

Orange Button Taxonomy Data Definitions

SunSpec Application Note



Abstract

This document lists the definitions of Orange Button data elements contained in the Orange Button taxonomy accessed at <https://github.com/SunSpecOrangeButton/solar-taxonomy>

Copyright © SunSpec Alliance 2019. All Rights Reserved.

All other copyrights and trademarks are the property of their respective owners.

License Agreement and Copyright Notice

This document and the information contained herein is provided on an "AS IS" basis and the SunSpec Alliance DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY THAT THE USE OF THE INFORMATION HEREIN WILL NOT INFRINGE ANY OWNERSHIP RIGHTS OR ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

This document may be used, copied, and furnished to others, without restrictions of any kind, provided that this document itself may not be modified in anyway, except as needed by the SunSpec Technical Committee and as governed by the SunSpec IPR Policy. The complete policy of the SunSpec Alliance can be found at sunspec.org.

Prepared by the SunSpec Alliance
4040 Moorpark Avenue, Suite 110
San Jose, CA 95117

Website: sunspec.org
Email: info@sunspec.org

Revision History

Version	Date	Comments
1.0	09-14-2019	Initial release

About the SunSpec Alliance

The SunSpec Alliance is a trade alliance of developers, manufacturers, operators, and service providers together pursuing open information standards for the distributed energy industry. SunSpec standards address most operational aspects of PV, storage, and other distributed energy power plants on the smart grid, including residential, commercial, and utility-scale systems, thus reducing cost, promoting innovation, and accelerating industry growth.

Over 100 organizations are members of the SunSpec Alliance, including global leaders from Asia, Europe, and North America. Membership is open to corporations, non-profits, and individuals. For more information about the SunSpec Alliance, or to download SunSpec specifications at no charge, visit sunspec.org.

About the SunSpec Specification Process

SunSpec Alliance specifications are initiated by SunSpec members to establish an industry standard for mutual benefit. Any SunSpec member can propose a technical work item. Given sufficient interest and time to participate, and barring significant objections, a workgroup is formed and its charter is approved by the board of directors. The workgroup meets regularly to advance the agenda of the team.

The output of the workgroup is generally in the form of a SunSpec Interoperability Specification. These documents are considered to be normative, meaning that there is a matter of conformance required to support interoperability. The revision and associated process of managing these documents is tightly controlled. Other documents are informative, or make some recommendation with regard to best practices, but are not a matter of conformance. Informative documents can be revised more freely and more frequently to improve the quality and quantity of information provided.

SunSpec Interoperability Specifications follow a lifecycle pattern of: DRAFT, TEST, APPROVED, and SUPERSEDED.

For more information or to download a SunSpec Alliance specification, go to <https://sunspec.org/about-sunspec-specifications/>.

Table of Contents

License Agreement and Copyright Notice	2
Revision History	3
About the SunSpec Alliance	4
About the SunSpec Specification Process	4
1 Introduction	6
2 Orange Button Taxonomy Table Column Headings	7
3 Orange Button Taxonomy Data Definitions	8

1 Introduction

The Orange Button standard was developed to enable the free flow of data between software systems related to system design, operations & maintenance, asset management, and financing of Distributed Energy Resources such as solar PV systems. Orange Button is comprised of several elements including information models, application program interfaces, support for the XBRL data exchange standard, and a taxonomy of data elements describing information used in the aforementioned applications.

This document is a listing of the taxonomy data elements with corresponding data labels and data definitions. In some cases, the original source of the data element is also listed (i.e. its provenance). This aspect of the taxonomy is being developed. Future releases will enhance the provenance of the data elements.

Please note that the canonical source of information related to the taxonomy is located at <https://github.com/SunSpecOrangeButton/solar-taxonomy>¹. This repository is being consistently updated. If you have any questions about any information shown in this document, please consult with the canonical source first.

¹ SunSpec Orange Button Taxonomy, July 31, 2019 release, <https://github.com/SunSpecOrangeButton/solartaxonomy>, accessed September 14, 2019.

2 Orange Button Taxonomy Table Column Headings

The Orange Button Data Taxonomy is contained the table appearing in the next section. The table is organized into seven columns, with each column containing a column heading. The column headings are defined as follows:

- **Orange Button Element:** the name of the Orange Button data element. Orange Button Elements names are referenced in software that implements Orange Button data exchange functions.
- **Orange Button Element Label:** the label associated with a particular Orange Button Element. Orange Button Element Labels are commonly used in a Graphic User Interface to help application users understand the Orange Button data being processed.
- **Definition:** the definition of the Orange Button data element as defined by the Source. XBRL refers to definitions as “Documentation.”
- **Source:** the document in which the Orange Button data element was originally described. A significant fraction of all Orange Button data elements are derived from standards published by the International Electrotechnical Commission (IEC), the Institute of Electrical and Electronics Engineers (IEEE), the American National Standards Institute (ANSI), and the SunSpec Alliance (SunSpec).
- **Source Reference 1:** the reference to the section of the standard that originally defined the Orange Button Element.
- **Source Reference Element Name 1:** the name of the data element as defined in the originating source standard. Some standards define data elements that are identical except for their names. In this case, a second Source Reference Element Name is also provided.
- **Source Reference Element Name 2:** the second Source Reference Element Name.

3 Orange Button Taxonomy Data Definitions

This section is a list of Orange Button data definitions.

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ActiveEnergyPerformanceIndex	Active Energy Performance Index, Percent	Active (real) Energy Performance Index measurement during times when the system is functioning (offline times removed) as in IEC 617243 Section 6.8, calculated as measured energy divided by expected energy.	IECRE	61724-3 Section 6.8	In-Service_Energy_Performance_Index	
ActualCostLowPerformanceFromLostEnergyCostPerkWdc	Actual Cost Of Low Performance From Lost Energy Cost Per kWdc, Amount	Actual estimated cost of future low performance during period of the capacity test in currency/kWdc.	IECRE		Actual_Cost_Low_Performance_driven_lost_energy	
ActualCostPenaltiesAndLowPerformanceCostPerkWdc	Actual Cost Of Penalties And Low Performance Cost Per Watt, Amount	Actual cost of penalties and low performance during period of the test in currency/W.	IECRE		Actual_Cost_penalties_perf_lost energy	
ActualCostPenaltiesFromLostEnergyCostPerkWdc	Actual Cost of Penalties From Lost Energy Cost Per kWdc, Amount	Actual cost of penalties for low performance during period of the capacity test in currency/kWdc.	IECRE		Actual_Cost_penalties_lost energy	
ActualCostUnavailabilityFromLostEnergyCostPerkWh	Actual Cost Of Unavailability From Lost Energy Cost Per kWh, Amount	Actual estimated cost for future lost revenue from lost energy generation during period of the availability test in currency/kWh.	IECRE		Actual_Cost_unavailability_driven_lost_energy	
AllInEnergyPerformanceIndex	All In Performance Index, Percent	Actual energy performance index including times when the system is not functioning as in IEC 617243 Section 6.8, calculated by measured energy divided by expected energy.	IECRE	61724.3 Section 6.8	All-In_Energy_Performance_Index	
AllInYield	All In Yield, Percent	Total (all-in) yield.	IECRE		Actual All-inYield	Predicted All-inYield
AmbientTemperatureForPowerTargetCapMeasurement	Ambient Temperature For Power Target Cap Measurement	Ambient temperature used for the target conditions for the capacity measurement using IEC 61724-2. Can be reported as Celsius or Fahrenheit by the preparer when specifying units in the instance document.	IECRE	61724-2		
AssetManagementCostPerWatt	Asset Management Cost Per Watt	The aggregate costs related to asset management during the reporting period. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted AssetManagementCosts	Actual AssetManagementCosts
AssumedIrradiationModelAmount	Assumed Irradiation Model, Amount	Assumed plane of array (POA) irradiation per annum based on major design/energy production model used.	IECRE		Assumed_irradiation_design model1	Assumed_irradiation_design model1
AuditingFeePerWatt	Auditing Fee Per Watt	Fee for auditing financial information. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted AuditingFee	Actual AuditingFee
AvailabilityCalculationMethod	Availability Calculation Method, Description	Description of method used to calculate availability, which could be IECRE 61724-3 or some other method.	IECRE	61724-3		
BatteryInverterACPowerRating	Battery Inverter, AC Power Rating	Maximum power output, in AC, of the inverter model, IEC62933-1	IECRE	IEC62933-1	BatteryInverterACPowerRating	
BatteryInverterNumber	Battery Inverter, Number	Total number of battery inverters in the system.	IECRE		NumberofBatteryInverters	
BatteryManagementSystemNumberOfSystems	Battery Management System, Number	Total number of battery management systems in the plant (system).	IECRE		NumberofBatteryManagementSystems	
BatteryManagementSystemRating	Battery Management System, Rating	Maximum power output, under standard test conditions, of the battery management system.	IECRE		BatteryManagementSystemPowerRating	

BatteryNumber	Battery, Total Number Of Batteries	Total number of batteries in the system.	IECRE		NumberofBatteriesTotal	
BatteryRating	Battery, Rating	Maximum power output, under standard test conditions, of the battery, per IEC62933-1.	IECRE	IEC62933-1	BatteryRatingDC	
BatteryStyle	Battery Style, Description	Battery chemistry style which can be LiOn, Pb, or NiCad.	IECRE		BatteryChemistryType	
CapacityFactorRatio	Capacity Factor, Ratio	Ratio of active (real) energy generation of system divided by energy that would have been generated if the system was operating continuously at its AC rated power typically over a year but could be over another measurement period, per IEC 61724-3 Section 6.8.2.	IECRE	61724-3 Section 6.8.2	Capacity Factor Ratio	
ContractCurrencyUsed	Currency Used in the Contract	Currency on which the contract is based. For example, currency could be USD, British pounds, etc.	IECRE		contract_currency	

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
CostOfServicesDepreciationAndAmortizationPerWatt	Cost Of Services, Depreciation And Amortization Per Watt	Depreciation of property, plant and equipment directly related to services rendered by an entity during the reporting period. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted CostOfServicesDepreciationAndAmortization	Actual CostOfServicesDepreciationAndAmortization
CostsAndExpensesPerWatt	Costs And Expenses Per Watt	Total costs of sales and operating expenses for the period. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted CostsAndExpenses	Actual OtherTaxExpenseBenefit
CulturalReportReviewed	Cultural Report Reviewed, Flag	Indicates if the cultural resources and archeological report has been reviewed. If it has been reviewed, TRUE; if it has not been reviewed, FALSE.	IECRE		Cultural resources and archeological report	
CurrentFederalTaxExpenseBenefitPerWatt	Current Federal Tax Expense Benefit Per Watt	Amount of current federal tax expense (benefit) pertaining to income (loss) from continuing operations. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted CurrentFederalTaxExpenseBenefit	Actual CurrentFederalTaxExpenseBenefit
CurrentStateAndLocalTaxExpenseBenefitPerWatt	Current State And Local Tax Expense Benefit Per Watt	Amount of current state and local tax expense (benefit) pertaining to income (loss) from continuing operations. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted CurrentStateAndLocalTaxExpenseBenefit	Actual CurrentFederalTaxExpenseBenefit
DCPowerDesign	DC Power Output Rating of Modules	DC Nameplate capacity which is the sum of module ratings at standard test conditions as defined in the design.	IECRE		DC_rated_power_at_STC	
DebtInstrumentPeriodicPaymentInterestPerWatt	Debt Instrument Periodic Payment, Interest Per Watt	Amount of the required periodic payments applied to interest. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted DebtInstrumentPeriodicPaymentInterest	Actual DebtInstrumentPeriodicPaymentInterest

DebtInstrumentPeriodicPaymentPrincipalPerWatt	Debt Instrument Periodic Payment, Principal Per Watt	Amount of the required periodic payments applied to principal. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted DebtInstrumentPeriodicPaymentPrincipal	Actual DebtInstrumentPeriodicPaymentPrincipal
DeficitRestorationObligationLimitPerWatt	Deficit Restoration, Limit Per Watt	Limit to deficit restoration obligation. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted DeficitRestorationObligationLimit	Actual DeficitRestorationObligationLimit
DeficitRestorationObligationPerWatt	Deficit Restoration, Obligation Per Watt	Amount of deficit restoration obligation in the reporting period. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted DeficitRestorationObligation	Actual DeficitRestorationObligation
DemandCharge	Demand Charge, Amount	The maximum amount of power (kW) drawn for any given time interval (typically 15 minutes) during the billing period, multiplied by the relevant demand charge (\$/kW). Demand charges are fees applied to the electric bills of commercial and industrial customers based upon the highest amount of power drawn during any interval during the billing period.	IECRE		DemandCharge	
DeviationsFromMeasurementProcedures	Deviations From Measurement Procedures, Description	Description of deviations from the test procedures in IEC 61724-3.	IECRE	61724-3	Measurement_Procedure_Deviations	

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
EcologicalReportReviewed	Ecological Report Reviewed, Flag	Indicates if the ecological/wildlife/plant life report has been reviewed. If it has been reviewed, TRUE; if it has not been reviewed, FALSE.	IECRE		Ecological/wildlife/Plant life report	
ElectricalGenerationRevenuePerWatt	Electrical Generation Revenue Per Watt	Revenue from generation of electricity, a process of producing electric energy by transforming other forms of energy such as nuclear, fossil fuel, solar, geothermal, hydro, and wind. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted ElectricalGenerationRevenue	Actual ElectricalGenerationRevenue
EnergyAvailabilityComparison	Energy Availability Comparison	Comparison of measured versus expected energy availability. This concepts reports the difference which is calculated as Measured – Expected.	IECRE	61724-3	Energy Availability	
EnergyCharge	Energy Charge, Amount	The amount of energy (kWh) consumed, multiplied by the relevant price of energy (\$/kWh) during the billing period.	IECRE		EnergyCharge	
EnergyUnavailabilityComparison	Energy Unavailability Comparison	Unavailability is a metric that quantifies the amount of energy lost when the system is not operating. This metric compares measured versus expected energy unavailability. This concepts reports the difference which is calculated as Measured – Expected.	IECRE	61724-3	Energy Unavailability	

EnergyUnavailabilityExcludingExternalOrOtherOutagesComparison	Energy Unavailability Excluding External Or Other Outages Comparison	Unavailability is a metric that quantifies the amount of energy lost when the system is not operating. This metric compares measured versus expected energy unavailability excluding times external or other outages. This concepts reports the difference which is calculated as Measured – Expected.	IECRE	61724-3	Energy Unavailability External	
EntityAuthorizedToViewSecurityData	Entity Authorized To View Security Data, Name	Name of the person or entity authorized to access security data about the system.	IECRE		Authorized_viewer n	
EntityName	Entity Name	The name of the entity involved in the system.	IECRE		AssetOwnerName	AssetOwnerParent
EntityTaxIdentificationNumber	Entity, Tax Identification Number	Tax identification number of the entity. Where tax id is not available, other government identification number is acceptable.	IECRE		AssetOwnerTaxID	AssetOwnerParentTaxID
EPCContractReviewConsidered	EPC Contract Review Considered, Flag	Indicates if the EPC contract review has been considered. If it has been considered, TRUE; if it has not been considered, FALSE.	IECRE		EPC_contract_review	
EquipmentTypeNumber	Equipment Type, Number	Number of the devices used in a system.	IECRE		Inverter, Total Number	
EquipmentTypeWarrantyEndDate	Equipment Type Warranty, End Date	End date of the equipment warranty.	IECRE		Module - Product Warranty End Date	Inverter - Product Warranty End Date
ExciseAndSalesTaxPerWatt	Excise And Sales Tax Per Watt	The amount of excise and sales taxes included in sales and revenues, which are then deducted as a cost of sales. Includes excise taxes, which are applied to specific types of transactions or items (such as gasoline or alcohol); and sales, use and value added taxes, which are applied to a broad class of revenue-producing transactions involving a wide range of goods and services. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted ExciseAndSalesTaxes	Actual ExciseAndSalesTaxes
ExpectedEnergyAtRevenueMeterInceptionToDate	Expected Energy At Revenue Meter, Inception To Date, Amount	Expected Active Electrical Production at the revenue meter for indicated time period in kWh per IEC 61724-3 using measured weather data during times of availability and including adjustments for parasitic losses. See Section 6.6.6 of IEC 61724-3. Measured from inception to date.	IECRE	61724-3 Section 6.6.8	Expected_energy_revenue _meter	

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ExpectedEnergyAtTheRevenueMeter	Expected Energy At The Revenue Meter, Amount	Expected Active Electrical Production at the revenue meter for indicated time period in kWh per IEC 61724-3 using measured weather data during times of availability and including adjustments for parasitic losses. See Section 6.6.6 of IEC 61724-3. This element is defined as the sum of electrical production over a period of time, for example the first day of the month to the last day of the month, and has a period type of duration. This should not be used with the Period [Axis].	IECRE	61724-3 Section 6.6.7	Expected_energy_revenue _meter	

ExpectedEnergyAtTheRevenueMeterForPeriod	Expected Energy At The Revenue Meter For Period	Expected Active Electrical Production at the revenue meter for indicated time period in kWh per IEC 61724-3 using measured weather data during times of availability and including adjustments for parasitic losses. See Section 6.6.6 of IEC 61724-3. This element can be used with the PeriodAxis to indicate the period of measurement and has a period type of instant to measure a point in time. If no Period [Axis] is used, the time period for the value is from the date of the value in the instance document to the end of the life of the system.	IECRE	61724-3 Section 6.6.6	Expected_energy_revenue_meter	
ExpectedEnergyAtUnavailableTimes	Expected Energy At Unavailable Times	A PV system or part of a system is considered to be unavailable when it's status is observed to be non-functional. This measure reports the amount of energy that is unavailable.	IECRE	61724-4	Expected_Energy_Unavailable_Times	
ExpectedEnergyAtUnavailableTimesExcludingExternalOrOtherOutages	Expected Energy At Unavailable Times Excluding External Or Other Outages	A PV system or part of a system is considered to be unavailable when it's status is observed to be non-functional. This measure reports the amount of energy that is unavailable, excluding issues that are outside of the plant's control.	IECRE	61724-3	Expected_Energy_Unavailable_Times_External	
ExpectedEnergyAvailabilityEstimateRatio	Expected Energy Availability Estimate, Ratio	Expected Energy Availability Estimate is modelled predicted energy for unity availability, and can be calculated by dividing ExpectedEnergyAtTheRevenueMeter by Predicted_Energy_Availability. This element can be used with the PeriodAxis to indicate the period such as year and has a period type of instant to measure a point in time.	IECRE		Expected_Energy_Availability	
ExpectedEnergyAvailableExcludingExternalOrOtherOutages	Expected Energy Available Excluding Times Of External Or Other Outages, Energy	Expected energy available excluding times of external or other outage causes per IEC 61724-3 Section 6.8.1.	IECRE	61724.3 Section 6.8.1		
FinancingEventFirstFinancingEntity	Financing Event, First Financing Entity, Name	Name of first entity providing project financing.	IECRE		Project_Financing_Entity_Name	
FinancingEventFirstFinancingEntityEmail	Financing Event, First Financing Entity, Email	Email address for the first entity providing project financing.	IECRE		Project_Financing_Entity_Email	
FinancingEventFirstFinancingLoanNumber	Financing Event, First Financing Entity, Loan Number	Loan number for the first loan made.	IECRE		Project_Financing_Entity_Loan_Number	
FinancingEventLoanForm	Financing Event, Loan Form Number	Loan form and version number used for the loan used in project financing.	IECRE		Project_Financing_Entity_Loan_Form_Version	
FinancingEventLoanNumber	Financing Event, Loan Number	Account number for the loan.	IECRE		Financing_Loan_Number	
FireRiskReportSubmitted	Fire Risk Report Submitted, Flag	Indicates if the fire risk report has been submitted. If it has been submitted, TRUE; if it has not been submitted, FALSE.	IECRE		Fire risk assessment report	
FundSponsorIdentifier	Fund Sponsor, Identifier	Identifier for the Sponsor in the fund.	IECRE		Financier_Name	
GeneralInsuranceExpensePerWatt	General Insurance Expense Per Watt	The expense in the period incurred with respect to protection provided by insurance entities against risks other than risks associated with production (which are allocated to cost of sales). Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted GeneralInsuranceExpense	Actual GeneralInsuranceExpense

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
GeotechnicalReportReviewed	Geotechnical Report Reviewed, Flag	Indicates if the geotechnical report has been reviewed. If it has been reviewed, TRUE; if it has not been reviewed, FALSE.	IECRE		GeotechnicalReport	
GridCodeCompliance	Grid Code Compliance, Flag	Indicates if the IEC 62445-1 or local Grid Code Compliance has been met. If it has been met, TRUE; if it has not been met, FALSE	IECRE	62446-1	Gridcode_compliance	
HypotheticalLiquidationAtBookValueBalancePerWatt	Hypothetical Liquidation At Book Value, Balance Per Watt	The total Hypothetical Liquidation at Book Value balance at the end of the reporting period. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted HypotheticalLiquidationAtBookValueBalance	Actual HypotheticalLiquidationAtBookValueB alance
IECRECertificateDate	IECRE Certificate, Date	Date the IECRE certificate was issued.	IECRE		CertificateDate	
IECRECertificateHolder	IECRE Certificate Holder	Name of entity contracting with (paying) the IECRE CB (Certification Body).	IECRE		Certificate_holder	
IECRECertificateNumber	IECRE Certificate Number	IECRE certificate number, defined as sector(PV, wind, marine).year.IECREOperativeDocument.uniquesys temid.certificate number. For example AAAA.YYYY.OD4XX.PPPPP.CCCCC.AAAA.	IECRE		Certificate_number	
IECRECertificateTimeStamp	IECRE Certificate Time Stamp, Date	Timestamp for completion of the IECRE commissioning.	IECRE		time_completed_commissioning	
IECRECertifyingBody	IECRE Certifying Body	IECRE Certifying Body (CB) who issued the certificate.	IECRE		IEC RE CB	
IECREInspectionBody	IECRE Inspection Body	IECRE Inspection Body (IB) responsible for the inspection.	IECRE		IEC RE IB	
IECREOperationalDocumentCertificateType	IECRE Operational Document Certificate Type	IECRE Certificate Type: OD-403-1 (PV system Design Qualification Certificate, Part 1 PV Site Qualification), OD-403-2 (PV system Design Qualification Certificate, Part 2 PV Power Block Design Qualification), OD-403 (PV system Design Qualification Certificate), OD401-1 (PV Conditional PV system Certificate: Part 1 PV Construction Completion), OD-401 (Conditional PV Project Certificate), OD-402 (Annual PV system Performance Certificate), OD-404 (PV Asset Transfer Certificate), OD-409 (PV system Decommissioning Certificate); reference www.iecre.org/documents/refdocs/	IECRE		Certificate-type	
IECERulesOfProcedureMet	IECRE Rules Of Procedure Met, Flag	Indicates if IEC RE Rules Of Procedure have been met. If it has been met, TRUE; if it has not been met, FALSE	IECRE		IECRE_ROP_compliance	
InsuranceCarrier	Insurance Carrier	Name of insurance carrier used.	IECRE		Property_Casualty_Insurance_Insurance_ Company_Name	PerformanceInsurance_Name
InsuranceCarrierEmail	Insurance Carrier, Email	Email address of the insurance carrier or the surety carrier.	IECRE		SuretyBondSolarModuleWarrantySecurityS uretyEmail	SuretyBondSuretyBondPPASecurityS uretyEmail
InsuranceEffectiveDate	Insurance, Effective Date	Effective date of Insurance	IECRE		SuretyBondSuretyBondPPASecurityBondEf fectiveDate	SuretyBondSolarModuleWarrantySec urityEffectiveDate
InsuranceExpirationDate	Insurance, Expiration Date	Expiration date of the insurance.	IECRE		Performance_Insurance_Policy_Expiration	Property_Casualty_Insurance_Policy _Expiration

InsuranceNAICNumber	Insurance NAIC Number	National Association of Insurance Commissioners (NAIC) number assigned to the insurance company and/or group providing the insurance.	IECRE		Performance_Insurance_NAIC_Number	Property_Casualty_Insurance_NAIC_Number
InsurancePolicyNumber	Insurance, Policy Number	Policy number of the insurance.	IECRE		Perf_Insurance_Policy_Number	Property_Casualty_Insurance_Policy_Number
InverterOutputMaximumPowerAC	Inverter Output, Maximum Power AC, Amount	Maximum, nameplate (nominal) output of the inverter, measured in real power (watts) which is the amount of power actually consumed or utilized in an AC Circuit. It is also called True power or Active Power.	IECRE		Inverter, Rating (kW AC)	
InverterStyle	Inverter Style, Description	Description of the style of the inverter which can be Central, String, MicroInverter, Distributed, Transformerless, or Grounded.	IECRE		InverterTypeTechnology	

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
InvestedCapitalPerWatt	Invested Capital Per Watt	The total invested capital at the end of the reporting period. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted InvestedCapital	Actual InvestedCapital
LeaseDateOfExecution	Lease Execution, Date	Date of execution of the lease contract. May be the same as the commencement date of the lease.	IECRE		LongTermContractForPurchaseOfElectricPowerDateOfContractInitiation	
LeaseExpirationDate1	Lease Expiration Date	Date on which lease or group of leases is set to expire, in CCYY-MM-DD format.	IECRE		LongTermContractForPurchaseOfElectricPowerDateOfContractExpiration	
LetterOfCreditAccountNumber	Letter Of Credit, Account Number	Account number for the letter of credit.	IECRE		PPA_Security_LOC_Number	Decommissioning_Security_LOC_LOC_Number
LetterOfCreditFormVersion	Letter Of Credit, Form Version	Standardized form name and version of the form used for the letter of credit.	IECRE		PPA_Security_LOC_Form_Version	Decommissioning_Security_LOC_Form_Version
LetterOfCreditProvider	Letter of Credit, Security, Provider	Provider of the Letter of Credit.	IECRE		PPA_Security_LOC_Bank_Name	Decommissioning_Security_LOC_Bank_Name
LetterOfCreditProviderEmailAddress	Letter of Credit, Security, Provider Email Address	Email address for the provider of the letter of credit.	IECRE		PPA_Security_LOC_LOC_Email	Decommissioning_Security_LOC_Email
LetterOfCreditSecurityAmount	Letter of Credit, Security, Amount	Amount of security per the Letter of Credit.	IECRE		PPA_Security_LOC_Amount	Decommissioning_Security_LOC_Amount
MajorDesignModel	PV Design Model	Type of design/energy production model for the PV system which could be Pvsyst, SAM, PV Watts, or Other.	IECRE		Major Design Model	
MeasuredCapacityAtTargetConditions	Measured Capacity At Target Conditions	Power measured at the targeted measurement conditions per IEC 61724-2 in kW.	IECRE	61724-2	Measured Capacity	
MeasuredEnergy	Measured Energy, Amount	Energy measured at the revenue meter for the indicated time period according to IEC 61724-3 Section 6.7.	IECRE	61724-3 Section 6.7	Measured_Energy	
MeasuredEnergyAvailabilityDifference	Measured Energy Availability, Difference	A PV system or part of a system is considered to be available when it's status is observed to be functional. Per IECRE 61724-3, this measure can be calculated as simple difference, percent difference, or ratio calculation. This concept should be reported as a Difference, calculated as Measured - Expected.	IECRE	61724-3	Energy Availability	

MeasuredEnergyAvailabilityPercent	Measured Energy Availability, Percent	Measured energy availability for the indicated time period calculated from the measured weather data and observed availability which can be obtained by dividing Expected Energy At Revenue Meter by Expected Energy At Unavailable Times. For solar, use IEC 61724-3, Section 6.8.	IECRE	61724-3, Section 6.8	Measured_Energy_Availability	
MeasuredEnergyAvailableExcludingExternalOrOtherOutages	Measured Energy Available Excluding Times Of External Or Other Outages, Energy	Actual energy available excluding times of external or other outage causes per IEC 61724-3 Section 6.8.1.	IECRE	61724.3 Section 6.8.1		
MeasurementClass	Measurement Class, Description	Measurement class per IEC 71724 where Class A is highest and Class C is lowest.	IECRE	61724		
MeasurementUncertaintyBasisDescription	Basis for Measurement of Uncertainty, Description	Description of standard method used to calculate uncertainty of measurement	IECRE		Measurement_Uncertainty_Basis	
MerchantPowerSalesPercent	Merchant Power Sales, Percent	Merchant power plants are commercial, independent plants competing to sell energy. This value should represent the percent of merchant power sales.	IECRE		PercentMerchantPowerSales	
Model	Product Identification, Model	Model number and name of the product.	IECRE		ModuleIDDesignator	InverterModelDesignator
ModelFactorsExternalCurtailmentFlag	Model Factors External Curtailment, Flag	Indication if external curtailment is considered in the design model. If it is considered in the design model, TRUE; if it is not considered in the design model, FALSE.	IECRE		Model_factors_external_curtailment	
ModelFactorsNonUnityPowerFactorFlag	Model Factors Non Unity Power Factor, Flag	Indication if non unity power factor is considered in the design model. If it is considered in the design model, TRUE; if it is not considered in the design model, FALSE.	IECRE		Model_factors_Non_Unity_power_factor	

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ModelFactorsParasiticLossFlag	Model Factors Parasitic Loss, Flag	Indication if parasitic loss is considered in the design model. If it is considered in the design model, TRUE; if it is not considered in the design model, FALSE.	IECRE		Model_factors_parasitic_Loss	
ModelFactorsSnowFlag	Model Factors Snow, Flag	Indication if snow is considered in the design model. If it is considered in the design model, TRUE; if it is not considered in the design model, FALSE.	IECRE		Model_factors_soiling	
ModelFactorsSoilingFlag	Model Factors Soiling, Flag	Indication if soiling is considered in the design model. If it is considered in the design model, TRUE; if it is not considered in the design model, FALSE.	IECRE		Model_factors_snow	
ModelWeatherSource	Model Weather Source	Weather source used for the model which can be None, Local, Satellite, Modeled, or Mixed.	IECRE		PVSystemWeatherSource	
ModuleNameplateCapacity	Module Nameplate Capacity, Power	Nameplate capacity (nominal power) of the module estimate set by the manufacturer for all modules of that type. Measured in Watts.	IECRE		Module - Rating (kW DC STC)	
OffTakerContractReviewConsidered	OffTaker Contract Review Considered, Flag	Indicates if the offtaker contract review has been considered. If it has been considered, TRUE; if it has not been considered, FALSE.	IECRE		Off_taker_contract_review	
OfftakerEmail	OffTaker Email	Email address of the offtaker.	IECRE		UtilityNameOfftakeemail	
OfftakerIdentifier	OffTaker Identifier	Used as the identifier for the OffTaker.	IECRE		UtilityNameOfftakeID	

OffTakerName	OffTaker Name	Name of the offtaker.	IECRE		UtilityNameOfftake	
OneYearInPlaneAssumedIrradiation	One Year In Plane Assumed Irradiation	One-year in-plane assumed irradiation, Hi, as described in IEC 61724-1 Ed. 2, in kWh/m2.	IECRE	61724-1 Ed. 2		
OneYearInPlaneMeasuredIrradiation	One Year In Plane Measured Irradiation	One-year in-plane measured irradiation, Hi, as described in IEC 61724-1 Ed. 2, in kWh/m2.	IECRE	IEC 61724-1 Ed. 2 in Table 10, Section 9.3 and Table 3, section 7 and as tabulated under the guidance of IEC 61724-3.	One-year_in-plane_measured_irradiation	
OperatingExpensesCostPerWatt	Operating Expenses Cost Per Watt	Generally recurring costs associated with normal operations except for the portion of these expenses which can be clearly related to production and included in cost of sales or services. Includes selling, general and administrative expense. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted OperatingExpenses	Actual OperatingExpenses
OperationsAndMaintenanceContractReviewConsidered	Operations And Maintenance Contract Review Considered, Flag	Indicates if the O&M contract review has been considered. If it has been considered, TRUE; if it has not been considered, FALSE.	IECRE		O&M contract considered	
OperationsAndMaintenanceCostPerWatt	Operations And Maintenance Cost Per Watt	Cost of ownership for system over the time period of the test in currency/W.	IECRE		Predicted_O&M_Cost	
OtherAdministrativeFeesPerWatt	Other Administrative Fees Per Watt	Other administrative fees. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted OtherAdministrativeFees	Actual OtherAdministrativeFees
OtherExpensesPerWatt	Other Expenses Cost Per Watt	Amount of expense classified as other. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted OtherExpenses	Actual OtherExpenses
OtherIncomePerWatt	Other Income Per Watt	Amount of revenue and income classified as other. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted OtherIncome	Actual OtherIncome

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
OtherPaymentsToFinanciersPerWatt	Other Payments To Financiers, Amount Per Watt	Amount of payments to other financiers in the reporting period. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted OtherPaymentsToFinanciers	Actual OtherPaymentsToFinanciers
OtherTaxExpenseBenefitPerWatt	Other Tax Expense Benefit Per Watt	Amount of other income tax expense (benefit). Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted OtherTaxExpenseBenefit	Actual OtherTaxExpenseBenefit
ParasiticLossMeasuredInTest	Parasitic Loss Measured In Test	Indication as to whether parasitic losses are measured in the test. If they are included, TRUE; if they are not included, FALSE.	IECRE		Parasitic_Loss_Measured	

PartnershipFlipDate	Partnership Flip, Date	Date on which the investor's target return has been reached, also called the flip point.	IECRE		Actual PartnershipFlipDate	Predicted PartnershipFlipDate
PartnershipFlipExecutionDate	Partnership Flip Execution, Date	Date of execution of the Partnership Flip contract. May be the same as the commencement date of the Partnership Flip.	IECRE		LongTermContractForPurchaseOfElectricPowerDateOfContractInitiation	
PartnershipFlipExpirationDate	Partnership Flip Expiration Date	Date on which the Partnership Flip or group of Partnership Flips is set to expire, in CCYY-MM-DD format.	IECRE		LongTermContractForPurchaseOfElectricPowerDateOfContractExpiration	
PartnershipFlipYield	Partnership Flip Yield, Percent	Required target return of the investor, at which point the partnership allocation would flip.	IECRE		Actual PartnershipFlipYield	Predicted PartnershipFlipYield
PaymentsForRentPerWatt	Payments For Rent Per Watt	Cash payments to lessor's for use of assets under operating leases. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted PaymentsForRent	Actual PaymentsForRent
PBIRevenuePerWatt	PBI Revenue Per Watt	Revenue from energy production based incentive. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted PBIRevenue	Actual PBIRevenue
PerformanceRatioNonWeatherCorrected	Performance Ratio, Non Weather Corrected	Performance ratio, non-weather corrected, percent, calculated per IEC 61724-3.	IECRE	61724-3	Performance_ratio	
PerformanceRatioWeatherCorrected	Performance Ratio, Weather Corrected	Performance ratio, weather corrected, percent, calculated per IEC 61724-3.	IECRE	61724-3	Performance_ratio	
PolicyFormVersion	Insurance, Policy Form Version	Form and version number of the insurance policy.	IECRE		Performance_Insurance_Policy_Form_Version	Property_Casualty_Insurance_Policy_Form_Version
PortfolioNumberOfSystems	Portfolio, Number Of Systems	Nubmer of systems in the portfolio.	IECRE		NumberOfUnitsInPortfolio	
PowerPerformanceIndex	Power Performance Index, Ratio	Ratio of measured to targeted power per IEC 61724-2, section 6.4.	IECRE	61724.2, Section 6.4	Power Performance Index	
PowerPurchaseAgreementContractTermsDateOfContractExpiration	Power Purchase Agreement, Contract Expiration, Date	Date of contract expiration of long-term contract to purchase electricity from a production system, e.g., could be same as PPA Expiration Date.	IECRE		LongTermContractForPurchaseOfElectricPowerDateOfContractExpiration	
PowerPurchaseAgreementContractTermsDateOfContractInitiation	Power Purchase Agreement, Contract Initiation, Date	Date of contract initiation of long-term contract to purchase electricity from a production system. (Asset mgmt and transaction/trade), e.g., could be the same as PPA Effective Date.	IECRE		LongTermContractForPurchaseOfElectricPowerDateOfContractInitiation	
PowerTargetCapMeasurement	Power Target Cap Measurement, Power	Power expected for capacity measurement when executing IEC 61742-2 for the specified target conditions.	IECRE	61724-2	Expected Power	
PPAContractReviewConsidered	PPA Contract Review Considered, Flag	Indicates if a review of the PPA contract has been considered. If it has been considered, TRUE; if it has not been considered, FALSE.	IECRE		PPA_contract_review	

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
-----------------------	-----------------------------	------------	--------	--------------------	---------------------------------	---------------------------------

PredictedEnergyAtTheRevenueMeter	Predicted Energy At The Revenue Meter, Amount	Predicted active electrical production at the revenue meter for each year, based on historical weather data that is representative for the site, per IEC 61724-3. Calculated as Total Predicted Energy reflecting times of unavailability and parasitic loss. This element is defined as the sum of electrical production over a period of time, for example from the 1st day to the last day of the month, and has a period type of duration. This should not be used with the Period [Axis].	IECRE	61724-3	Predicted_energy_revenue_meter	
PredictedEnergyAtTheRevenueMeterForPeriod	Predicted Energy At The Revenue Meter For Period	Predicted active electrical production at the revenue meter for each year, based on historical weather data that is representative for the site, per IEC 61724-3. Calculated as Total Predicted Energy reflecting times of unavailability and parasitic loss. This element can be used with the PeriodAxis to indicate the period such as year and has a period type of instant to measure a point in time. If no Period [Axis] is used, the time period for the value is from the date of the value in the instance document to the end of the life of the system.	IECRE	61724-3	Predicted_energy_revenue_meter	
PredictedEnergyAvailabilityEstimateRatio	Predicted Energy Availability Estimate, Ratio	Predicted Energy Availability Estimate by Year, which is the modelled predicted energy for unity availability. The ratio is calculated by dividing PredictedEnergyAtTheRevenueMeterInstant by PredictedEnergyAvailable. This element can be used with the PeriodAxis to indicate the period such as year and has a period type of instant to measure a point in time.	IECRE		Predicted_Energy_Availability	
PrincipalAmountOutstandingOnLoansManagedAndSecuritizedPerWatt	Principal Amount Outstanding On Loans And Managed And Securitized Per Watt	This is the sum of principal amount outstanding for both securitized and unsecuritized loans of all types. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted PrincipalAmountOutstandingOnLoansManagedAndSecuritized	Actual PrincipalAmountOutstandingOnLoansManagedAndSecuritized
ProductManufacturer	Equipment Type Manufacturer, Name	Name of the product or equipment manufacturer.	IECRE		ModuleTypeManufacturer	InverterTypeManufacturer
ProductManufacturerWebSite	Equipment Type Manufacturer, Web Site	Web site of the product or equipment manufacturer.	IECRE		Monitoring System Provider Web Site	
PropertyPlantAndEquipmentSalvageValuePerWatt	Property, Plant, And Equipment, Salvage Value Per Watt	The estimated or actual value of the asset at the end of its useful life or when it is no longer serviceable (cannot be used for its original purpose). Value should be reported as amount per watt, and should be used with the IECREPredictedVersusActualAxis.	IECRE		Predicted PropertyPlantAndEquipmentSalvageValue	Actual PropertyPlantAndEquipmentSalvageValue
PropertyPlantAndEquipmentUsefulLife	Property, Plant And Equipment, Useful Life	Useful life of long lived, physical assets used in the normal conduct of business and not intended for resale, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. Examples include, but not limited to, land, buildings, machinery and equipment, office equipment, furniture and fixtures, and computer equipment.	IECRE		Predicted PropertyPlantAndEquipmentUsefulLife	Actual PropertyPlantAndEquipmentUsefulLife
PVSystemPerformanceSamplingInterval	PV System Performance Sampling Interval	Rate at which performance data is collected, for example, seconds.	IECRE		PVSystemPerformanceSamplingInterval	
RatedPowerPeakAC	Rated Power At Peak AC, Power	AC nameplate capacity at revenue meter as built.	IECRE		Rated_Power_kWpeakAC	

RatioMeasuredEnergyToExpectedEnergyAtTheRevenue	Measured Energy To Expected Energy At The Revenue Meter, Percent	Ratio of actual measured energy to expected energy at the revenue meter, per IECRE 61724-3.	IECRE	61724-3		
RatioMeasuredEnergyToExpectedEnergyAtTheRevenueMeterInceptionToDate	Measured Energy To Expected Energy At The Revenue Meter, Inception To Date, Percent	Ratio of actual measured energy to expected energy at the revenue meter, per IECRE 61724-3, from inception to date.	IECRE	61724-3		

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
RealEstateTaxExpensePerWatt	Real Estate Tax Expense Per Watt	A tax based on the assessed value of real estate by the local government. The tax is usually based on the value of property (including the land). Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted RealEstateTaxExpense	Actual RealEstateTaxExpense
RebateRevenuePerWatt	Rebate Revenue Per Watt	Revenue from renewable energy rebate program. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted RebateRevenue	Actual RebateRevenue
RECRRevenuePerWatt	REC Revenue Per Watt	Revenue from renewable energy credits. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted RECRRevenue	Actual RECRRevenue
RevenuesPerWatt	Revenues Per Watt	Amount of revenue recognized from goods sold, services rendered, insurance premiums, or other activities that constitute an earning process. Includes, but is not limited to, investment and interest income before deduction of interest expense when recognized as a component of revenue, and sales and trading gain (loss). Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted Revenues	Actual Revenues
RiskPriorityNumber	Risk Priority Number	Risk Priority Number which is a numeric indicator of the health of the plant.	IECRE		RPN	
SaleLeasebackExecutionDate	Sale Leaseback Execution, Date	Date of execution of the sale leaseback contract. May be the same as the commencement date of the sale leaseback.	IECRE		LongTermContractForPurchaseOfElectricPowerDateOfContractInitiation	
SaleLeasebackExpirationDate	Sale Leaseback Expiration Date	Date which sale leaseback or group of sale leasebacks is set to expire, in CCYY-MM-DD format.	IECRE		LongTermContractForPurchaseOfElectricPowerDateOfContractExpiration	
SiteAddressCity	Site Address City	City where site is located.	IECRE		CityNameSPX	
SiteAddressCountry	Site Address Country	ISO country code where the site is located.	IECRE		CountryNameSPX	
SiteAddressState	Site Address State	State or province where the system is based.	IECRE		StateSPX	
SiteAddressZipCode	Site Address Zip Code	Zip (postal) Code where the site is based.	IECRE		PostalCodeSys	
SiteClimateClassificationIECRE	Site Climate Classification IECRE, Description	Description of the climate classification of the site per IECRE 60721. For example: Tropical, Arid, Temperate, Cold, Polar.	IECRE	60721	Site_Climate_Classification	

SiteLatitudeAtRevenueMeter	Site Latitude At Revenue Meter	The latitude of the system at the system meter. The value should be entered in decimal degrees.	IECRE		LatitudeRevenueMeter	
SiteLeasePaymentPerWatt	Site Lease Payment Per Watt	Site lease expense. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted SiteLeasePayment	Actual SiteLeasePayment
SiteLongitudeAtRevenueMeter	Site Longitude At Revenue Meter	The longitude of the system at the system meter. The value should be entered in decimal degrees.	IECRE		LongitudeRevenueMeter	
SitePermitReviewConsidered	Site Permit Review Considered, Flag	Indicates if the site permit review has been considered. If it has been considered, TRUE; if it has not been considered, FALSE.	IECRE		Site_permitt_review	
SoilInSiteReportAvailable	Soil In Site Report Available, Flag	Indicates if the report providing details of soil consistency, chemistry, site soil measurements (probing trench, probing drill, etc) has been submitted. If it has been submitted, TRUE; if it has not been submitted, FALSE	IECRE		Soil_in_site_report	
StatedUncertaintyOfExpectedEnergyBasedOnAllFactorsPercent	Uncertainty of Expected Energy Based on Total Uncertainty, Percent	Uncertainty in expected energy arising from all factors (including bias and precision) of energy measured, expressed as +/- percent uncertainty.	IECRE		Stated_Uncertainty_Value_Expected_Energy	

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
StatedUncertaintyOfExpectedEnergyBasedOnWeatherPercent	Uncertainty of Expected Energy Based on Weather, Percent	Uncertainty in expected energy arising from uncertainty in the measured weather data, expressed as +/- percent uncertainty. For example, 3% uncertain that the expected energy will be xx.	IECRE		Stated_Uncertainty_Value_Energy_Measured	
SubArrayIdentifier	SubArray Identifier	Unique Identifier used to identify the subarray	IECRE		SubArrayID	
SuppliersContractReviewConsidered	Suppliers Contract Review Considered, Flag	Indicates if the suppliers contract review has been considered. If it has been considered, TRUE; if it has not been considered, FALSE.	IECRE		Supplier_contracts_review	
SuretyAnnualPremium	Surety Annual Surety Premium, Amount	Annual amount of the surety premium.	IECRE		SuretyBondSuretyBondPPASecurityAnnualPremium	
SuretyBondAmount	Surety Bond, Amount	Value of the surety bond.	IECRE		SuretyBondSolarModuleWarrantySecurityBondAmount	SuretyBondSuretyBondPPASecurityBondAmount
SuretyBondContractDate	Surety Bond, Contract Date	Contract date of the surety bond.	IECRE		SuretyBondSuretyBondPPASecurityContractDate	SuretyBondSolarModuleWarrantySecurityContractDate
SuretyBondEffectiveDate	Surety Bond, Effective Date	Effective date of the surety bond.	IECRE		SuretyBondSuretyBondPPASecurityBondEffectiveDate	SuretyBondSolarModuleWarrantySecurityEffectiveDate
SuretyBondFormAndVersionNumber	Surety Bond Form And Version Number, Description	Description of the surety bond form used which can include the name of the form and version number. For example, a form provided by the Association of General Contractors or ACORD.	IECRE		PPA_Security_Surety_Bond_Bond_Form_Version	Warranty_Security_Surety_Bond_Bond_Form_Version
SuretyBondNumber	Surety Bond, Number	Surety bond number which is assigned by the surety company and is the surety company's unique identifier.	IECRE		SuretyBondSolarModuleWarrantySecurityBondNumber	SuretyBondSuretyBondPPASecurityBondNumber
SuretyContractDescription	Contract Description	Description of the surety bond contract.	IECRE		SuretyBondSuretyBondPPASecurityContractDescription	SuretyBondSolarModuleWarrantySecurityContractDescription
SuretyElectronicBondValidationWebSite	Surety Electronic Bond, Validation Web Site	Validation web site of the surety electronic bond carrier.	IECRE		SuretyBondSolarModuleWarrantySecuritySuretyBondElectronicSuretyProviderWebsite	

SuretyElectronicBondVerificationNumber	Surety Electronic Bond, Verification Number	Bond Verification Number which comes from the Electronic Bond Provider and is unique to their system.	IECRE		SuretyBondSolarModuleWarrantySecuritySuretyBondElectronicSuretyProviderBVN	
SuretyLegalJurisdiction	Surety Legal Jurisdiction, Description	Jurisdiction for the bond which is usually identified in the contract, to be used to determine where a case would be brought in the event of a dispute.	IECRE		SuretyBondSuretyBondPPASecurityLegalJurisdiction	SuretyBondSolarModuleWarrantySecurityLegalJurisdiction
SuretyWarrantyTerm	Surety Warranty Term	Term of the surety warranty bond. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.	IECRE		SuretyBondSolarModuleWarrantySecurityWarrantyTermMonths	
SWIFTCode	SWIFT Code	Swift code for the bank. The Swift code is a standard format of Bank Identifier Codes (BIC) in accordance with ISO 9362.	IECRE		Project_Financing_Swift_Code	Decommissioning_Security_LOC_Swift_Code
SystemAvailabilityActualPercentUptime	System Availability By Month, Actual, Percent	Actual percent uptime of the project during normal operating conditions for a specified month, availability defined per IECRE 61724-3 or through another standard method.	IECRE	61724-3		
SystemAvailabilityActualPercentUptimeInceptionToDate	System Availability Inception To Date Percent, Actual	Percent uptime of the project during normal operating conditions from inception to date, actual, availability defined per IECRE 61724-3 or through another standard method.	IECRE	61724-3		
SystemAvailabilityExpectedPercentUptime	System Availability By Month, Expected, Percent	Expected percent uptime of the project during normal operating conditions for a specified month, defined per IECRE 61724-3 or through another standard method.	IECRE	61724-3		
SystemAvailabilityExpectedPercentUptimeInceptionToDate	System Availability Inception To Date Percent, Expected	Percent uptime of the project during normal operating conditions from inception to date, expected, availability defined per IECRE 61724-3 or through another standard method.	IECRE	61724-4		
SystemCapacityPeakDC	DC Capacity in STC	DC capacity of the system at Standard Test Condition (STC), often referred to as kWp (kilowatt peak).	IECRE		System_Capacity_contract	

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
SystemCommercialOperationsDate	System Commercial Operations, Date	Date the operations of the entity commenced which is when interconnection is made and electricity starts flowing onto the grid, may also be called Operations Commenced Date.	IECRE		OperationsCommencedDate1	
SystemDateCompletedCommissioning	Completed Commissioning, Date	Date of commissioning which includes conditional acceptance by owner.	IECRE		time_completed_commissioning	
SystemDateFinalAcceptance	Final Acceptance, Date	Date when owner accepts system, usually approximately one year after operation begins.	IECRE		Plant acceptance date	
SystemName	System, Name	Name of the system.	IECRE		SystemName	
SystemNumberOfModules	System Modules, Total Number	Aggregate number of modules (panels) in a system.	IECRE		Module - Total Number	
SystemOperatorName	System Operator, Name	Name of company that is responsible for operating the system.	IECRE		Operator	
SystemQualityLevelDescription	System Quality Level, Description	Description of the system quality.	IECRE		PQL	

TaxEquityCashDistributionsPerWatt	Tax Equity Cash Distributions, Amount Per Watt	Amount of payment to tax-equity investors in the reporting period. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted Tax-EquityCashDistributions	Actual Tax-EquityCashDistributions
TaxPreparationFeePerWatt	Tax Preparation Fee Per Watt	Fee for preparing tax returns. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted TaxPreparationFee	Actual TaxPreparationFee
TotalExpectedEnergyAtRevenueMeter	Total Expected Energy At Revenue Meter, Energy	Sum of expected energies for both times of availability and unavailability, calculated as Expected Energy At Revenue Meter + Expected Energy At Unavailable Times. This element should be used with the Period Axis to indicate the period.	IECRE		Expected _Energy_ Total	
TotalOfAllProjectAccountBalancesPerWatt	Total Project Account Balances Per Watt	Total of all project account balances at the end of the reporting period. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted TotalOfAllProjectAccountBalances	Actual TotalOfAllProjectAccountBalances
TrackerIsDualAxis	Tracker Is Dual Axis, Flag	Indicator if the tracker is dual axis; if it is TRUE, if it is not, FALSE.	IECRE		Tracker_dual_axis	
TrackerIsFixedTilt	Tracker Is Fixed Tilt, Flag	Indicator if the tracker is fixed tilt; if it is TRUE, if it is not, FALSE.	IECRE		Fixed tilt tracker	
TrackerIsSingleAxis	Tracker Is Single Axis, Flag	Indicator if the tracker is single axis; if it is TRUE, if it is not, FALSE.	IECRE		Tracker_single_axis	
TransformerStyle	Transformer Style, Description	Description of the tranformer technology style used such as 2/3/4 winding, Inverter step up transformer.	IECRE		Transformer_LV_Type_technology	
UnleveredInternalRateOfReturn	Unlevered Internal Rate Of Return, Percent	Unlevered internal rate of return. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted UnleveredInternalRateOfReturn	Actual UnleveredInternalRateOfReturn
UpdatedMajorDesignModel	Updated PV Design Model	Type of design model when the model is changed which could be Pvsyst, SAM, PV Watts, or Other.	IECRE		Updated_Design_Model	
UtilitiesCostsPerWatt	Utilities Cost Per Watt	Utilities costs incurred during the reporting period for services, such as water, sewer, gas, electricity and telephone required to operate a building. Value should be reported as amount per watt. The StatementScenarioAxis should be used to report values that are predicted. No axis should be used to report values that are actual.	IECRE		Predicted UtilitiesCosts	Actual UtilitiesCosts
UtilityEmailAddress	Utility, Email Address	Utility email address.	IECRE		Utilityconnectemail	
UtilityLegalEntityIdentifier	Utility Legal Entity Identifier	The Legal Entity Identifier of the utility.	IECRE		UtilityconnectID	
UtilityName	Utility Name	Name of utility company where the grid connection will reside.	IECRE		Utility_connect	

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
-----------------------	-----------------------------	------------	--------	--------------------	---------------------------------	---------------------------------

Accounts Payable And Accrued Liabilities Current And Noncurrent	Accounts Payable And Accrued Liabilities	Sum of the carrying values as of the balance sheet date of obligations incurred through that date, including liabilities incurred and payable to vendors for goods and services received, taxes, interest, rent and utilities, compensation costs, payroll taxes and fringe benefits (other than pension and postretirement obligations), contractual rights and obligations, and statutory obligations.				
Accounts Payable And Accrued Liabilities Noncurrent	Accounts Payable and Accrued Liabilities, Noncurrent	Sum of the carrying values as of the balance sheet date of obligations incurred through that date and due after one year (or beyond the operating cycle if longer), including liabilities for compensation costs, fringe benefits other than pension and postretirement obligations, rent, contractual rights and obligations, and statutory obligations.				
Accounts Payable Current	Accounts Payable, Current	Carrying value as of the balance sheet date of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer).				
Accounts Receivable Aging Axis	Accounts Receivable Aging [Axis]	Used as an identifier for outstanding balance amounts on customer accounts at different stages of aging, for example, current, past due 30 days, past due 60 days.				
Accounts Receivable Aging Balance Past Due 1 To 30 Days Member	Accounts Receivable Aging Balance Past Due 1 To 30 Days [Member]	Represents the total outstanding balance for customer accounts that are past due between 1 and 30 days.				
Accounts Receivable Aging Balance Past Due 31 To 60 Days Member	Accounts Receivable Aging Balance Past Due 31 To 60 Days [Member]	Represents the total outstanding balance for customer accounts that are past due between 31 and 60 days.				
Accounts Receivable Aging Balance Past Due 61 To 90 Days Member	Accounts Receivable Aging Balance Past Due 61 To 90 Days [Member]	Represents the total outstanding balance for customer accounts that are past due between 61 and 90 days.				
Accounts Receivable Aging Balance Past Due 91 To 120 Days Member	Accounts Receivable Aging Balance Past Due 91 To 120 Days [Member]	Represents the total outstanding balance for customer accounts that are past due between 91 and 120 days.				
Accounts Receivable Aging Balance Past Due Over 120 Days Member	Accounts Receivable Aging Balance Past Due Over 120 Days [Member]	Represents the total outstanding balance for customer accounts that are past due over 120 days.				
Accounts Receivable Aging Current Balance Member	Accounts Receivable Aging Current Balance [Member]	Represents the current balance for customer accounts.				
Accounts Receivable Aging Domain	Accounts Receivable Aging [Domain]	Used as an identifier for outstanding balance amounts on customer accounts at different stages of aging, for example, current, past due 30 days, past due 60 days.				
Accounts Receivable Aging Line Items	Accounts Receivable Aging [Line Items]	Used to collect information about customer accounts that have outstanding balances.				
Accounts Receivable Aging Outstanding Balance Member	Accounts Receivable Aging Outstanding Balance [Member]	Represents the total outstanding balance for customer accounts.				
Accounts Receivable Aging Table	Accounts Receivable Aging [Table]	Table used to capture information about Accounts Receivables balances in various stages of aging by customer.				
Accounts Receivable Customer Name	Accounts Receivable Customer Name	Name of the customer with an outstanding balance.				

AccountsReceivableGross	Accounts Receivable, Gross	For unclassified balance sheet, amounts due from customers or clients for goods or services that have been delivered or sold in the normal course of business.				
-------------------------	----------------------------	--	--	--	--	--

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
AccountsReceivableNet	Accounts Receivable, Net	For an unclassified balance sheet, the amount due from customers or clients for goods or services that have been delivered or sold in the normal course of business, reduced to their estimated net realizable fair value by an allowance established by the entity of the amount it deems uncertain of collection.				
AccountsReceivableNet	Accounts Receivable, Net	For an unclassified balance sheet, the amount due from customers or clients for goods or services that have been delivered or sold in the normal course of business, reduced to their estimated net realizable fair value by an allowance established by the entity of the amount it deems uncertain of collection.				
AccretionExpense	Accretion Expense	Amount recognized for the passage of time, typically for liabilities, that have been discounted to their net present values. Excludes accretion associated with asset retirement obligations.				
AccruedEnvironmentalLossContingenciesCurrent	Accrued Environmental Loss Contingencies, Current	Carrying value of the obligation (known or estimated) arising from requirements to perform activities to remediate one or more sites, payable in twelve months or in the next operating cycle if longer.				
AccruedLiabilitiesCurrent	Accrued Liabilities, Current	Carrying value as of the balance sheet date of obligations incurred and payable, pertaining to costs that are statutory in nature, are incurred on contractual obligations, or accumulate over time and for which invoices have not yet been received or will not be rendered. Examples include taxes, interest, rent and utilities. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer).				
AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment	Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment	Amount of accumulated depreciation, depletion and amortization for physical assets used in the normal conduct of business to produce goods and services.				
AccumulatedOtherComprehensiveIncomeLossNetOfTax	Accumulated Other Comprehensive Income (Loss), Net of Tax	Accumulated change in equity from transactions and other events and circumstances from nonowner sources, net of tax effect, at period end. Excludes Net Income (Loss), and accumulated changes in equity from transactions resulting from investments by owners and distributions to owners. Includes foreign currency translation items, certain pension adjustments, unrealized gains and losses on certain investments in debt and equity securities, other than temporary impairment (OTTI) losses related to factors other than credit losses on available-for-sale and held-to-maturity debt securities that an entity does not intend to sell and it is not more likely than not that the entity will be required to sell before recovery of the amortized cost basis, as well as changes in the fair value of derivatives related to the effective portion of a designated cash flow hedge.				

ACDisconnectSwitchMember	AC Disconnect Switch [Member]	Device separating the inverter from the electrical grid.				
ActiveEnergyOrParasiticLoad	Active Energy Or Parasitic Load, Amount	Actual amount of active energy consumed by the system, also called Parasitic Load.				
ActualCostPenaltiesFromUnAvailabilityCostPerkWdc	Actual Cost Of Penalties From Unavailability Cost Per kWh, Amount	Actual cost of penalties due to unavailability during period of the availability test in currency/kWh.				
ActualFinancialsMember	Actual Financials [Member]	Actual financial data collected about a system.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ActualOperationsAndMaintenanceCostPerWatt	Actual Operations And Maintenance Cost Per Watt, Amount	Actual cost of ownership for system based on documented expenses for the time period of the test in currency/W.				
ActualToExpectedEnergyProductionOfProjects	Actual To Expected Energy Production, Ratio	Ratio of actual to expected energy production of projects.				
AdditionalPaidInCapital	Additional Paid in Capital	Excess of issue price over par or stated value of the entity's capital stock and amounts received from other transactions involving the entity's stock or stockholders. Includes adjustments to additional paid in capital. Some examples of such adjustments include recording the issuance of debt with a beneficial conversion feature and certain tax consequences of equity instruments awarded to employees. Use this element for the aggregate amount of additional paid-in capital associated with common and preferred stock. For additional paid-in capital associated with only common stock, use the element additional paid in capital, common stock. For additional paid-in capital associated with only preferred stock, use the element additional paid in capital, preferred stock.				
AdvisorInvoicesAbstract	Advisor Invoices [Abstract]	Information about the Advisor Invoices for the project.				
AdvisorInvoicesAvailabilityOfDocument	Availability Of Advisor Invoices, Flag	Indicates if the Advisor Invoices is available. If it is available, TRUE; if it is not available, FALSE.				
AdvisorInvoicesAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Advisor Invoices, Flag	Indicates if there are exceptions to the Advisor Invoices or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
AdvisorInvoicesAvailabilityOfFinalDocument	Availability Of Final Advisor Invoices, Flag	Indicates if the Advisor Invoices is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
AdvisorInvoicesCounterparties	Counterparties To The Advisor Invoices, Names	Names of counterparties to the Advisor Invoices.				
AdvisorInvoicesDocumentLink	Advisor Invoices, Link	Link to the Advisor Invoices document.				
AdvisorInvoicesEffectiveDate	Advisor Invoices, Effective Date	Effective date of the Advisor Invoices.				

AdvisorInvoicesExceptionDescription	Advisor Invoices Exceptions, Description	Description of any exceptions to the Advisor Invoices or issues raised.				
AdvisorInvoicesExpirationDate	Advisor Invoices, Expiration Date	Expiration date of the Advisor Invoices.				
AerosolModelFactorTMMPercent	Aerosol Model Factor, Typical Met Month, Percent	Percentage of kWh lost due to atmospheric aerosol particles, including water vapor or fog, smoke from wildfires or agricultural burning, and air pollution due to urban proximity of system, for a typical meteorological month, calculation based on major design/energy production model used.				
AerosolModelFactorTMYPercent	Aerosol Model Factor, Typical Met Year, Percent	Percentage of kWh lost due to atmospheric aerosol particles, including water vapor or fog, smoke from wildfires or agricultural burning, and air pollution due to urban proximity of system, for a typical meteorological year, calculation based on major design/energy production model used.				
AllowanceAccountForCreditLossesOfFinancialAssets	Allowance Account For Credit Losses Of Financial Assets At Beginning Of Period	The amount of an allowance account used to record impairments to financial assets due to credit losses.				
AllProjectAccountBalances	All Project Account Balances, Amount	Account balance for the project.				
AmericanLandTitleAssociationSurveyAbstract	American Land Title Association Survey [Abstract]	Information about the American Land Title Association (ALTA) Survey.				
AmericanLandTitleAssociationSurveyLink	American Land Title Association Survey, Link	Link to the American Land Title Association (ALTA) survey.				
AmericanLandTitleAssociationSurveyor	American Land Title Association Surveyor, Name	Name of the surveyor providing the American Land Title Association (ALTA) survey.				
AmericanLandTitleAssociationSurveyStatus	American Land Title Association Survey, Status	Status of the American Land Title Association Survey (ALTA).				
AppraisalAbstract	Appraisal [Abstract]	Information about the appraisal.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
AppraisalAvailabilityOfDocument	Availability Of Appraisal, Flag	Indicates if the Appraisal is available. If it is available, TRUE; if it is not available, FALSE.				
AppraisalAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Appraisal, Flag	Indicates if there are exceptions to the Appraisal or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
AppraisalAvailabilityOfFinalDocument	Availability Of Final Appraisal, Flag	Indicates if the Appraisal is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
AppraisalCostApproach	Appraisal Cost Approach, Flag	Indicates if the appraisal considers the cost approach. If it does, TRUE; if it does not, FALSE.				
AppraisalCounterparties	Counterparties To The Appraisal, Names	Names of counterparties to the Appraisal.				
AppraisalDetailsLineItems	Appraisal Details [Line Items]	Used to group a listing of information about the Appraisal.				

AppraisalDocumentLink	Appraisal, Link	Link to the Appraisal document.				
AppraisalEffectiveDate	Appraisal, Effective Date	Effective date of the Appraisal.				
AppraisalEnteredDate	Appraisal, Entered Date	Date on which appraisal was entered / corrected.				
AppraisalExceptionDescription	Appraisal Exceptions, Description	Description of any exceptions to the Appraisal or issues raised.				
AppraisalExpirationDate	Appraisal, Expiration Date	Expiration date of the Appraisal.				
AppraisalIdentifier	Appraisal Identifier	Identifier for an appraisal performed on a site.				
AppraisalIdentifierAxis	Appraisal Identifier [Axis]	Used as the identifier for the Appraisal.				
AppraisalIdentifierDomain	Appraisal Identifier	Used as the identifier for the Appraisal.				
AppraisalIncomeApproach	Appraisal Income Approach, Flag	Indicates if the appraisal considers the income approach. If it does, TRUE; if it does not, FALSE.				
AppraisalInputDevelopmentFee	Appraisal Input, Development Fee, Amount	Amount of the development fee as an input to the appraisal.				
AppraisalInputEngineeringProcurementandConstructionFee	Appraisal Input, Engineering Procurement and Construction Fee, Amount	Amount of the Engineering Procurement and Construction fee, as an input to the appraisal.				
AppraisalInputInvestmentTaxCreditBasisForSystemPercent	Appraisal Input, Investment Tax Credit Basis for System, Percent	The Investment Tax Credit-eligible basis for the plant.				
AppraisalInputInvestmentTaxCreditForStorage	Appraisal Input, Investment Tax Credit for Storage, Amount	The Investment Tax Credit-eligible amount for the storage component.				
AppraisalInputInvestmentTaxCreditforSystem	Appraisal Input, Investment Tax Credit for System, Amount	The Investment Tax Credit-eligible amount for the plant.				
AppraisalInputStorageUsefulLife	Appraisal Input, Storage, Useful Life	Useful life of storage system in years, as input to the appraisal.				
AppraisalInputWeightedAverageCostofCapitalPercent	Appraisal Input, Weighted Average Cost of Capital, Percent	Weighted average cost of capital under income approach as an input to the appraisal.				
AppraisalMarketComparison	Appraisal Market Comparison, Flag	Indicates if the appraisal considers market comparables. If it does, TRUE; if it does not, FALSE.				
AppraisalMethod	Appraisal Method, Description	Description of the methodology for the appraisal, for example, average, lower of, or higher of.				
AppraisalSource	Appraisal Source, Description	Description of the source of the appraisal, for example, sponsor, internal or appraiser.				
AppraisalStage	Appraisal Stage, Description	Identifies the stage of the appraisal, for example, closing, initial funding, final funding.				

AppraisalStatus	Appraisal Status, Description	Identifies the status of the appraisal, for example, preliminary, indicative or final.				
AppraisalTable	Appraisal [Table]	Represents information about appraisals used to value the system. Multiple appraisals can be performed; data about an individual appraisal may include source, status, stage, date, valuation method used, version, useful life of the plant and the storage system, as well as information about the ITC such as the amount of ITC for which the plant and storage system are eligible.				
AppraisalVersion	Appraisal Version, Description	Description of the version of the appraisal.				
AppraisedValueAxis	Appraised Value [Axis]	Used as the identifier for the appraised value.				
AppraisedValueDetailsLineItems	Appraised Value Details [Line Items]	Used to group a listing of information about the appraised value.				
AppraisedValueFairMarketValue	Appraised Value, Fair Market Value, Amount	Total appraised value for the system at fair market value.				
AppraisedValueIdentifierAxis	Appraisal Identifier [Axis]	Used as the identifier for the appraised value.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
AppraisedValueIdentifierDomain	Appraised Value [Domain]	Used as the identifier for the appraised value.				
AppraisedValueStorageComponent	Appraised Value, Storage Component, Amount	Appraised value for the storage component.				
AppraisedValueSystemCostMethod	Appraised Value System, Cost Method, Amount	Appraised value for the total system based on the cost method.				
AppraisedValueSystemIncomeMethod	Appraised Value System, Income Method, Amount	Appraised value for the total system based on the income method.				
AppraisedValueSystemMarketCompMethod	Appraised Value System, Market Comp Method, Amount	Appraised value for the total system based on the market comparable method.				
AppraisedValueTable	Appraised Value [Table]	Represents information about appraised values for a system including the appraisal identifier, valuation point and appraised values for the total system, the storage component, income value, cost value, and market comparative value for the total system.				
AppraisedValueToAppraisedValueAtCommercialOperationsDatePercent	Appraised Value to Appraised Value at Commercial Operations Date, Percent	Appraised value as % of appraised value at commercial operations date.				
AppraisedValueValuationPoint	Appraised Value, Valuation Point	Point in time for which value is appraised, for example, at commercial operations date, at flip point, at PPA expiration.				
ApprovalConditionActionDescription	Approval Condition Action, Description	Description of actions taken in response to the approval condition.				

ApprovalConditionAxis	Approval Condition [Axis]	Identifier for the approval condition for an individual financing event.				
ApprovalConditionDescription	Approval Condition, Description	Description of the approval condition and possible follow up.				
ApprovalConditionDomain	Approval Condition [Domain]	Identifier for the approval condition for an individual financing event.				
ApprovalConditionLineItems	Approval Condition [Line Items]	Use to group a listing of information about the approval condition for a financing event.				
ApprovalConditionStatus	Approval Condition, Status	Status of the approval condition or follow up request, for example open or closed.				
ApprovalConditionTable	Approval Condition [Table]	Represents information about the approval condition for a financing event which can include a description of the condition or follow up item, action taken and status, for example, completed the full or partial capacity deliverability study.				
ApprovalIdentifier	Approval Identifier	Identifier for the approval needed for a financing event.				
ApprovalMemoAxis	Approval Memo [Axis]	Identifier for the approval memo for an individual financing event.				
ApprovalMemoDomain	Approval Memo [Domain]	Identifier for the approval memo for an individual financing event.				
ApprovalMemoLineItems	Approval Memo [Line Items]	Use to group a listing of information about the approval memo for a financing event.				
ApprovalMemoLink	Approval Memo, Link	Link to the approval memo.				
ApprovalMemoSubmissionDate	Approval Memo, Submission Date	Date on which the approval memo was submitted.				
ApprovalMemoTable	Approval Memo [Table]	Represents information about the approval memo for a financing event which may include the a description of the memo, date and link to the memo.				
ApprovalNoticeAbstract	Approval Notice [Abstract]	Information about the Approval Notice for the project.				
ApprovalNoticeAvailabilityOfDocument	Availability Of Approval Notice, Flag	Indicates if the Approval Notice is available. If it is available, TRUE; if it is not available, FALSE.				
ApprovalNoticeAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Approval Notice, Flag	Indicates if there are exceptions to the Approval Notice or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
ApprovalNoticeAvailabilityOfFinalDocument	Availability Of Final Approval Notice, Flag	Indicates if the Approval Notice is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
ApprovalNoticeCounterparties	Counterparties To The Approval Notice, Names	Names of counterparties to the Approval Notice.				
ApprovalNoticeDocumentLink	Approval Notice, Link	Link to the Approval Notice document.				

ApprovalNoticeEffectiveDate	Approval Notice, Effective Date	Effective date of the Approval Notice.				
-----------------------------	---------------------------------	--	--	--	--	--

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ApprovalNoticeExceptionDescription	Approval Notice Exceptions, Description	Description of any exceptions to the Approval Notice or issues raised.				
ApprovalNoticeExpirationDate	Approval Notice, Expiration Date	Expiration date of the Approval Notice.				
ApprovalsAbstract	Approval [Abstract]	Information about the approvals needed for a financing event.				
ApprovalsAvailabilityofProof	Approvals, Availability of Proof, Flag	Indication that proof of approval is available. If proof of approval is available, TRUE; if not, FALSE.				
ApprovalsAxis	Approvals [Axis]	Identifier for the approvals for an individual financing event.				
ApprovalsDateofApproval	Approvals, Date of Approval	Date on which final approval was obtained.				
ApprovalsDomain	Approvals [Domain]	Identifier for the approvals for an individual financing event.				
ApprovalsGrantingEmployee	Approvals, Granting Employee	Identifier for the employee granting approval.				
ApprovalsLineItems	Approvals [Line Items]	Used to group a listing of information about the approvals for a financing event.				
ApprovalsProofLink	Approvals, Proof, Link	Link to the proof of approval.				
ApprovalsStatus	Approvals Status	Status of the approval request, for example Not Submitted, Submitted, Conditional Approval, Final Approval, Declined.				
ApprovalsTable	Approvals [Table]	Represents information about the approvals for a financing event which may include identifier for the financing event to which the approval applies, type of approval (for example for solar project finance, credit or special purpose entity), status of the approval request and date that final approval was received.				
ApprovalsTypeDescription	Approvals Type, Description	Description of the type of approval, for example Solar Project Finance, Line of Business, Credit, Special Purpose Entity.				
ArrayConfigurationAbstract	Array Configuration [Abstract]	Information about the array in an installation which can be a single array or a set of sub arrays. A sub array is a PV surface unit connected to an inverter.				
ArrayNumberOfSubArrays	Array, Number Of SubArrays	Number of sub arrays which are PV surface unit connected to an inverter.				
ArrayTotalModuleArea	Array, Total Module Area	Area covered by all modules in the array.				

AssetManagementContractAbstract	Asset Management Contract [Abstract]	Information about the Asset Management Contract.				
AssetManagementContractAvailabilityOfDocument	Availability Of Asset Management Contract, Flag	Indicates if the Asset Management Contract is available. If it is available, TRUE; if it is not available, FALSE.				
AssetManagementContractAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Asset Management Contract, Flag	Indicates if there are exceptions to the Asset Management Contract. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
AssetManagementContractAvailabilityOfFinalDocument	Availability Of Final Asset Management Contract, Flag	Indicates if the Asset Management Contract is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
AssetManagementContractCounterparty	Asset Management Contract, Counterparty	Name of the asset manager.				
AssetManagementContractDocumentLink	Asset Management Contract, Link	Link to the Asset Management Contract document.				
AssetManagementContractExceptionDescription	Asset Management Contract Exceptions, Description	Description of any exceptions to the Asset Management Contract.				
AssetManagementContractExpenseActual	Asset Management Expense, Actual, Amount	Amount of actual asset management expenses.				
AssetManagementContractExpenseExpected	Asset Management Expense, Expected, Amount	Amount of expected asset management expenses.				
AssetManagementContractExpirationDate	Asset Management Contract, Expiration Date	Expiration date of the Asset Management Contract.				
AssetManagementContractInitiationDate	Asset Management Contract, Initiation Date	Initiation date of the Asset Management Contract.				
AssetManagementContractInvoicingDate	Asset Management Contract, Invoicing Date	Invoicing date of the Asset Management Contract.				
AssetManagementContractPaymentDeadline	Asset Management Contract, Payment Deadline	Payment terms for the Asset Management Contract agreement.				
AssetManagementContractPaymentMethod	Asset Management Contract Payment Method, Description	Payment method for the Asset Management Contract.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
AssetManagementContractRate	Asset Management Contract, Rate Per Power Unit	Price rate in currency per kWdc per year for the Asset Management Contract.				
AssetManagementContractRateAmount	Asset Management Contract, Rate, Amount	Rate for the Asset Management Contract.				
AssetManagementContractRateEscalator	Asset Management Contract, Rate Escalator, Percent	Escalator percent per year in the Asset Management Contract.				
AssetManagementContractSubcontractor	Asset Management Contract Subcontractor	Name of the subcontractor in the Asset Management Contract.				
AssetManagementContractSubcontractorScope	Asset Management Contract Subcontractor Scope of Work, Description	Description of scope of work to be performed by the subcontractor to the Asset Management Contract.				

AssetManagementContractTerm	Asset Management Contract, Term	Term of the Asset Management Contract. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
AssetManagementContractType	Asset Management Contract, Type, Description	Description of the Asset Management Contract.				
AssetManagementCosts	Asset Management Costs, Amount	The aggregate costs related to asset management during the reporting period.				
AssetManagerAbstract	Asset Manager [Abstract]	Information about the asset manager.				
AssetManagerAbstract	Asset Manager [Abstract]	Information about the Asset Manager.				
AssetManagerBillingMethod	Asset Manager Billing Method, Description	Description of the asset manager billing method.				
AssetManagerConsumablesStrategy	Asset Manager Consumables Management Strategy, Description	Description of the asset manager's strategy to manage consumable parts, which are items such as fuses that are used up quickly and must be replenished.				
AssetManagerContinuityOfOperationProgram	Asset Manager Continuity of Asset Program, Description	Description of the asset manager continuity of operations program.				
AssetManagerDetailsLineItems	Asset Manager Details [Line Items]	Used to group a listing of information about an Asset Manager.				
AssetManagerEnergyForecastingCapabilities	Asset Manager Energy Forecasting Capabilities, Description	Description of the energy forecasting and settlement capabilities and tools of the asset manager.				
AssetManagerFailureAndRemediationProcedures	Asset Manager Failure and Remediation Procedures, Description	Description of the asset manager failure and remediation procedures.				
AssetManagerFederalTaxIdentificationNumber	Asset Manager, Federal Tax Identification Number	Federal tax identification number for the Asset Manager.				
AssetManagerIdentifier	Asset Manager Identifier	Identifier for the Asset Manager.				
AssetManagerIdentifierAxis	Asset Manager Identifier [Axis]	Used as the identifier for Asset Managers.				
AssetManagerIdentifierDomain	Asset Manager Identifier	Used as the identifier for Asset Managers.				
AssetManagerInsurancePolicyManagement	Asset Manager Insurance Policy Management, Description	Description of the asset manager insurance policy management.				
AssetManagerMegawattUnderManagement	Asset Manager Megawatt Under Management, Number	Number of Megawatt under management by the asset manager.				
AssetManagerNERCAndFERCQualifications	Asset Manager NERC and FERC Qualifications, Description	Description of the qualifications required through the North American Electric Reliability Corporation (NERC) and Federal Regulatory Commission (FERC) for the asset manager.				

AssetManagerNumberOfProjects	Asset Manager Projects, Number	Number of projects under management by the asset manager.				
AssetManagerNumberOfStates	Asset Manager States, Number	Number of states where Asset manager operates.				
AssetManagerOperationalCenter	Asset Manager Operational Center, Description	Description of the operational center managed by the asset manager.				
AssetManagerOtherServices	Asset Manager Other Services, Description	Description of the other service offerings available from the asset manager.				
AssetManagerOutsourcingPlan	Asset Manager Outsourcing Plan, Description	Description of operational areas that will be outsourced along with qualifications of the companies the asset manager will engage.				
AssetManagerPerformanceByGeographyAbstract	Asset Manager Performance By Geography [Abstract]	Information about the performance of the asset manager by state.				
AssetManagerPerformanceByGeographyLineItems	Asset Manager Performance By Geography [Line Items]	Used to group information about the state by state performance of the asset manager.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
AssetManagerPerformanceByGeographyTable	Asset Manager Performance By Geography [Table]	Table represents state by state performance defined as actual to energy production of projects of the asset manager.				
AssetManagerPerformanceGuarantees	Asset Manager Performance Guarantees, Description	Description of the asset manager performance guarantees.				
AssetManagerPreventativeAndCorrectiveMaintenance	Asset Manager Preventative and Corrective Maintenance, Description	Description of the preventative and corrective maintenance plan and use of major maintenance budgets and reserve account by the asset manager.				
AssetManagerProjectsOwnedToThirdPartyProjects	Asset Manager Projects Owned by Manager Projects Owned By Third Party, Percent	Ratio of projects owned by the asset manager versus projected owned by third parties.				
AssetManagerRenewableEnergyCreditAccounting	Asset Manager Renewable Energy Credit Accounting, Description	Description of the asset manager plans for renewable energy credit (REC) accounting, for example through WREGIS, renewable energy registry and tracking.				
AssetManagerReporting	Asset Manager Reporting, Description	Description of the asset manager reporting plan, for example monthly operating reports, establishing a reporting portal.				
AssetManagerSparePartsStrategy	Asset Manager Spare Parts Management Strategy, Description	Description of the asset manager's strategy to manage spare parts.				
AssetManagerSupplyStrategy	Asset Manager Supply Strategy, Description	Description of the asset manager supply strategy.				
AssetManagerTable	Asset Manager [Table]	Represents information about an asset manager which can include number of megawatts and projects under management, states where the manager has operated, production statistics, NERC and FERC qualifications, as well as description of strategies for reporting, continuity programs, supply, remediation, insurance policies and REC accounting, and other information that may be helpful in making an evaluation.				

AssetManagerWarrantyExperience	Asset Manager Warranty Experience, Description	Description of the asset manager warranty claims experience and warranty work management.				
AssetManagerWorkflow	Asset Manager Workflow, Description	Description of the asset manager workflow process and ticketing system.				
AssetRetirementObligation	Asset Retirement Obligation	The carrying amount of a liability for an asset retirement obligation. An asset retirement obligation is a legal obligation associated with the disposal or retirement of a tangible long-lived asset that results from the acquisition, construction or development, or the normal operations of a long-lived asset, except for certain obligations of lessees.				
AssetRetirementObligationCurrent	Asset Retirement Obligation, Current	Current portion of the carrying amount of a liability for an asset retirement obligation. An asset retirement obligation is a legal obligation associated with the disposal or retirement of a tangible longlived asset that results from the acquisition, construction or development, or the normal operations of a long-lived asset, except for certain obligations of lessees.				
AssetRetirementObligationsNoncurrent	Asset Retirement Obligations, Noncurrent	Noncurrent portion of the carrying amount of a liability for an asset retirement obligation. An asset retirement obligation is a legal obligation associated with the disposal or retirement of a tangible longlived asset that results from the acquisition, construction or development, or the normal operations of a long-lived asset, except for certain obligations of lessees.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
Assets	Assets	Sum of the carrying amounts as of the balance sheet date of all assets that are recognized. Assets are probable future economic benefits obtained or controlled by an entity as a result of past transactions or events.				
Assets	Assets	Sum of the carrying amounts as of the balance sheet date of all assets that are recognized. Assets are probable future economic benefits obtained or controlled by an entity as a result of past transactions or events.				
AssetsAbstract	Assets [Abstract]					
AssetsCurrent	Assets, Current	Sum of the carrying amounts as of the balance sheet date of all assets that are expected to be realized in cash, sold, or consumed within one year (or the normal operating cycle, if longer). Assets are probable future economic benefits obtained or controlled by an entity as a result of past transactions or events.				
AssetsCurrentAbstract	Assets, Current [Abstract]					
AssetsNoncurrent	Assets, Noncurrent	Sum of the carrying amounts as of the balance sheet date of all assets that are expected to be realized in cash, sold or consumed after one year or beyond the normal operating cycle, if longer.				

AssetsNoncurrentAbstract	Assets, Noncurrent [Abstract]					
AssetsSolarFacilities	Assets Solar Facilities	Amount of assets classified as solar facilities.				
AssignmentAndAssumptionAgreementAbstract	Assignment And Assumption Agreement [Abstract]	Information about the Assignment and Assumption Agreement for the project.				
AssignmentAndAssumptionAgreementAvailabilityOfDocument	Availability Of Assignment And Assumption Agreement, Flag	Indicates if the Assignment and Assumption Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
AssignmentAndAssumptionAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Assignment And Assumption Agreement, Flag	Indicates if there are exceptions to the Assignment and Assumption Agreement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
AssignmentAndAssumptionAgreementAvailabilityOfFinalDocument	Availability Of Final Assignment And Assumption Agreement, Flag	Indicates if the Assignment and Assumption Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
AssignmentAndAssumptionAgreementCounterparties	Counterparties To The Assignment And Assumption Agreement, Names	Names of counterparties to the Assignment and Assumption Agreement.				
AssignmentAndAssumptionAgreementEffectiveDate	Assignment And Assumption Agreement, Effective Date	Effective date of the Assignment and Assumption Agreement.				
AssignmentAndAssumptionAgreementExceptionDescription	Assignment And Assumption Agreement Exceptions, Description	Description of any exceptions to the Assignment and Assumption Agreement or issues raised.				
AssignmentAndAssumptionAgreementExpirationDate	Assignment And Assumption Agreement, Expiration Date	Expiration date of the Assignment and Assumption Agreement.				
AssignmentAndAssumptionsDocumentLink	Assignment And Assumption Agreement, Link	Link to the Assignment And Assumption Agreement document.				
AssignmentOfInterestAbstract	Assignment Of Interest [Abstract]	Information about an Assignment of Interest Agreement which covers assignment of ownership or other collateral.				
AssignmentOfInterestAvailabilityOfDocument	Availability Of Assignment Of Interest, Flag	Indicates if the Assignment of Interest is available. If it is available, TRUE; if it is not available, FALSE.				
AssignmentOfInterestAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Assignment Of Interest, Flag	Indicates if there are exceptions to the Assignment of Interest or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
AssignmentOfInterestAvailabilityOfFinalDocument	Availability Of Final Assignment Of Interest, Flag	Indicates if the Assignment of Interest is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
AssignmentOfInterestCounterparties	Counterparties To The Assignment Of Interest, Names	Names of counterparties to the Assignment of Interest.				
AssignmentOfInterestDocumentLink	Assignment Of Interest, Link	Link to the Assignment Of Interest document.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
AssignmentOfInterestEffectiveDate	Assignment Of Interest, Effective Date	Effective date of the Assignment of Interest.				

AssignmentOfInterestExceptionDescription	Assignment Of Interest Exceptions, Description	Description of any exceptions to the Assignment of Interest or issues raised.				
AssignmentOfInterestExpirationDate	Assignment Of Interest, Expiration Date	Expiration date of the Assignment of Interest.				
AuditFees	Audit Fees	Amount of audit fees incurred during the period.				
AuthorityHavingJurisdictionIdentifier	Authority Having Jurisdiction Identifier	Municipal authority, for example, town, city or country, that has jurisdiction to define local code requirements.				
AuthorizationToMarkLetterFromNRTL	Authorization To Mark Letter From NRTL, Flag	Indicates if the signed Authorization to Mark Letter is from NRTL. If it was, TRUE; if it was not, FALSE.				
AverageTimeBetweenEquipmentFailures	Operational Issues, Average Time Between Equipment Failures	Average amount of time between failures of any piece of equipment or the system as a whole. The value should be entered as a durationItem using the ISO8601 format of PnYnMnDtnHnMnS, where H means hours, M means minutes, and S means seconds.				
BackupAssetManagementAbstract	Backup Asset Management [Abstract]	Information about the backup asset management.				
BackupAssetManagementContractCounterparty	Continuity of Operations Agreement, Backup Asset Management Contract Counterparty	Name of backup asset management company.				
BackupAssetManagementContractTerm	Continuity of Operations Agreement, Backup Asset Management Contract Term	Term of the Backup Asset Management Contract. The value should be entered using the ISO8601 format of PnYnMnDtnHnMnS. For example, a 5year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
BackupAssetManagementExpirationDate	Backup Asset Management, Expiration Date	Expiration date of the backup asset management agreement.				
BackupAssetManagementFeePriorToActivation	Continuity of Operations Agreement, Backup Asset Management Fee Prior to Activation, Amount	Amount paid prior to activation of the backup asset management program.				
BackupAssetManagementInitiationDate	Continuity of Operations Agreement, Backup Asset Management, Initiation Date	Initiation date of the backup asset management contract.				
BackupAssetManagementMobilizationFee	Continuity of Operations Agreement, Backup Asset Management Mobilization Fee, Amount	Mobilization fee for backup Operations and Maintenance contract.				
BackupAssetManagementMonthlyFee	Continuity of Operations Agreement, Backup Asset Management Monthly Fee	Monthly fees for duration of the backup asset management program.				
BackupOperationsAndMaintenanceAbstract	Backup Operations and Maintenance [Abstract]	Information about the backup operations and maintenance plan.				
BackupOperationsAndMaintenanceContractCounterparty	Continuity of Operations Agreement, Backup Operations and Maintenance Contract, Counterparty	Name of backup Operations and Maintenance contract counterparty.				
BackupOperationsAndMaintenanceContractInitiationDate	Continuity of Operations Agreement, Backup Operations and Maintenance Contract, Initiation Date	Initiation date for backup Operations and Maintenance contract.				

BackupOperationsAndMaintenanceContractTerm	Backup Operations and Maintenance Contract, Term	Term of Backup Operations and Maintenance contract. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6month and 10-day term would be represented as P4Y6M10D.				
BackUpOperationsAndMaintenanceMonthlyFee	Backup Operations and Maintenance Monthly Fee, Amount	Monthly fees for backup Operations and Maintenance Contract.				
BackupOperationsAndMaintenanceUpfrontMobilizationFee	Continuity of Operations Agreement, Backup Operations and Maintenance Upfront Mobilization Fee, Amount	Mobilization fee for backup Operations and Maintenance contract per the Continuity of Operations Agreement which is the plan for the installation going forward including contingencies which may be triggered by financial performance.				
BankAccountAbstract	Bank Account [Abstract]	Information about the Bank Account.				
BankAccountDetailsLineItems	Bank Account Details [Line Items]	Used to group a listing of information about a Bank Account.				
BankAccountIdentifierAxis	Bank Account Identifier [Axis]	Used as the identifier for the Bank Accounts.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
BankAccountIdentifierDomain	Bank Account Identifier [Domain]	Used as the identifier for the Bank Accounts.				
BankAccountNumber	Bank Account, Number	Bank account number.				
BankAccountTable	Bank Account [Table]	Represents information related to a bank account which can include account number, routing number, type of bank account, identifier for the special purpose vehicle to which the account is associated, and name of bank.				
BankAccountTypeDescription	Bank Account Type, Description	Description of the type of bank account, for example, operating, lockbox, reserve, accrual.				
BankInvestment	Bank Investment, Amount	Size of the banks investment in the entity.				
BankName	Bank, Name	Bank at which account is held.				
BankRoutingNumber	Bank, Routing Number	Routing number for the bank account.				
BatteryInverterMember	Battery inverter [Member]	Battery Inverter equipment.				
BatteryManagementSystemMember	Battery Management System [Member]	Battery management system equipment.				
BatteryMember	Battery [Member]	Battery equipment.				

BillOfSaleAbstract	Bill Of Sale [Abstract]	Information about the Bill of Sale for the installation.				
BillOfSaleAvailabilityOfDocument	Availability Of Bill Of Sale, Flag	Indicates if the Bill of Sale for the installation is available. If it is available, TRUE; if it is not available, FALSE.				
BillOfSaleAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Bill Of Sale, Flag	Indicates if there are exceptions to the Bill of Sale for the installation or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
BillOfSaleAvailabilityOfFinalDocument	Availability Of Final Bill Of Sale, Flag	Indicates if the Bill of Sale for the installation is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
BillOfSaleCounterparties	Counterparties To The Bill Of Sale, Names	Names of counterparties to the Bill of Sale for the installation.				
BillOfSaleDocumentLink	Bill Of Sale, Link	Link to the Bill Of Sale document.				
BillOfSaleEffectiveDate	Bill Of Sale, Effective Date	Effective date of the Bill of Sale for the installation.				
BillOfSaleExceptionDescription	Bill Of Sale Exceptions, Description	Description of any exceptions to the Bill of Sale for the installation or issues raised.				
BillOfSaleExpirationDate	Bill Of Sale, Expiration Date	Expiration date of the Bill of Sale for the installation.				
BoardResolutionDocumentLink	Board Resolution, Link	Link to the Board Resolution document.				
BoardResolutionForMasterLesseeLesseeAndOperatorAbstract	Board Resolution For Master Lessee, Lessee and Operator [Abstract]	Information about the Board Resolution for Master Lessee, Lessee and Operator for the project.				
BoardResolutionForMasterLesseeLesseeAndOperatorAvailabilityOfDocument	Availability Of Board Resolution For Master Lessee, Lessee and Operator, Flag	Indicates if the Board Resolution for Master Lessee, Lessee and Operator is available. If it is available, TRUE; if it is not available, FALSE.				
BoardResolutionForMasterLesseeLesseeAndOperatorAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Board Resolution For Master Lessee, Lessee and Operator, Flag	Indicates if there are exceptions to the Board Resolution for Master Lessee, Lessee and Operator or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
BoardResolutionForMasterLesseeLesseeAndOperatorAvailabilityOfFinalDocument	Availability Of Final Board Resolution For Master Lessee, Lessee and Operator, Flag	Indicates if the Board Resolution for Master Lessee, Lessee and Operator is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
BoardResolutionForMasterLesseeLesseeAndOperatorCounterparties	Counterparties To The Board Resolution For Master Lessee, Lessee and Operator, Names	Names of counterparties to the Board Resolution for Master Lessee, Lessee and Operator.				
BoardResolutionForMasterLesseeLesseeAndOperatorEffectiveDate	Board Resolution For Master Lessee, Lessee and Operator, Effective Date	Effective date of the Board Resolution for Master Lessee, Lessee and Operator.				
BoardResolutionForMasterLesseeLesseeAndOperatorExceptionDescription	Board Resolution For Master Lessee, Lessee and Operator Exceptions, Description	Description of any exceptions to the Board Resolution for Master Lessee, Lessee and Operator or issues raised.				
BoardResolutionForMasterLesseeLesseeAndOperatorExpirationDate	Board Resolution For Master Lessee, Lessee and Operator, Expiration Date	Expiration date of the Board Resolution for Master Lessee, Lessee and Operator.				
BreakageFeeAgreementAbstract	Breakage Fee Agreement [Abstract]	Information in the Breakage Fee Agreement which is used if the developer decides not to move forward and the agreement is broken.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
BreakageFeeAgreementAvailabilityOfDocument	Availability Of Breakage Fee Agreement, Flag	Indicates if the Breakage Fee Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
BreakageFeeAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Breakage Fee Agreement, Flag	Indicates if there are exceptions to the Breakage Fee Agreement. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
BreakageFeeAgreementAvailabilityOfFinalDocument	Availability Of Final Breakage Fee Agreement, Flag	Indicates if the Breakage Fee Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
BreakageFeeAgreementDeveloperFee	Breakage Fee For Developer, Amount	Amount of breakage fee for the developer, used in the event the project is not funded, or if either counterparty breaks funding agreement.				
BreakageFeeAgreementDocumentLink	Breakage Fee Agreement, Link	Link to the Breakage Fee Agreement document.				
BreakageFeeAgreementEffectiveDate	Breakage Fee Agreement, Effective Date	Effective date of the Breakage Fee Agreement.				
BreakageFeeAgreementExceptionDescription	Breakage Fee Agreement Exceptions, Description	Description of any exceptions to the Breakage Fee Agreement.				
BreakageFeeAgreementExpirationDate	Breakage Fee Agreement, Expiration Date	Expiration date of the Breakage Fee Agreement.				
BreakageFeeAgreementInvestorFee	Breakage Fee For Investor, Amount	Amount of breakage fee for the investor, used in the event the project is not funded, or if either counterparty breaks funding agreement.				
BreakageFeeContractingParties	Breakage Fee Side Letter, Contracting Parties	Name of developer and name of investor who are party to the Breakage Fee Side Letter, which is used in the event the project is not funded or if the developer decides not to move forward with the project and breaks the agreement.				
BreakageFeeEffectiveDate	Breakage Fee Agreement, Date	Effective date of the Breakage Fee Side Letter, used in the event the project is not funded or if the developer decides not to move forward with the project and breaks the agreement.				
BuildAbstract	Build [Abstract]	Information used during the build phase of a solar installation.				
BuildingInspectionAbstract	Building Inspection [Abstract]	Information about the Building Inspection for the project.				
BuildingInspectionAvailabilityOfDocument	Availability Of Building Inspection, Flag	Indicates if the Building Inspection is available. If it is available, TRUE; if it is not available, FALSE.				
BuildingInspectionAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Building Inspection, Flag	Indicates if there are exceptions to the Building Inspection or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
BuildingInspectionAvailabilityOfFinalDocument	Availability Of Final Building Inspection, Flag	Indicates if the Building Inspection is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
BuildingInspectionCounterparties	Counterparties To The Building Inspection, Names	Names of counterparties to the Building Inspection.				
BuildingInspectionDocumentLink	Building Inspection, Link	Link to the Building Inspection document.				

BuildingInspectionEffectiveDate	Building Inspection, Effective Date	Effective date of the Building Inspection.				
BuildingInspectionExceptionDescription	Building Inspection Exceptions, Description	Description of any exceptions to the Building Inspection or issues raised.				
BuildingInspectionExpirationDate	Building Inspection, Expiration Date	Expiration date of the Building Inspection.				
BusinessInterruptionInsuranceAbstract	Business Interruption Insurance [Abstract]	Information about Business Interruption Insurance.				
BusinessInterruptionInsuranceLineItems	Business Interruption Insurance [Line Items]	Used to group information about Business Interruption insurance related to the project or the system.				
BusinessInterruptionInsuranceTable	Business Interruption Insurance [Table]	Table containing information about Business Interruption insurance, which may be required for different participants to the project such as a contractor, subcontractor, or project owner.				
CaliforniaRule21SourceRequirementDocumentUsed	California Rule 21 Source Requirement Document Used, Flag	Indicates if California Rule 21 was the source requirement document (SRD) for the tests. If it was, TRUE; if it was not, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
CapitalLeaseObligationsNoncurrent	Capital Lease Obligations, Noncurrent	Amount equal to the present value (the principal) at the beginning of the lease term of minimum lease payments during the lease term (excluding that portion of the payments representing executory costs such as insurance, maintenance, and taxes to be paid by the lessor, together with any profit thereon) net of payments or other amounts applied to the principal, through the balance sheet date and due to be paid more than one year (or one operating cycle, if longer) after the balance sheet date.				
CashAndCashEquivalentsAtCarryingValue	Cash and Cash Equivalents, at Carrying Value	Amount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation.				
CashAndCashEquivalentsAtCarryingValue	Cash and Cash Equivalents, at Carrying Value	Amount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation.				
CashDistributionAxis	Cash Distribution [Axis]	Used as identifier for cash distributions made to investors from the project.				

CashDistributionIdentifierDomain	Cash Distribution Identifier	Used as identifier for cash distributions made to investors from the project.				
CashDistributionLineItems	Cash Distribution [Line Items]	Used to show information about the cash distribution payments made from the project to investors.				
CasualtyInsuranceAbstract	Casualty Insurance [Abstract]	Information about Casualty insurance.				
CasualtyInsuranceLineItems	Casualty Insurance [Line Items]	Used to group information about Casualty insurance related to the project or the system.				
CasualtyInsuranceTable	Casualty Insurance [Table]	Table containing information about Casualty insurance, which may be required for different participants to the project such as a contractor, subcontractor, or project owner.				
CECListingDate	California Energy Commission Listing, Date	Date when the product model was listed in the California Commission (CEC) repository.				
CertificateOfAcceptanceAbstract	Certificate Of Acceptance Report [Abstract]	Information about the Certificate of Acceptance Report which is issued when the project is complete, to provide confirmation that whoever receives the project has accepted it from the contractor.				
CertificateOfAcceptanceAvailabilityOfDocument	Availability Of Certificate Of Acceptance Report, Flag	Indicates if the Certificate of Acceptance Report is available. If it is available, TRUE; if it is not available, FALSE.				
CertificateOfAcceptanceAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Certificate Of Acceptance Report, Flag	Indicates if there are exceptions to the Certificate of Acceptance Report. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
CertificateOfAcceptanceAvailabilityOfFinalDocument	Availability Of Final Certificate Of Acceptance Report, Flag	Indicates if the Certificate of Acceptance Report is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
CertificateOfAcceptanceCounterparties	Counterparties To The Certificate Of Acceptance Report, Names	Names of counterparties to the Certificate of Acceptance Report.				
CertificateOfAcceptanceEffectiveDate	Certificate Of Acceptance Report, Effective Date	Effective date of the Certificate of Acceptance Report.				
CertificateOfAcceptanceExceptionDescription	Certificate Of Acceptance Report Exceptions, Description	Description of any exceptions to the Certificate of Acceptance Report.				
CertificateOfAcceptanceLink	Certificate Of Acceptance Report, Link	Link to the Certificate of Acceptance Report.				
CertificateOfCompletionAbstract	Certificate Of Completion [Abstract]	Information about the Certificate Of Completion for the project.				
CertificateOfCompletionAvailabilityOfDocument	Availability Of Certificate Of Completion, Flag	Indicates if the Certificate Of Completion is available. If it is available, TRUE; if it is not available, FALSE.				
CertificateOfCompletionAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Certificate Of Completion, Flag	Indicates if there are exceptions to the Certificate Of Completion or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				

CertificateOfCompletionAvailabilityOfFinalDocument	Availability Of Final Certificate Of Completion, Flag	Indicates if the Certificate Of Completion is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
CertificateOfCompletionCounterparties	Counterparties To The Certificate Of Completion, Names	Names of counterparties to the Certificate Of Completion.				
CertificateOfCompletionDocumentLink	Certificate Of Completion, Link	Link to the Certificate Of Completion document.				
CertificateOfCompletionEffectiveDate	Certificate Of Completion, Effective Date	Effective date of the Certificate Of Completion.				
CertificateOfCompletionExceptionDescription	Certificate Of Completion Exceptions, Description	Description of any exceptions to the Certificate Of Completion or issues raised.				
CertificateOfFinalCompletionAbstract	Certificate Of Final Completion [Abstract]	Information about the Certificate of Final Completion which is issued by the independent engineer, developer or other party, stating that the project has been tested and energy has been produced onto the grid and all punch list items are complete. This triggers final payment.				
CertificateOfFinalCompletionAvailabilityOfDocument	Availability Of Certificate Of Final Completion, Flag	Indicates if the Certificate of Final Completion is available. If it is available, TRUE; if it is not available, FALSE.				
CertificateOfFinalCompletionAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Certificate Of Final Completion, Flag	Indicates if there are exceptions to the Certificate of Final Completion. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
CertificateOfFinalCompletionAvailabilityOfFinalDocument	Availability Of Final Certificate Of Final Completion, Flag	Indicates if the Certificate of Final Completion is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
CertificateOfFinalCompletionCounterparties	Counterparties To The Certificate Of Final Completion, Names	Names of counterparties to the Certificate of Final Completion.				
CertificateOfFinalCompletionDocumentLink	Certificate Of Final Completion, Link	Link to the Certificate Of Final Completion document.				
CertificateOfFinalCompletionEffectiveDate	Certificate Of Final Completion, Effective Date	Effective date of the Certificate of Final Completion.				
CertificateOfFinalCompletionExceptionDescription	Certificate Of Final Completion Exceptions, Description	Description of any exceptions to the Certificate of Final Completion.				
CertificateOfFormationDocumentLink	Certificate Of Formation, Link	Link to the Certificate Of Formation document.				
CertificateOfFormationForMasterLesseeLesseeAndOperatorAbstract	Certificate Of Formation For Master Lessee, Lessee And Operator [Abstract]	Information about the Certificate of Formation for Master Lessee, Lessee and Operator for the project.				
CertificateOfFormationForMasterLesseeLesseeAndOperatorAvailabilityOfDocument	Availability Of Certificate Of Formation For Master Lessee, Lessee And Operator, Flag	Indicates if the Certificate of Formation for Master Lessee, Lessee and Operator is available. If it is available, TRUE; if it is not available, FALSE.				
CertificateOfFormationForMasterLesseeLesseeAndOperatorAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Certificate Of Formation For Master Lessee, Lessee And Operator, Flag	Indicates if there are exceptions to the Certificate of Formation for Master Lessee, Lessee and Operator or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
CertificateOfFormationForMasterLesseeLesseeAndOperatorAvailabilityOfFinalDocument	Availability Of Final Certificate Of Formation For Master Lessee, Lessee And Operator, Flag	Indicates if the Certificate of Formation for Master Lessee, Lessee and Operator is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
CertificateOfFormationForMasterLesseeLesseeAndOperatorCounterparties	Counterparties To The Certificate Of Formation For Master Lessee, Lessee And Operator, Names	Names of counterparties to the Certificate of Formation for Master Lessee, Lessee and Operator.				
CertificateOfFormationForMasterLesseeLesseeAndOperatorEffectiveDate	Certificate Of Formation For Master Lessee, Lessee And Operator, Effective Date	Effective date of the Certificate of Formation for Master Lessee, Lessee and Operator.				
CertificateOfFormationForMasterLesseeLesseeAndOperatorExceptionDescription	Certificate Of Formation For Master Lessee, Lessee And Operator Exceptions, Description	Description of any exceptions to the Certificate of Formation for Master Lessee, Lessee and Operator or issues raised.				
CertificateOfFormationForMasterLesseeLesseeAndOperatorExpirationDate	Certificate Of Formation For Master Lessee, Lessee And Operator, Expiration Date	Expiration date of the Certificate of Formation for Master Lessee, Lessee and Operator.				
CertificatesOfInsuranceAbstract	Certificates Of Insurance [Abstract]	Information about the Certificates of Insurance for the project.				
CertificatesOfInsuranceAvailabilityOfDocument	Availability Of Certificates Of Insurance, Flag	Indicates if the Certificates of Insurance is available. If it is available, TRUE; if it is not available, FALSE.				
CertificatesOfInsuranceAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Certificates Of Insurance, Flag	Indicates if there are exceptions to the Certificates of Insurance or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
CertificatesOfInsuranceAvailabilityOfFinalDocument	Availability Of Final Certificates Of Insurance, Flag	Indicates if the Certificates of Insurance is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
CertificatesOfInsuranceCounterparties	Counterparties To The Certificates Of Insurance, Names	Names of counterparties to the Certificates of Insurance.				
CertificatesOfInsuranceDocumentLink	Certificates Of Insurance, Link	Link to the Certificates Of Insurance document.				
CertificatesOfInsuranceEffectiveDate	Certificates Of Insurance, Effective Date	Effective date of the Certificates of Insurance.				
CertificatesOfInsuranceExceptionDescription	Certificates Of Insurance Exceptions, Description	Description of any exceptions to the Certificates of Insurance or issues raised.				
CertificatesOfInsuranceExpirationDate	Certificates Of Insurance, Expiration Date	Expiration date of the Certificates of Insurance.				
ClosingCertificateAbstract	Closing Certificate [Abstract]	Information about the Closing Certificate for the project which documents that the project has been funded and includes supporting information about the lease.				
ClosingCertificateAvailabilityOfDocument	Availability Of Closing Certificate, Flag	Indicates if the Closing Certificate is available. If it is available, TRUE; if it is not available, FALSE.				
ClosingCertificateAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Closing Certificate, Flag	Indicates if there are exceptions to the Closing Certificate or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
ClosingCertificateAvailabilityOfFinalDocument	Availability Of Final Closing Certificate, Flag	Indicates if the Closing Certificate is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
ClosingCertificateCounterparties	Counterparties To The Closing Certificate, Names	Names of counterparties to the Closing Certificate, which documents that the project has been funded and includes supporting information about the lease..				

ClosingCertificateDocumentLink	Closing Certificate, Link	Link to the Closing Certificate document.				
ClosingCertificateEffectiveDate	Closing Certificate, Effective Date	Effective date of the Closing Certificate, which documents that the project has been funded and includes supporting information about the lease..				
ClosingCertificateExceptionDescription	Closing Certificate Exceptions, Description	Description of any exceptions to the Closing Certificate or issues raised.				
ClosingCertificateExpirationDate	Closing Certificate, Expiration Date	Expiration date of the Closing Certificate, which documents that the project has been funded and includes supporting information about the lease..				
ClosingDocumentsAbstract	Closing Documents [Abstract]	Information about closing documents used during the onboarding process.				
ClosingDocumentsAxis	Closing Documents [Axis]	Identifier for the closing documents for an individual financing event.				
ClosingDocumentsClassification	Closing Documents, Classification	Classify type of closing document, for example, Financial Model, Consent, Estoppel, Lien Waiver, Transfer of Title, Officer Certificate, Membership Certificate, Certificate of Insurance, Flow of Funds, Opinion, Third Party Report				
ClosingDocumentsDescription	Closing Documents, Description	Description of the closing document.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ClosingDocumentsDomain	Closing Documents [Domain]	Identifier for the closing documents for an individual financing event.				
ClosingDocumentsLineItems	Closing Documents [Line Items]	Use to group a listing of information about the closing documents for a financing event.				
ClosingDocumentsLink	Closing Documents, Link	Link to the closing document.				
ClosingDocumentsTable	Closing Documents [Table]	Represents information about the closing documents associated with a financing event which can include the identifier for the financing event to which the closing documents apply, the type of closing document, for example financial model, consent, estoppel, lien wavier, etc., link to the closing document and description of the closing document.				
ClosingIndemnityAgreementAbstract	Closing Indemnity Agreement [Abstract]	Information about the Closing Indemnity Agreement which explains indemnification between managing member and other members of the LLC.				
ClosingIndemnityAgreementAvailabilityOfDocument	Availability Of Closing Indemnity Agreement, Flag	Indicates if the Closing Indemnity Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
ClosingIndemnityAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Closing Indemnity Agreement, Flag	Indicates if there are exceptions to the Closing Indemnity Agreement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
ClosingIndemnityAgreementAvailabilityOfFinalDocument	Availability Of Final Closing Indemnity Agreement, Flag	Indicates if the Closing Indemnity Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				

ClosingIndemnityAgreementCounterparties	Counterparties To The Closing Indemnity Agreement, Names	Names of counterparties to the Closing Indemnity Agreement.				
ClosingIndemnityAgreementDocumentLink	Closing Indemnity Agreement, Link	Link to the Closing Indemnity Agreement document.				
ClosingIndemnityAgreementEffectiveDate	Closing Indemnity Agreement, Effective Date	Effective date of the Closing Indemnity Agreement.				
ClosingIndemnityAgreementExceptionDescription	Closing Indemnity Agreement Exceptions, Description	Description of any exceptions to the Closing Indemnity Agreement or issues raised.				
ClosingIndemnityAgreementExpirationDate	Closing Indemnity Agreement, Expiration Date	Expiration date of the Closing Indemnity Agreement.				
CollateralAgentAbstract	Collateral Agent [Abstract]	Information about the collateral agent.				
CollateralAgentDepositoryBank	Depository Bank Of The Collateral Agent	Name of the depository bank that is associated with the collateral agent (agent hired to monitor cash flows of the project, e.g., accountant who makes sure project is pulling in revenue, paying expenses)				
CollateralAgentProjectWorkingCapitalAccountCollateralType	Collateral Agent, Project Working Capital Account Collateral Type, Description	Description of type of project working capital account collateral which could be cash or letter of credit.				
CollateralAgentProjectWorkingCapitalAccountPrefundedMonths	Collateral Agent, Project Working Capital Account, Prefunded Months	Number of months that the project working capital account is prefunded at the start of the project.				
CombinerBoxTemperatureMaximum	Combiner Box Temperature, Maximum	Maximum operating temperature of the combiner box, the mechanism that brings together multiple solar strings. This is used in a product specification to indicate the operating temperature of the combiner box. Can be reported as Celsius or Fahrenheit by the preparer when specifying units in the instance document.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
CombinerBoxTemperatureMinimum	Combiner Box Temperature, Minimum	Minimum operating temperature of the combiner box, the mechanism that brings together multiple solar strings. This is used in a product specification to indicate the operating temperature of the combiner box. Can be reported as Celsius or Fahrenheit by the preparer when specifying units in the instance document.				
CombinerMember	Combiner [Member]	Combiner equipment.				
CombinerRating	Combiner, Rating kWdc	Maximum power output, in kWdc, of the combiner model.				
CommentsForPowerTargetCapMeasurement	Comments For Power Target Cap Measurement, Description	Additional comments needed to explain the targeted conditions for the capacity measurement using IEC 61724-2.				
CommercialGeneralLiabilityInsuranceAbstract	Commercial General Liability Insurance [Abstract]	Information about Commercial General Liability insurance.				

CommercialGeneralLiabilityInsuranceLineItems	Commercial General Liability Insurance [Line Items]	Used to group information about Commercial General Liability insurance related to the project or the system.				
CommercialGeneralLiabilityInsuranceTable	Commercial General Liability Insurance [Table]	Table containing information about Commercial General Liability insurance, which may be required for different participants to the project such as a contractor, subcontractor, or project owner.				
CommitmentAgreementAbstract	Commitment Agreement [Abstract]	Information about the Commitment Agreement which is the commitment to fund the project between the investor and developer.				
CommitmentAgreementAvailabilityOfDocument	Availability Of Commitment Agreement, Flag	Indicates if the Commitment Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
CommitmentAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Commitment Agreement, Flag	Indicates if there are exceptions to the Commitment Agreement. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
CommitmentAgreementAvailabilityOfFinalDocument	Availability Of Final Commitment Agreement, Flag	Indicates if the Commitment Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
CommitmentAgreementCounterparties	Counterparties To The Commitment Agreement, Names	Names of counterparties to the Commitment Agreement.				
CommitmentAgreementDocumentLink	Commitment Agreement, Link	Link to the Commitment Agreement document.				
CommitmentAgreementEffectiveDate	Commitment Agreement, Effective Date	Effective date of the Commitment Agreement.				
CommitmentAgreementExceptionDescription	Commitment Agreement Exceptions, Description	Description of any exceptions to the Commitment Agreement.				
CommitmentAgreementExpirationDate	Commitment Agreement, Expiration Date	Expiration date of the Commitment Agreement.				
CommonStockValue	Common Stock, Value, Issued	Aggregate par or stated value of issued nonredeemable common stock (or common stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity.				
CompletionOfFunctionalTestMember	Completion Of Functional Test [Member]	Passing of Functional (Availability) Test (continuous, autonomous operation with no material equipment failures or clear line of sight to remedy failures, recommended to be at least 5 days for DG, 15 days for US at sufficient solar irradiance).				
CompletionOfInvestorParallelMonitoringFeedMember	Completion of Investor Parallel Monitoring Feed [Member]	Completion confirmation of investor's parallel monitoring feed functionality via email from investor's parallel monitoring service or other means.				
CompletionOfOperationsAndMaintenanceManualReviewMember	Completion Of Operations And Maintenance Manual Review [Member]	Completion of Operations and Maintenance Manual Review.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
-----------------------	-----------------------------	------------	--------	--------------------	---------------------------------	---------------------------------

CompletionOfPerformanceTestMember	Completion Of Performance Test [Member]	Passing of Performance Tests (recommended to be at least 5 days for DG, 15 days for utility scale at sufficient solar irradiance), e.g. Energy Yield Tests, Performance Ratio Tests or Capacity Test.				
CompletionOfPunchListMember	Completion Of Punch List [Member]	Completion of Punch List Review to confirm no material risk to project operation or pro forma.				
CompletionOfSCADAConfirmationFunctionalityMember	Completion Of SCADA Confirmation Functionality [Member]	Completion confirmation of remote SCADA system functionality at operator's facility via witness, e.g. screen sharing with operator.				
CompletionOfVPNConnectionToSCADAMember	Completion Of VPN Connection To SCADA [Member]	Completion confirmation of VPN connection to SCADA system at back-up operator's facility via email from investor's back-up operator.				
ComponentFailure	Component Failure Indication, Flag	Indication of component failure. If component has failed, TRUE. If component has not failed, FALSE.				
ComponentMaintenanceAction	Component Maintenance Action, Description	Description of the action taken which can be to repair or replace the component.				
ComponentMaintenanceActionsAxis	Component Maintenance Actions [Axis]	Used as the identifier for actions taken related to components requiring maintenance related to the system.				
ComponentMaintenanceActionsDomain	Component Maintenance Actions [Domain]	Used as the identifier for actions taken related to components requiring maintenance related to the system.				
ComponentMaintenanceActionsLineItems	Component Maintenance Actions [Line Items]	Used to group information about maintenance actions taken on components related to the system.				
ComponentMaintenanceActionsTable	Component Maintenance Actions [Table]	Represents maintenance actions taken on components related to the system.				
ComponentMaintenanceCostAssociatedTimePeriod	Component Maintenance Cost Period	Time period on which the component maintenance cost is based. The value should be entered using the ISO8601 format of PnYnMnDnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6month and 10-day term would be represented as P4Y6M10D.				
ComponentMaintenanceCostForEquipmentWithNoWarranty	Component Maintenance Cost For Equipment With No Warranty, Amount	Maintenance cost amount for equipment that has no warranty.				
ComponentMaintenanceCostForEquipmentWithWarranty	Component Maintenance Cost For Equipment With Warranty, Amount	Maintenance cost amount for equipment that has a warranty.				
ComponentMaintenanceCostNoWarrantyAbstract	Component Maintenance Cost No Equipment Warranty [Abstract]	Information about maintenance costs for equipment not under warranty.				
ComponentMaintenanceCostTimePeriod	Component Maintenance Cost, Associated Time Period	Duration of the time period associated with the component maintenance cost. The value should be entered using the ISO8601 format of PnYnMnDnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
ComponentMaintenanceCostUnderWarrantyAbstract	Component Maintenance Cost Under Warranty [Abstract]	Information about maintenance for equipment under warranty.				
ComponentMaintenanceEventAxis	Component Maintenance Event [Axis]	Used to identify maintenance events that may occur related to a components in a system.				

ComponentMaintenanceEventDomain	Component Maintenance Event [Domain]	Used to identify maintenance events that may occur related to a components in a system.				
ComponentMaintenanceLineItems	Component Maintenance [Line Items]	Used to group a listing of information about components that are undergoing maintenance.				
ComponentMaintenanceNumberOfComponentsAffected	Number of Components Affected By Maintenance	Number of components affected by the maintenance requirements.				
ComponentMaintenanceSeverityOfEvent	Component Maintenance, Severity Of Event	Level of severity of the maintenance event, which can be Low, Moderate, or High.				
ComponentMaintenanceStatus	Component Maintenance Status, Description	Description of component maintenance status.				
ComponentMaintenanceStatusPercentCompleted	Component Maintenance, Percent Completed	Percent of component maintenance completed.				
ComponentMaintenanceStatusPercentRemaining	Component Maintenance, Percent Remaining	Percent remaining to be completed on maintenance of component.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ComponentMaintenanceTable	Component Maintenance [Table]	Represents names of components that are undergoing maintenance.				
ComponentMaintenanceTicketComments	Comments On Maintenance Ticket	Comments written about the maintenance ticket.				
ComponentMaintenanceTicketDateClosed	Maintenance Ticket, Date Closed	Date when the maintenance ticket was closed.				
ComponentMaintenanceTicketDateOpen	Maintenance Ticket, Date Opened	Date when the maintenance ticket was opened.				
ComponentStatusAbstract	Component Status [Abstract]	Information about a component				
ComponentToBeRepaired	Component To Be Repaired, Name	Name of component that requires repair.				
ComponentToBeReplaced	Component To Be Replaced, Name	Component that needs to be replaced.				
ConstructionContractorNoticeOfCertificationAbstract	Construction Contractor Notice Of Certification [Abstract]	Information about the Construction Contractor Notice of Certification.				
ConstructionContractorNoticeOfCertificationAvailabilityOfDocument	Availability Of Construction Contractor Notice Of Certification, Flag	Indicates if the Construction Contractor Notice of Certification is available. If it is available, TRUE; if it is not available, FALSE.				
ConstructionContractorNoticeOfCertificationAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Construction Contractor Notice Of Certification, Flag	Indicates if there are exceptions to the Construction Contractor Notice of Certification. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
ConstructionContractorNoticeOfCertificationAvailabilityOfFinalDocument	Availability Of Final Construction Contractor Notice Of Certification, Flag	Indicates if the Construction Contractor Notice of Certification is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				

ConstructionContractorNoticeOfCertificationCounterparties	Counterparties To The Construction Contractor Notice Of Certification, Names	Names of counterparties to the Construction Contractor Notice of Certification.				
ConstructionContractorNoticeOfCertificationDocumentLink	Construction Contractor Notice Of Certification, Link	Link to the Construction Contractor Notice Of Certification document.				
ConstructionContractorNoticeOfCertificationEffectiveDate	Construction Contractor Notice Of Certification, Effective Date	Effective date of the Construction Contractor Notice of Certification.				
ConstructionContractorNoticeOfCertificationExceptionDescription	Construction Contractor Notice Of Certification Exceptions, Description	Description of any exceptions to the Construction Contractor Notice of Certification.				
ConstructionContractorNoticeOfCertificationExpirationDate	Construction Contractor Notice Of Certification, Expiration Date	Expiration date of the Construction Contractor Notice of Certification.				
ConstructionDataReportSubmitted	Construction Data Report Submitted, Flag	Indication if a Construction Data Report (CDR) was submitted. If it was, TRUE; if it was not, FALSE.				
ConstructionLoanAgreementAbstract	Construction Loan Agreement [Abstract]	Information about a Construction Loan Agreement.				
ConstructionLoanAgreementAvailabilityOfDocument	Availability Of Construction Loan Agreement, Flag	Indicates if the Construction Loan Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
ConstructionLoanAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Construction Loan Agreement, Flag	Indicates if there are exceptions to the Construction Loan Agreement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
ConstructionLoanAgreementAvailabilityOfFinalDocument	Availability Of Final Construction Loan Agreement, Flag	Indicates if the Construction Loan Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
ConstructionLoanAgreementCounterparties	Counterparties To The Construction Loan Agreement, Names	Names of counterparties to the Construction Loan Agreement.				
ConstructionLoanAgreementEffectiveDate	Construction Loan Agreement, Effective Date	Effective date of the Construction Loan Agreement.				
ConstructionLoanAgreementExceptionDescription	Construction Loan Agreement Exceptions, Description	Description of any exceptions to the Construction Loan Agreement or issues raised.				
ConstructionLoanAgreementExpirationDate	Construction Loan Agreement, Expiration Date	Expiration date of the Construction Loan Agreement.				
ConstructionLoanDocumentLink	Construction Loan Agreement, Link	Link to the Construction Loan document.				
ConstructionMonitoringReportAbstract	Construction Monitoring Report [Abstract]	Information about the Construction Monitoring Report which is issued by the engineering company.				
ConstructionMonitoringReportAvailabilityOfDocument	Availability Of Construction Monitoring Report, Flag	Indicates if the Construction Monitoring Report is available. If it is available, TRUE; if it is not available, FALSE.				
ConstructionMonitoringReportAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Construction Monitoring Report, Flag	Indicates if there are exceptions to the Construction Monitoring Report. If there are exceptions, TRUE; if there are no exceptions, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
-----------------------	-----------------------------	------------	--------	--------------------	---------------------------------	---------------------------------

ConstructionMonitoringReportAvailabilityOfFinalDocument	Availability Of Final Construction Monitoring Report, Flag	Indicates if the Construction Monitoring Report is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
ConstructionMonitoringReportCounterparties	Counterparties To The Construction Monitoring Report, Names	Names of counterparties to the Construction Monitoring Report.				
ConstructionMonitoringReportDashboardLink	Construction Monitoring Report, Dashboard Link	Link to the Construction Monitoring Dashboard.				
ConstructionMonitoringReportDocumentLink	Construction Monitoring Report, Link	Link to the Construction Monitoring Report document.				
ConstructionMonitoringReportEffectiveDate	Construction Monitoring Report, Effective Date	Effective date of the Construction Monitoring Report.				
ConstructionMonitoringReportEndDate	Construction Monitoring Report, End Date	End date of the construction monitoring report.				
ConstructionMonitoringReportExceptionDescription	Construction Monitoring Report Exceptions, Description	Description of any exceptions to the Construction Monitoring Report.				
ContinuityOfOperationsAbstract	Continuity of Operations [Abstract]	Information about the Continuity of Operations.				
ContinuityOfOperationsAgreementAbstract	Continuity of Operations Agreement [Abstract]	Information about the Continuity of Operations Agreement				
ContinuityOfOperationsAgreementAvailabilityOfDocument	Availability Of Continuity Of Operations Agreement, Flag	Indicates if the Continuity Of Operations Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
ContinuityOfOperationsAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Continuity Of Operations Agreement, Flag	Indicates if there are exceptions to the Continuity Of Operations Agreement. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
ContinuityOfOperationsAgreementAvailabilityOfFinalDocument	Availability Of Final Continuity Of Operations Agreement, Flag	Indicates if the Continuity Of Operations Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
ContinuityOfOperationsAgreementContractingParties	Continuity Of Operations Agreement, Contracting Parties	Name of contracting parties to the Continuity of Operations Agreement, which may include the project company, operator, or developer.				
ContinuityOfOperationsAgreementCounterparties	Counterparties To The Continuity Of Operations Agreement, Names	Names of counterparties to the Continuity Of Operations Agreement.				
ContinuityOfOperationsAgreementDocumentLink	Continuity Of Operations Agreement, Link	Link to the Continuity Of Operations Agreement document.				
ContinuityOfOperationsAgreementEffectiveDate	Continuity Of Operations Agreement, Effective Date	Effective date of the Continuity of Operations Agreement.				
ContinuityOfOperationsAgreementExceptionDescription	Continuity Of Operations Agreement Exceptions, Description	Description of any exceptions to the Continuity Of Operations Agreement.				
ContinuityOfOperationsAgreementExpirationDate	Continuity Of Operations Agreement, Expiration Date	Expiration date of the Continuity Of Operations Agreement.				
ContinuityOfOperationsAgreementOperatorReplacementProvisions	Continuity Of Operations Agreement, Operator Replacement Provisions, Description	Description of provisions in the Continuity of Operations Agreement in the event the operator is replaced.				

ContinuityOfOperationsAgreementTerm	Continuity Of Operations Agreement, Term	Term of the Continuity of Operations Agreement. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
ContinuityOfOperationsEscrowAccountDetails	Continuity of Operations, Escrow Account Details, Description	Description of the escrow account ability to access SCADA documentation per the Continuity of Operations Agreement.				
ContinuityOfOperationsHistorianAccess	Continuity of Operations, Historian Access, Description	Description of how to access the historian which is a database of performance data used by utility scale Agreement, per the Continuity of Operations Agreement.				
ContinuityOfOperationsProgramDocumentationUploadedMember	Continuity Of Operations Program Documentation Uploaded [Member]	Confirmation that Continuity of Operations Program (COP) documentation has been uploaded to investor share drive.				
ContinuityOfOperationsSCADATestResults	Continuity of Operations, SCADA Test Results, Description	Description of SCADA (control system) test results per the Continuity of Operations Agreement.				
ContinuityOfOperationsTelecommunicationsAccounts	Continuity of Operations, Telecommunications Accounts, Description	Description of telecommunications accounts per the Continuity of Operations Agreement.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ContractReviewAssetManagementMember	Contract Review Asset Management [Member]	Technical contract review including gap analysis of guarantees, tests, and operating requirements of Asset Management.				
ContractReviewConsumablesListMember	Contract Review Consumables List [Member]	Technical contract review including gap analysis of guarantees, tests, and operating requirements of Consumables List. Consumables are parts that are used up quickly and must be replenished, such as fuses.				
ContractReviewCorrectiveMaintenanceMember	Contract Review Corrective Maintenance [Member]	Technical contract review including gap analysis of guarantees, tests, and operating requirements of Operations and Maintenance - Corrective Maintenance.				
ContractReviewDecommissioningMember	Contract Review Decommissioning [Member]	Technical contract review including gap analysis of guarantees, tests, and operating requirements of Decommissioning.				
ContractReviewEngineeringProcurementandConstructionMember	Contract Review Engineering Procurement and Construction [Member]	Technical contract review including gap analysis of guarantees, tests, and operating requirements of EPC including substation(s).				
ContractReviewEngineeringProcurementandConstructionScheduleMember	Contract Review Engineering Procurement and Construction Schedule [Member]	Technical contract review including gap analysis of guarantees, tests, and operating requirements of EPC schedule.				
ContractReviewMonitoringServiceProviderMember	Contract Review Monitoring Service Provider [Member]	Technical contract review including gap analysis of guarantees, tests, and operating requirements of Monitoring Service Provider.				
ContractReviewOtherContractsMember	Contract Review Other Contracts [Member]	Technical contract review including gap analysis of guarantees, tests, and operating requirements of Others if needed.				
ContractReviewPowerPurchaseAgreementMember	Contract Review Power Purchase Agreement [Member]	Technical contract review including gap analysis of guarantees, tests, and operating requirements of PPA.				
ContractReviewPreventativeMaintenanceMember	Contract Review Preventative Maintenance [Member]	Technical contract review including gap analysis of guarantees, tests, and operating requirements of Operations and Maintenance - Preventative Maintenance.				

ContractReviewSiteLeaseMember	Contract Review Site Lease [Member]	Technical contract review including gap analysis of guarantees, tests, and operating requirements of Site Lease.				
ContractReviewSparePartsListMember	Contract Review Spare Parts List [Member]	Technical contract review including gap analysis of guarantees, tests, and operating requirements of Spare Parts List.				
ContractReviewTimeAndMaterialsMember	Contract Review Time And Materials [Member]	Technical contract review including gap analysis of guarantees, tests, and operating requirements of Operations and Maintenance - Time & Materials or Other Work.				
ContractReviewWashingPlanMember	Contract Review Washing Plan [Member]	Technical contract review including gap analysis of guarantees, tests, and operating requirements of Washing Plan.				
ContractsAndDocumentsAbstract	Contracts and Documents [Abstract]	Information about contracts and documents related to the fund and projects.				
CostOfServicesDepreciationAndAmortization	Cost of Services, Depreciation, and Amortization	Depreciation of property, system and equipment directly related to services rendered by an entity during the reporting period.				
CostsAndExpenses	Costs and Expenses	Total costs of sales and operating expenses for the period.				
CostsAndExpenses	Costs And Expenses	Total costs of sales and operating expenses for the period.				
CostsAndExpensesAbstract	Costs and Expenses [Abstract]	Information about costs and expenses.				
CostSegregationAmortizationClass	Cost Segregation Amortization Class, Description	Description of the amortization class used, for example Modified Accelerated Cost Recovery System.				
CostSegregationAmortizationMethod	Cost Segregation Amortization Method, Description	Description of the amortization method, for example straight line, 200% declining.				
CostSegregationAmortizationPercentOfAppraisedValuePercent	Cost Segregation Amortization Percent of Appraised Value, Percent	Tax basis in amortization class, as percent of appraised value				
CostSegregationAmortizationTaxBasis	Cost Segregation Amortization Tax Basis, Amount	Tax basis in amortization class				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
CostSegregationDetailsLineItems	Cost Segregation Details [Line Items]	Used to group a listing of information about the Cost Segregation.				
CostSegregationIdentifierAxis	Cost Segregation [Axis]	Used as the identifier for the Cost Segregation.				
CostSegregationIdentifierDomain	Cost Segregation [Domain]	Used as the identifier for the Cost Segregation.				

CostSegregationTable	Cost Segregation [Table]	Represents information about the cost segregation method used for an appraisal, which is the process of identifying personal property assets that are grouped with real property assets, and separating out personal assets for tax reporting purposes. Information about the cost segregation method used for a specific appraisal can include descriptions of the amortization class and method, tax basis amount and percent of appraised value.				
CoTenancyAgreement	Co Tenancy Agreement [Abstract]	Information about the co-tenancy agreement which is used when more than one system shares the tenants rights for a single property.				
CoTenancyAgreementAvailabilityOfDocument	Availability Of Co Tenancy Agreement, Flag	Indicates if the Co Tenancy Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
CoTenancyAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Co Tenancy Agreement, Flag	Indicates if there are exceptions to the Co Tenancy Agreement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
CoTenancyAgreementAvailabilityOfFinalDocument	Availability Of Final Co Tenancy Agreement, Flag	Indicates if the Co Tenancy Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
CoTenancyAgreementCounterparties	Counterparties To The Co Tenancy Agreement, Names	Names of counterparties to the Co Tenancy Agreement.				
CoTenancyAgreementDocumentLink	Co Tenancy Agreement, Link	Link to the Co Tenancy Agreement document.				
CoTenancyAgreementEffectiveDate	Co Tenancy Agreement, Effective Date	Effective date of the Co Tenancy Agreement.				
CoTenancyAgreementExceptionDescription	Co Tenancy Agreement Exceptions, Description	Description of any exceptions to the Co Tenancy Agreement or issues raised.				
CoTenancyAgreementExpirationDate	Co Tenancy Agreement, Expiration Date	Expiration date of the Co Tenancy Agreement.				
CreditPerformanceCheckReportAbstract	Credit Check Report [Abstract]	Information contained in a credit check report.				
CreditPerformanceDateOfFICOScore	Credit Performance, Date Of FICO Score	Date of the FICO score for an OffTaker.				
CreditPerformanceRetailAbstract	Off-taker Credit Performance [Abstract]	Information about the retail credit performance of the off-taker.				
CreditPerformanceRetailCreditCheckDate	Credit Check Performed, Date	Date the credit check was performed.				
CreditPerformanceRetailDaysDelinquent	Retail Days Delinquent, Number	Number of days over 30 days past due (delinquent).				
CreditPerformanceRetailDebtToIncomeRatio	Debt-to-Income (DTI) Ratio, Percent	Debt-to-income ratio, also known as Back End Ratio which is defined as the ratio of a borrower's total monthly debt expense (including mortgage payments, credit card payments, child support, and other loan payments) divided by the borrower's gross monthly income. The ratio is expressed as a percentage of the gross monthly income. Use GSE calculation.				

CreditPerformanceRetailEstimatedValueOfHouse	Estimated Value of House, Amount	Estimated retail value of home.				
CreditPerformanceRetailFICOMethod	FICO Method, Description	Credit evaluation model used for the most recently obtained FICO score.				
CreditPerformanceRetailFICOModelOrigination	FICO Model, Origination	Indicates whether the FICO score was calculated using the Classic or Next Generation model.				
CreditPerformanceRetailFICOScore	FICO Score	Numeric credit score for borrower (or co-borrower) resulting from credit evaluation model specified.				
CreditPerformanceRetailHomeAppraisalDate	Home Appraisal, Date	Date of the appraisal of the home.				
CreditPerformanceRetailLengthOfEmployment	Length of Employment	The length of service to an employer from the start of employment until the date of the loan.				
CreditPerformanceRetailLengthOfHomeOwnership	Length of Home Ownership	The length of time that the home has been owned.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
CreditPerformanceRetailLoanToValueRatio	Loan-to-Value (LTV) Ratio, Percent	In the case of a purchase mortgage loan, the ratio obtained by dividing the original mortgage loan amount on the note date by the lesser of the mortgaged property appraised value on the note date or its purchase price. In the case of a refinance mortgage loan, the ratio obtained by dividing the original mortgage loan amount on the note date and the mortgaged property appraised value on the note date. In the case of a seasoned mortgage loan, if the Seller cannot warrant that the value of the mortgaged property has not declined since the note date, Freddie Mac requires that the Seller must provide a new appraisal value, which is used in the LTV calculation. Percentages below 6% or greater than 105% will be disclosed as 'Unknown,' indicated by a blank space. In the case of an FHA/VA mortgage loan, percentages less than 6% or greater than 110% will be disclosed as 'Unknown,' which will be indicated by a blank space.				
CreditPerformanceRetailLoantoValueSource	Loan-to-Value (LTV) Ratio, Source	Source of Loan to Value ratio if not calculated.				
CreditPerformanceRetailMortgageBalance	Mortgage Balance, Amount	Amount of the balance on the mortgage.				
CreditPerformanceRetailW2VerificationofEmployment	W2 Verification of Employment, Flag	Indication whether employment has been verified through the employees W2; if it has been verified, TRUE; if it has not been verified, FALSE.				
CreditSupportAbstract	Credit Support [Abstract]	Information about Credit Support, which is when a sponsor or parent company agrees to cover a default of a lease payment or some other loss to the bank.				
CreditSupportAmountDetailsLineItems	Credit Support Amount Details [Line Items]	Used to group a listing of information about Credit Support Amount.				

CreditSupportAmountEndDate	Credit Support Amount, End Date	End date for the period of the credit support amount.				
CreditSupportAmountIdentifierAxis	Credit Support Amount Identifier [Axis]	Used as the identifier for Credit Support Amount.				
CreditSupportAmountIdentifierDomain	Credit Support Amount Identifier [Domain]	Used as the identifier for Credit Support Amount.				
CreditSupportAmountNumberOfPeriod	Credit Support Amount, Number of Period	Number of the period for the credit support amount, for example, period 1.				
CreditSupportAmountPeriodAmount	Credit Support Amount, Period Amount	Amount of credit support during the period.				
CreditSupportAmountStartDate	Credit Support Amount, Start Date	Start date for the period of the credit support amount.				
CreditSupportAmountTable	Credit Support Amount [Table]	Represents information about the amount of credit associated with credit supporting a specific contract, including the amount, start and end dates.				
CreditSupportAssociatedContractAbstract	Credit Support Associated Contract [Abstract]	Information indicating the contract supported by the credit support.				
CreditSupportBeneficiaryCounterpartyIdentifier	Credit Support Beneficiary, Counterparty Identifier	Identifier for the beneficiary which is a Counterparty.				
CreditSupportBeneficiarySPVIdentifier	Credit Support Beneficiary, SPV Identifier	Identifier for the beneficiary which is an SPV.				
CreditSupportBeneficiaryType	Credit Support Beneficiary, Type	Indicates if the beneficiary is an SPV or a counterparty.				
CreditSupportComment	Credit Support, Comment	Additional comments about the credit support.				
CreditSupportDetailsLineItems	Credit Support Details [Line Items]	Used to group a listing of information about Credit Support.				
CreditSupportDocumentIdentifierAbstract	Credit Support Document Identifier [Abstract]	Information about agreement identifiers for contracts supported by credit.				
CreditSupportEndDate	Credit Support, End Date	Date on which credit support should end				
CreditSupportForAssetManagementAgreement	Credit Support for Asset Management Agreement, Flag	Indicates if credit support is for the Asset Management Agreement. If it is, TRUE; if it is not, FALSE.				
CreditSupportForEngineeringProcurementandConstructionAgreement	Credit Support for Engineering Procurement and Construction Agreement, Flag	Indicates if credit support is for the Engineering Procurement and Construction Agreement. If it is, TRUE; if it is not, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
CreditSupportForEquityCapitalContributionAgreement	Credit Support for Equity Capital Contribution Agreement, Flag	Indicates if credit support is for the Equity Capital Contribution Agreement. If it is, TRUE; if it is not, FALSE.				
CreditSupportForHedgeAgreement	Credit Support for Hedge Agreement, Flag	Indicates if credit support is for the Hedge Agreement. If it is, TRUE; if it is not, FALSE.				

CreditSupportForIndividualContractorAgreement	Credit Support for Interconnection Agreement, Flag	Indicates if credit support is for the Interconnection Agreement. If it is, TRUE; if it is not, FALSE.				
CreditSupportForLeaseSchedule	Credit Support for Lease Schedule, Flag	Indicates if credit support is for the Lease Schedule. If it is, TRUE; if it is not, FALSE.				
CreditSupportForLimitedLiabilityCompanyAgreement	Credit Support for Limited Liability Company Agreement, Flag	Indicates if credit support is for the Limited Liability Company Agreement. If it is, TRUE; if it is not, FALSE.				
CreditSupportForMasterLeaseAgreement	Credit Support for Master Lease Agreement, Flag	Indicates if credit support is for the Master Lease Agreement. If it is, TRUE; if it is not, FALSE.				
CreditSupportForMembershipInterestPurchaseAgreement	Credit Support for Membership Interest Purchase Agreement, Flag	Indicates if credit support is for the Membership Interest Purchase Agreement. If it is, TRUE; if it is not, FALSE.				
CreditSupportForOperationsandMaintenanceAgreement	Credit Support for Operations and Maintenance Agreement, Flag	Indicates if credit support is for the Operations and Maintenance Agreement. If it is, TRUE; if it is not, FALSE.				
CreditSupportForPowerPurchaseAgreement	Credit Support for Power Purchase Agreement, Flag	Indicates if credit support is for the Power Purchase Agreement. If it is, TRUE; if it is not, FALSE.				
CreditSupportForSiteLeaseAgreement	Credit Support for Site Lease Agreement, Flag	Indicates if credit support is for the Site Lease Agreement. If it is, TRUE; if it is not, FALSE.				
CreditSupportForSitePermit	Credit Support for Site Permit, Flag	Indicates if credit support is for the Site Permit Agreement. If it is, TRUE; if it is not, FALSE.				
CreditSupportForTermLoanAgreement	Credit Support for Term Loan Agreement, Flag	Indicates if credit support is for the Term Loan Agreement. If it is, TRUE; if it is not, FALSE.				
CreditSupportIdentifierAxis	Credit Support Identifier [Axis]	Used as the identifier for Credit Support.				
CreditSupportIdentifierDomain	Credit Support Identifier [Domain]	Used as the identifier for Credit Support.				
CreditSupportIssuingEntityName	Credit Support, Issuing Entity, Name	Name of bank or surety issuing support.				
CreditSupportObligorCounterpartyIdentifier	Credit Support Obligor, Counterparty Identifier	Identifier for the obligor which is a counterparty.				
CreditSupportObligorSPVIdentifier	Credit Support Obligor, SPV Identifier	Identifier for the obligor which is an SPV.				
CreditSupportObligorType	Credit Support Obligor, Type	Indicates if the obligor is an SPV or a counterparty.				
CreditSupportParentGuaranteeIdentifier	Credit Support, Parent Guarantee Identifier	Identifier of parent guarantee.				
CreditSupportProvider	Credit Support Provider, Name	Name of individual or organization providing the Credit Support.				
CreditSupportReceiver	Credit Support Receiver, Name	Name of individual or organization receiving the Credit Support.				
CreditSupportStartDate	Credit Support, Start Date	Date on which credit support should start.				

CreditSupportStatus	Credit Support, Status	Status of credit support, which can be Not Due, Overdue, Granted or Expired.				
CreditSupportTable	Credit Support [Table]	Represents information about credit that is used to support a particular contract, for example the LLCA, term loan or hedge agreement. Information can include names of provider and receiver of the support, identifier for the contract supported, type and status of credit, obligor and beneficiary, as well as term and dates.				
CreditSupportTerm	Credit Support, Term	Duration of the credit support term. The value should be entered using the ISO8601 format of PnYnMnDnTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
CreditSupportType	Credit Support Type, Description	Type of Credit Support, for example, Standby LC, Parent Guaranty, Surety Bond, Cash.				
CrossDefaultPoolAbstract	Cross Default Pool [Abstract]	Information about the Cross Default Pool.				
CrossDefaultPoolAmountDetailsLineItems	Cross Default Pool Details [Line Items]	Used to group a listing of information about Cross Default Pool Amount.				
CrossDefaultPoolAmountIdentifierDomain	Cross Default Pool Identifier [Domain]	Used as the identifier for Cross Default Pool Amount.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
CrossDefaultPoolAmountTable	Cross Default Pool Amount [Table]	Represents information about the Cross Default Pool which is when the revenue from one project can be used to pay the expenses and lease payment for another project that would otherwise go into default.				
CrossDefaultPoolAssociatedContractAbstract	Cross Default Pool Associated Contract [Abstract]	Information about contracts that may be related to the cross default pool.				
CrossDefaultPoolBothPartiesCross	Cross Default Pool, Both Parties Cross, Flag	Indicates if both parties can cross the default. If both can, TRUE; if not, FALSE.				
CrossDefaultPoolDocumentIdentifierAbstract	Cross Default Pool Document Identifier [Abstract]	Information about the agreement identifiers associated with the cross default pool.				
CrossDefaultPoolForAssetManagementAgreement	Cross Default Pool for Asset Management Agreement, Flag	Indicates if there is a cross default pool for the Asset Management Agreement. If it is, TRUE; if it is not, FALSE.				
CrossDefaultPoolForEngineeringProcurementandConstructionAgreement	Cross Default Pool for Engineering Procurement and Construction Agreement, Flag	Indicates if there is a cross default pool for the Engineering Procurement and Construction Agreement. If it is, TRUE; if it is not, FALSE.				
CrossDefaultPoolForEquityCapitalContributionAgreement	Cross Default Pool for Equity Capital Contribution Agreement, Flag	Indicates if there is a cross default pool for the Equity Capital Contribution Agreement. If it is, TRUE; if it is not, FALSE.				
CrossDefaultPoolForHedgeAgreement	Cross Default Pool for Hedge Agreement, Flag	Indicates if there is a cross default pool for the Hedge Agreement. If it is, TRUE; if it is not, FALSE.				
CrossDefaultPoolForIndividualContractorAgreement	Cross Default Pool for Individual Contractor Agreement, Flag	Indicates if there is a cross default pool for the Individual Contractor Agreement. If it is, TRUE; if it is not, FALSE.				

CrossDefaultPoolForLeaseSchedule	Cross Default Pool for Lease Schedule, Flag	Indicates if there is a cross default pool for the Lease Schedule. If it is, TRUE; if it is not, FALSE.				
CrossDefaultPoolForLimitedLiabilityCompanyAgreement	Cross Default Pool for Limited Liability Company Agreement, Flag	Indicates if there is a cross default pool for the Limited Liability Company Agreement. If it is, TRUE; if it is not, FALSE.				
CrossDefaultPoolForMasterLeaseAgreement	Cross Default Pool for Master Lease Agreement, Flag	Indicates if there is a cross default pool for the Master Lease Agreement. If it is, TRUE; if it is not, FALSE.				
CrossDefaultPoolForMembershipInterestPurchaseAgreement	Cross Default Pool for Membership Interest Purchase Agreement, Flag	Indicates if there is a cross default pool for the Membership Interest Purchase Agreement. If it is, TRUE; if it is not, FALSE.				
CrossDefaultPoolForOperationsandMaintenanceAgreement	Cross Default Pool for Operations and Maintenance Agreement, Flag	Indicates if there is a cross default pool for the Operations and Maintenance Agreement. If it is, TRUE; if it is not, FALSE.				
CrossDefaultPoolForPowerPurchaseAgreement	Cross Default Pool for Power Purchase Agreement, Flag	Indicates if there is a cross default pool for the Power Purchase Agreement. If it is, TRUE; if it is not, FALSE.				
CrossDefaultPoolForSiteLeaseAgreement	Cross Default Pool for Site Lease Agreement, Flag	Indicates if there is a cross default pool for the Site Lease Agreement. If it is, TRUE; if it is not, FALSE.				
CrossDefaultPoolForSitePermit	Cross Default Pool for Site Permit, Flag	Indicates if there is a cross default pool for the Site Permit Agreement. If it is, TRUE; if it is not, FALSE.				
CrossDefaultPoolForTermLoanAgreement	Cross Default Pool for Term Loan Agreement, Flag	Indicates if there is a cross default pool for the Term Loan Agreement. If it is, TRUE; if it is not, FALSE.				
CrossDefaultPoolIdentifierAxis	Cross Default Pool Identifier [Axis]	Used as the identifier for a Cross Default Pool.				
CrossDefaultPoolMonetizingofCollateral	Cross Default Pool, Monetizing of Collateral, Flag	Indication if, in the event of a default, the non breaching party can monetize the collateral on the other agreement.				
CrossDefaultPoolPartyAbleToDefaultDescription	Cross Default Pool, Party Able To Default, Description	Description of the party that is able to declare default.				
CulturalResourceAbstract	Cultural Resource [Abstract]	Information about cultural resources related to a site such as description of the resource or permits.				
CulturalResourceIdentified	Cultural Resource Identified, Description	Description of the cultural resource item identified.				
CulturalResourceIdentifiedLocation	Cultural Resource Identified Location, Description	Description of the location of the cultural resource.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
CulturalResourceIdentifiedName	Cultural Resource Identified, Name	Name of the cultural resource item identified.				
CulturalResourceIdentifier	Cultural Resource Identifier	Identifier for the cultural resource.				
CulturalResourceIdentifierAxis	Cultural Resource Identifier [Axis]	Used as the identifier for the cultural resource.				
CulturalResourceIdentifierDomain	Cultural Resource Identifier [Domain]	Used as the identifier for the cultural resource.				

CulturalResourceIdentifierLineItems	Cultural Resource Identifier [Line Items]	Used to group information about a cultural resource on a site.				
CulturalResourceIdentifierTable	Cultural Resource Identifier [Table]	Represents information about site-specific cultural resources which are defined as places of archeological, historical or cultural significance, for example, an historic preservation site, burial ground, place of current or former worship, etc. Related information can include name, location and description of the resource.				
CulturalResourcePermitAction	Cultural Resource Permit Action, Name	Identifier, name, or title of action required by the cultural resources permit.				
CulturalResourcePermitActionAxis	Cultural Resource Permit Action [Axis]	Used as the identifier for a permit action related to a cultural resource.				
CulturalResourcePermitActionDescription	Cultural Resource Permit Action, Description	Description of action required by the cultural resources permit, for example, a fee or covenant.				
CulturalResourcePermitActionDomain	Cultural Resource Permit Action [Domain]	Used as the identifier for a permit action related to a cultural resource.				
CulturalResourcePermitActionLineItems	Cultural Resource Permit Action [Line Items]	Used to group information about permit actions related to a cultural resource on a site.				
CulturalResourcePermitActionTable	Cultural Resource Permit Action [Table]	Represents information about actions taken related to a permit for a cultural resource.				
CulturalResourcePermitAxis	Cultural Resource Permit [Axis]	Used as the identifier for a permit related to a cultural resource.				
CulturalResourcePermitDomain	Cultural Resource Permit [Domain]	Used as the identifier for a permit related to a cultural resource.				
CulturalResourcePermitGoverningAuthority	Cultural Resource Permit, Governing Authority, Name	Name of the governing authority that issued the permit for the cultural resource.				
CulturalResourcePermitIdentifier	Cultural Resource Permit, Identifier	Identifier for the cultural resource permit to which an identified action belongs.				
CulturalResourcePermitIssueDate	Cultural Resource Permit, Issue Date	Date on which the cultural resource permit was issued.				
CulturalResourcePermitLineItems	Cultural Resource Permit [Line Items]	Used to group information about permits related to a cultural resource on a site.				
CulturalResourcePermitLink	Cultural Resource Permit, Link	Link to the cultural resource permit.				
CulturalResourcePermitTable	Cultural Resource Permit [Table]	Represents information about permits for a cultural resource such as the authority issuing the permit and link to the permit.				
CulturalResourceStudyAxis	Cultural Resource Study [Axis]	Used as the identifier for a study conducted about a cultural resource.				
CulturalResourceStudyDomain	Cultural Resource Study [Domain]	Used as the identifier for a study conducted about a cultural resource.				
CulturalResourceStudyIdentifierName	Cultural Resource Study Identifier, Name	Name of the cultural resource study.				

CulturalResourceStudyLineItems	Cultural Resource Study [Line Items]	Used to group information about a study conducted about a cultural resource on a site.				
CulturalResourceStudyLink	Cultural Resource Study, Link	Link to the cultural resource report.				
CulturalResourceStudyPreparer	Cultural Resource Study, Preparer	Name of the consultant who prepared the cultural resource study.				
CulturalResourceStudyTable	Cultural Resource Study [Table]	Represents information about studies conducted on a site-specific cultural resource which is defined as places of archeological, historical or cultural of significance, for example, an historic preservation site, burial ground, place of current or former worship, etc. Related information can include name of the preparer and the study, as well as link to the study.				
Curtailment	Curtailment, Amount	Amount of curtailment in kWh which is a reduction in the energy output of a generator from what it could otherwise produce given available resources (e.g., wind or sunlight).				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
CurtailmentEconomicModelFactorAmount	Economic Curtailment Model Factor, Amount	Amount of energy lost due to economic curtailment based on major design/energy production model. Economic curtailment is a result of wholesale market pricing, etc. To report estimated values for specified future periods, use the EstimationPeriodStartDateAxis, in conjunction with the concept EstimationPeriodForCurtailment.				
CurtailmentEconomicModelFactorPercent	Economic Curtailment Model Factor, Percent	Percentage of energy lost due to economic curtailment based on major design/energy production model. Economic curtailment is a result of wholesale market pricing, etc. To report estimated values for specified future periods, use the EstimationPeriodStartDateAxis, in conjunction with the concept EstimationPeriodForCurtailment.				
CurtailmentEmergencyOrConstructionModelFactorAmount	Emergency or Construction Curtailment Model Factor, Amount	Amount of energy lost due to curtailment based on major design/energy production model for emergencies or construction work.To report estimated values for specified future periods, use the EstimationPeriodStartDateAxis, in conjunction with the concept EstimationPeriodForCurtailment.				
CurtailmentEmergencyOrConstructionModelFactorPercent	Emergency or Construction Curtailment Model Factor, Percent	Percentage of energy lost due to curtailment from emergencies or construction work, based on major design/energy production model.To report estimated values for specified future periods, use the EstimationPeriodStartDateAxis, in conjunction with the concept EstimationPeriodForCurtailment.				
CurtailmentMeasurementPeriod	Curtailment Measurement Period, Description	Time period over which curtailment is measured.				
CurtailmentModelFactorAbstract	Curtailment Model Factor [Abstract]	Information about curtailment model factor estimates.				

CurtailmentOtherModelFactorAmount	Other Curtailment Model Factor, Amount	Amount of energy lost due to curtailment based on major design/energy production model due to reasons other than economics (wholesale market pricing or the like), stability, congestion, emergencies, or construction. To report estimated values for specified future periods, use the EstimationPeriodStartDateAxis, in conjunction with the concept EstimationPeriodForCurtailment.				
CurtailmentOtherModelFactorPercent	Other Curtailment Model Factor, Percent	Percentage of energy lost due to curtailment caused by reasons other than economics (wholesale market pricing or the like), stability, congestion, emergencies, or construction. Value reported should be based on major design/energy production model. To report estimated values for specified future periods, use the EstimationPeriodStartDateAxis, in conjunction with the concept EstimationPeriodForCurtailment.				
CurtailmentStabilityOrCongestionModelFactorAmount	Stability or Congestion Curtailment Model Factor, Amount	Amount of energy lost due to stability or congestion curtailment on the transmission system, based on major design/energy production model. To report estimated values for specified future periods, use the EstimationPeriodStartDateAxis, in conjunction with the concept EstimationPeriodForCurtailment.				
CurtailmentStabilityOrCongestionModelFactorPercent	Stability or Congestion Curtailment Model Factor, Percent	Percentage of energy lost due to stability or congestion curtailment on the transmission system, based on major design/energy production model. To report estimated values for specified future periods, use the EstimationPeriodStartDateAxis, in conjunction with the concept EstimationPeriodForCurtailment.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
CurtailmentTotalModelFactorAmount	Total Curtailment Model Factor, Amount	Amount of energy lost due to curtailment based on major design/energy production model. To report estimated values for specified future periods, use the EstimationPeriodStartDateAxis, in conjunction with the concept EstimationPeriodForCurtailment.				
CurtailmentTotalModelFactorPercent	Total Curtailment Model Factor, Percent	Percentage of energy lost due to curtailment based on major design/energy production model. To report estimated values for specified future periods, use the EstimationPeriodStartDateAxis, and the EstimationPeriodForCurtailment.				
CustomTestCondition	Test Condition, Description	Description of the test condition.				
CustomTestConditionAbstract	Custom Test Condition [Abstract]	Information about a custom test condition that was used in the event that STC, PTC or Nominal Operating Condition is not used as the test condition.				
CustomTestConditionAirMass	Test Condition Air Mass	Air mass during the test condition.				
CustomTestConditionAmbientTemperature	Test Condition Ambient Temperature	Ambient temperature during the test condition. Can be reported as Celsius or Fahrenheit by the preparer when specifying units in the instance document.				

CustomTestConditionCellTemperature	Test Condition Cell Temperature	Ambient temperature during the test condition. Can be reported as Celsius or Fahrenheit by the preparer when specifying units in the instance document.				
CustomTestConditionIrradianceAmount	Test Condition Irradiance, Amount	Amount of irradiance during the test condition.				
CustomTestConditionMember	Custom Test Condition [Member]	Custom test condition created with specified attributes for air mass, ambient temperature, cell temperature, irradiance and wind speed.				
CustomTestConditionWindSpeed	Test Condition Wind Speed	Wind speed during the test condition.				
CutSheetAbstract	Cut Sheet [Abstract]	Abstract for the Cut Sheet Document				
CutSheetAvailabilityOfDocument	Availability Of Cut Sheets, Flag	Indicates if the Cut Sheets are available. If they are available, TRUE; if they are not available, FALSE.				
CutSheetDetailsLineItems	Product Details [Line Items]	Use to group information needed for a manufacturer cut sheet.				
CutSheetDetailsTable	Product Details [Table]	Represents information about products typically reported on a manufacturer cut sheet.				
CutSheetDocumentLink	Cut Sheet Document, Link	URI to the location of the Cut Sheet (Data Sheet) published by the manufacturer.				
DataAcquisitionSystemAbstract	Data Acquisition Systems [Abstract]	Information about the Data Acquisition System.				
DataAcquisitionSystemCommunicationProtocol	Data Acquisition System Communication Protocol	Communication protocol of the Data Acquisition System which can be Modbus, Zigbee, WIFI, or Ethernet.				
DataAcquisitionSystemDocumentationLink	Data Acquisition System Documentation URI, Link	Link to the documentation URI for the Data Acquisition System.				
DataAcquisitionSystemIPAddress	Data Acquisition System, IP Address	IP address for the Data Acquisition System.				
DataAcquisitionSystemLicenseExpense	Data Acquisition System License Expense, Amount	Cost of the Data Acquisition System license.				
DataAcquisitionSystemLicenseExpirationDate	Data Acquisition Systems, License Expiration Date	Expiration date of the Data Acquisition System license.				
DataAcquisitionSystemManufacturerContactAndTitle	Data Acquisition Systems Manufacturer, Contact Name and Title	Name and title of contact for Data Acquisition System.				
DataAcquisitionSystemManufacturerEmailAddress	Data Acquisition Systems Manufacturer, Email Address	Email address for Data Acquisition System.				
DataAcquisitionSystemManufacturerName	Data Acquisition Systems Manufacturer, Name	Name of Data Acquisition System manufacturer.				
DataAcquisitionSystemMember	Data Acquisition System [Member]	Data Acquisition System or (DAQ) is the collection of tools used to collect operational data associated with the solar installation. A DAQ consists of both software and hardware.				

DataAcquisitionSystemModelNumber	Data Acquisition Systems, Model Number	Model number of Data Acquisition System.				
DataAcquisitionSystemNumberOfUnits	Data Acquisition Systems, Number Of Units	Number of Data Acquisition Systems in a portfolio.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
DCDisconnectSwitchMember	DC Disconnect Switch [Member]	Device separating the flow of DC current from the modules to the inverter.				
DebtCurrent	Debt, Current	Amount of short-term debt and current maturity of long-term debt and capital lease obligations due within one year or the normal operating cycle, if longer.				
DebtInstrumentPeriodicPaymentInterest	Debt Instrument, Periodic Payment, Interest	Amount of the required periodic payments applied to interest.				
DebtInstrumentPeriodicPaymentPrincipal	Debt Instrument, Periodic Payment, Principal	Amount of the required periodic payments applied to principal.				
DeferredCosts	Deferred Costs, Noncurrent	Sum of the carrying amounts of deferred costs that are expected to be recognized as a charge against earnings in periods after one year or beyond the normal operating cycle, if longer.				
DeferredCostsCurrent	Deferred Costs, Current	Sum of the carrying amounts as of the balance sheet date of deferred costs capitalized at the end of the reporting period that are expected to be charged against earnings within one year or the normal operating cycle, if longer.				
DeferredRentCredit	Deferred Rent Credit	The cumulative difference between the rental payments required by a lease agreement and the rental income or expense recognized on a straightline basis, or other systematic and rational basis more representative of the time pattern in which use or benefit is granted or derived from the leased property, expected to be recognized in income or expense over the term of the leased property by the lessor or lessee, respectively.				
DeferredRevenueAndCreditsNoncurrent	Deferred Revenue and Credits, Noncurrent	Total carrying amount of consideration received or receivable as of the balance sheet date representing potential earnings that were not as yet recognized as revenue or other forms of income in conformity with GAAP, and which are expected to be recognized as such after one year or beyond the normal operating cycle, if longer.				
DeferredTaxAssetsLiabilitiesNetCurrent	Deferred Tax Assets, Net, Current	Amount, after allocation of valuation allowances and deferred tax liability, of deferred tax asset attributable to deductible differences and carryforwards, netted by jurisdiction and classified as current.				
DeferredTaxLiabilitiesCurrent	Deferred Tax Liabilities, Net, Current	Amount, after deferred tax asset, of deferred tax liability attributable to taxable differences, with jurisdictional netting and classified as current.				
DeferredTaxLiabilitiesNoncurrent	Deferred Tax Liabilities, Net, Noncurrent	Amount, after deferred tax asset, of deferred tax liability attributable to taxable differences, with jurisdictional netting and classified as noncurrent.				

DeficitRestorationObligation	Deficit Restoration Obligation, Amount	An amount contributed by a partner with a negative capital account balance that brings the account balance to zero when the partnership interest is liquidated, usually within 90 days or by the end of the tax year in which the partner's interest are sold.				
DeficitRestorationObligationLimit	Deficit Restoration Obligation Limit, Amount	Amount of the cap on the deficit restoration obligation.				
Depreciation	Depreciation	The amount of expense recognized in the current period that reflects the allocation of the cost of tangible assets over the assets' useful lives. Includes production and non-production related depreciation.				
DesignAndConstructionDocumentLink	Design And Construction Documents, Link	Link to the Design And Construction document.				
DesignAndConstructionDocumentsAbstract	Design And Construction Documents [Abstract]	Information about the Design and Construction Documents for the project.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
DesignAndConstructionDocumentsAvailabilityOfDocument	Availability Of Design And Construction Documents, Flag	Indicates if the Design and Construction Documents is available. If it is available, TRUE; if it is not available, FALSE.				
DesignAndConstructionDocumentsAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Design And Construction Documents, Flag	Indicates if there are exceptions to the Design and Construction Documents or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
DesignAndConstructionDocumentsAvailabilityOfFinalDocument	Availability Of Final Design And Construction Documents, Flag	Indicates if the Design and Construction Documents is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
DesignAndConstructionDocumentsCounterparties	Counterparties To The Design And Construction Documents, Names	Names of counterparties to the Design and Construction Documents.				
DesignAndConstructionDocumentsExceptionDescription	Design And Construction Documents Exceptions, Description	Description of any exceptions to the Design and Construction Documents or issues raised.				
DesignAttributeAbstract	Design Attribute [Abstract]	Information about the design attributes.				
DesignAttributePVACCapacity	PV AC Capacity, Power	Total AC Capacity of the system based on the design of the system and the manufacturer's expected capacity (calculated as DC X (1-derate factor)).				
DesignAttributePVACRating	PV AC Rating, Power	Nominal AC power rating of the System based on the design of the system in kWp.				
DesignAttributePVDCCapacity	PV DC Capacity, Power	Total DC Capacity of the system based on the design of the system at Standard Test Conditions.				
DesignReviewOfArchitecturalReportMember	Design Review Of Architectural Report [Member]	Design review of the Architectural IFC (Industrial Foundation Classes) Drawings (for on-site buildings only).				
DesignReviewOfCivilReportMember	Design Review Of Civil Report [Member]	Design review of the Civil IFC (Industrial Foundation Classes) Drawings including earthwork and drainage.				

DesignReviewOfElectricalReportMember	Design Review Of Electrical Report [Member]	Design review of the Electrical IFC (Industrial Foundation Classes) Drawings including substation(s).				
DesignReviewOfGeotechReportMember	Design Review Of Geotech Report [Member]	Design review of the Geotech report to ensure compatibility with IFC (Industrial Foundation Classes) Drawings.				
DesignReviewOfMechanicalReportMember	Design Review Of Mechanical Report [Member]	Design review of the Mechanical IFC (Industrial Foundation Classes) Drawings.				
DesignReviewOfStructuralReportMember	Design Review Of Structural Report [Member]	Design review of the Structural IFC (Industrial Foundation Classes) Drawings including wind loading (for both ground and roof), structural roof integrity and post pull-out test results for ground (if needed).				
DeveloperAbstract	Developer [Abstract]	Information about the project developer.				
DeveloperAbstract	Developer [Abstract]	Information about the Developers.				
DeveloperCommunityEngagement	Developer Community Engagement, Description	Description of developer's engagement with the local community on current and past projects.				
DeveloperConstructionDevelopmentExperience	Developer Construction and Development Experience, Description	Description of the developers past experience with project development and construction.				
DeveloperConstructionNumberOfMegawatts	Developer Megawatt Construction, Number	Number of megawatts (MWac) developer has constructed.				
DeveloperCurrentFunds	Developer Current Funds, Description	Description of funds the developer is involved with including general fund structure, organization and competitive advantage in target markets.				
DeveloperDetailsLineItems	Developer Details [Line Items]	Used to group a listing of information about a Developer.				
DeveloperEngineeringProcurementAndConstructionActivitiesAsPrime	Developer Engineering Procurement and Construction Activities as Prime, Description	Description of the aspects of EPC (Engineering Procurement and Construction) performed by the developer as a prime contractor.				
DeveloperEngineeringProcurementAndConstructionWarrantyStrategy	Developer Engineering Procurement and Construction Warranty Strategy, Description	Description of developer's EPC (Engineering Procurement and Construction) warranty strategy.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
DeveloperExecutiveBios	Developer Executive Bios, Description	Executive biographies of the developer company management.				
DeveloperFederalTaxIdentificationNumber	Developer, Federal Tax Identification Number	Federal tax identification number for the developer.				
DeveloperFundingTechnologyExperience	Developer Funding Technology Experience, Description	Description of developer experience with technology contemplated for funding, customers, amount of megawatts developed in US and abroad, time in business in US and abroad.				
DeveloperFundReports	Fund Reports, Description	Description of fund prospectus' and other reports provided to investors for the current fund.				
DeveloperGovernanceDecisionAuthority	Developer Governance Decision Authority, Description	Description of the process and individuals authorized to make decisions in the developer governance process.				

DeveloperGovernanceStructure	Developer Governance Structure, Description	Description of the developer governance structure including board members and processes.				
DeveloperIdentifier	Developer Identifier	Identifier for the Developer.				
DeveloperIdentifierAxis	Developer Identifier [Axis]	Used as the identifier for Developers.				
DeveloperIdentifierDomain	Developer Identifier	Used as the identifier for Developers.				
DeveloperIndependentSystemOperatorExperience	Developer Independent System Operator Experience, Description	Description of developer's experience in various Independent System Operator (ISO) regional energy markets.				
DeveloperMegawattConstructionLocations	Developer Megawatt Construction Locations, Description	Description of locations where developer has developed Megawatt construction.				
DeveloperMegawattConstructionNumberOfProjects	Developer Megawatt Construction Projects, Number	Number of Megawatt construction projects developer has performed.				
DeveloperOrganizationStructure	Developer Organization Structure, Description	Description of developer staff and internal organizational structure.				
DeveloperPastFunds	Developer Past Funds, Description	Description of past funds the developer has been involved with including size, returns, years the funds were created, investor base and investment guidelines.				
DeveloperPerformanceGuaranteeAbstract	Developer Performance Guarantee [Abstract]	Information about developer performance guarantees for the project or the portfolio.				
DeveloperPortfolioGuaranteeOutput	Developer Portfolio Guaranteed Output, Energy	kWh output guaranteed by the developer for the portfolio.				
DeveloperPortfolioPerformanceGuarantee	Developer Portfolio Performance Guarantee, Percent	Guaranteed output as percent of P50 energy production estimate for the portfolio.				
DeveloperPortfolioPerformanceGuaranteeAbstract	Developer Portfolio Performance Guarantee [Abstract]	Information about the performance guarantee by the developer over the portfolio.				
DeveloperPortfolioPerformanceGuaranteeDocumentLink	Developer Portfolio Performance Guarantee, Link	Link to the Developer Portfolio Performance Guarantee document.				
DeveloperPortfolioPerformanceGuaranteeExpirationDate	Developer Portfolio Performance Guarantee, Expiration Date	Expiration date of the developer performance guarantee for the portfolio.				
DeveloperPortfolioPerformanceGuaranteeInitiationDate	Developer Portfolio Performance Guarantee, Initiation Date	Initiation date of the developer performance guarantee for the portfolio.				
DeveloperPortfolioPerformanceGuaranteeTerm	Developer Portfolio Performance Guarantee, Term	Term of the developer performance guarantee for the portfolio which may be in years or months. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
DeveloperPortfolioPerformanceType	Developer Portfolio Performance Guarantee, Description	Description of the developer performance guarantee type for the portfolio.				

DeveloperPreferredIndependentEngineers	Developer Preferred Independent Engineers, Description	Description of developers preferred independent engineers, contact information and other information including willingness to allow other stakeholders to contact them directly.				
DeveloperProjectCommissioningAndPerformanceTesting	Developer Project Commissioning and Performance Testing, Description	Description of developer project commissioning and performance testing methods.				
DeveloperProjectGuaranteeOutput	Developer Project Guaranteed Output, Energy	kWh output guaranteed by the developer for the project.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
DeveloperProjectPerformanceGuarantee	Developer Project Performance Guarantee, Percent	Guaranteed output as percent of P50 energy production estimate for the project.				
DeveloperProjectPerformanceGuaranteeAbstract	Developer Project Performance Guarantee [Abstract]	Information about the performance guarantee by the developer over the project.				
DeveloperProjectPerformanceGuaranteeDocumentLink	Developer Project Performance Guarantee, Link	Link to the Developer project Performance Guarantee document.				
DeveloperProjectPerformanceGuaranteeExpirationDate	Developer Project Performance Guarantee, Expiration Date	Expiration date of the developer performance guarantee for the project.				
DeveloperProjectPerformanceGuaranteeInitiationDate	Developer Project Performance Guarantee, Initiation Date	Initiation date of the developer performance guarantee for the project.				
DeveloperProjectPerformanceGuaranteeTerm	Developer Project Performance Guarantee, Term	Term of the developer performance guarantee for the project which may be in years or months. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
DeveloperProjectPerformanceType	Developer Project Performance Guarantee, Description	Description of the developer performance guarantee type for the project.				
DeveloperRenewableOperatingExperience	Developer Renewable Operating Experience, Description	Description of the developers renewable operating experience for this fund and in aggregate, project names, MW produced, location, geography, performance including availability and production relative to underwriting, commercial operations date, percent of ownership, and indicate if they are managing members of tax equity.				
DeveloperStaffingAndSubcontractor	Developer Staffing and Subcontractor, Description	Description of developer staffing, for example, number and titles of staff versus number and qualifications of subcontractors. Qualifications can include location and safety record.				
DeveloperSubcontractorUse	Developer Subcontractor Use, Description	Description of developer use and qualifications of EPC (Engineering Procurement and Construction) subcontractors and preferred EPCs.				

DeveloperTable	Developer [Table]	Represents information related to a Developer which may include executive biographies, description and names of funds the developer has been involved with, governance and technical experience, staffing, development, community engagement and construction experience, number of watts constructed, use of subcontractors, and other information that may be helpful in evaluating the developer.				
DeveloperUseAndQualificationOfEquipment	Developer Use and Qualification of Equipment, Description	Description of the use and qualification of equipment, for example module accelerated lifetime testing, Independent Engineering reports, and preferred equipment.				
DeviceAbstract	Device [Abstract]	Information about the individual devices in the system.				
DeviceCost	Device, Cost	Aggregate cost of the device from start of the installation to date.				
DeviceIdentifier	Device Identifier	Identifier for an individual piece of equipment used in a system, for example, ABC Brand inverter with serial number xxxx.				
DeviceIdentifierAxis	Device Identifier [Axis]	Used to identify individual pieces of equipment used in a system, for example, ABC Brand inverter with serial number xxxx.				
DeviceIdentifierDomain	Device Identifier	Used to identify individual pieces of equipment used in a system, for example, ABC Brand inverter with serial number xxxx.				
DeviceLineItems	Device [Line Items]	Used to group information about a single piece of equipment used in a system.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
DeviceSpecificFeaturesAbstract	Device Specific Status [Abstract]	Information about devices that are specific to a particular individual device within a system. For example, temperature of an individual module or combiner.				
DeviceTable	Device [Table]	Represents individual devices in the Equipment Class that are used in the system such as inverter or module and can include information such as model, serial number, manufacture date, firmware version and link to the manual.				
DeviceWarrantyAbstract	Device Warranty [Abstract]	Information about equipment warranties related to specific devices in a system.				
DivisionOfStateArchitectApprovalAbstract	Division Of State Architect Approval [Abstract]	Information about approvals required by the Division of State Architect related to the site.				
DivisionOfStateArchitectApprovalDate	Division of State Architect Approval, Date	Date on which Division of State Architect approval was obtained.				
DivisionOfStateArchitectApprovalLink	Division of State Architect Approval, Link	Link to Division of State Architect approval notice.				
DivisionOfStateArchitectApprovalRequired	Division of State Architect Approval Required, Flag	Indication as to whether Division of State Architect approval is required.				
DivisionOfStateArchitectApprovalStatus	Division of State Architect Approval, Status	Status of Division of State Architect approval.				

DocumentIdentifierAdvisorInvoices	Document Identifier, Advisor Invoices	Identifier for Advisor Invoices.				
DocumentIdentifierAppraisal	Document Identifier, Appraisal	Identifier for Appraisal.				
DocumentIdentifierApprovalNotice	Document Identifier, Approval Notice	Identifier for Approval Notice.				
DocumentIdentifierApprovalNotice	Document Identifier, Approval Notice	Identifier for Approval Notice.				
DocumentIdentifierAssetManagementAgreement	Document Identifier, Asset Management Document	Identifier for Asset Management Agreement.				
DocumentIdentifierAssignmentAndAssumptionAgreement	Document Identifier, Assignment And Assumption Agreement	Identifier for Assignment And Assumption Agreement.				
DocumentIdentifierAssignmentOfInterest	Document Identifier, Assignment Of Interest	Identifier for Assignment Of Interest.				
DocumentIdentifierBillOfSale	Document Identifier, Bill Of Sale	Identifier for Bill Of Sale.				
DocumentIdentifierBoardResolutionForMasterLesseeLesseeAndOperator	Document Identifier, Board Resolution For Master Lessee, Lessee And Operator	Identifier for Board Resolution For Master Lessee, Lessee And Operator.				
DocumentIdentifierBreakageFeeAgreementAgreement	Document Identifier, Breakage Fee Side Letter Document	Identifier for Breakage Fee Side Letter Agreement.				
DocumentIdentifierBuildingInspection	Document Identifier, Building Inspection	Identifier for Building Inspection.				
DocumentIdentifierBusinessInterruptionInsurancePolicy	Document Identifier, Business Interruption Insurance Policy Insurance Policy	Identifier for Business Interruption Insurance Policy.				
DocumentIdentifierCasualtyInsurancePolicy	Document Identifier, Casualty Insurance Policy Insurance Policy	Identifier for Casualty Insurance Policy.				
DocumentIdentifierCertificateOfAcceptanceReport	Document Identifier, Certificate Of Acceptance Report	Identifier for Certificate Of Acceptance Report.				
DocumentIdentifierCertificateOfCompletion	Document Identifier, Certificate Of Completion	Identifier for Certificate Of Completion.				
DocumentIdentifierCertificateOfFinalCompletion	Document Identifier, Certificate Of Final Completion	Identifier for Certificate Of Final Completion.				
DocumentIdentifierCertificateOfFormationForMasterLesseeLesseeAndOperator	Document Identifier, Certificate Of Formation For Master Lessee, Lessee And Operator	Identifier for Certificate Of Formation For Master Lessee, Lessee And Operator.				
DocumentIdentifierCertificatesOfInsurance	Document Identifier, Certificates Of Insurance	Identifier for Certificates Of Insurance.				
DocumentIdentifierClosingCertificate	Document Identifier, Closing Certificate	Identifier for Closing Certificate.				
DocumentIdentifierClosingIndemnityAgreement	Document Identifier, Closing Indemnity Agreement	Identifier for Closing Indemnity Agreement.				

DocumentIdentifierCommercialGeneralLiabilityInsurancePolicy	Document Identifier, Commercial General Liability Insurance Policy	Identifier for Commercial General Liability Insurance Policy.				
DocumentIdentifierCommitmentAgreement	Document Identifier, Commitment Agreement	Identifier for Commitment Agreement.				
DocumentIdentifierComponentStatusReport	Document Identifier, Component Status Report	Identifier for Component Status Report.				
DocumentIdentifierConstructionContractorNoticeOfCertification	Document Identifier, Construction Contractor Notice Of Certification	Identifier for Construction Contractor Notice Of Certification.				
DocumentIdentifierConstructionIssuesReport	Document Identifier, Construction Issues Report	Identifier for Construction Issues Report.				
DocumentIdentifierConstructionLoanAgreement	Document Identifier, Construction Loan Document	Identifier for Construction Loan Agreement.				
DocumentIdentifierConstructionLoanAgreement	Document Identifier, Construction Loan Agreement	Identifier for Construction Loan Agreement.				
DocumentIdentifierConstructionMonitoringReport	Document Identifier, Construction Monitoring Report	Identifier for Construction Monitoring Report.				
DocumentIdentifierContinuityOfOperationsAgreement	Document Identifier, Continuity Of Operations Document	Identifier for Continuity Of Operations Agreement.				
DocumentIdentifierContinuityOfOperationsAgreement	Document Identifier, Continuity Of Operations Document	Identifier for Continuity Of Operations Agreement.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
DocumentIdentifierCoTenancyAgreement	Document Identifier, Co Tenancy Agreement	Identifier for Co Tenancy Agreement.				
DocumentIdentifierCreditReportsDocuments	Document Identifier, Credit Report Documents	Identifier for Credit Report Documents.				
DocumentIdentifierCutSheet	Document Identifier, Equipment Spec Sheets	Identifier for Equipment Spec Sheets.				
DocumentIdentifierDesignAndConstructionDocuments	Document Identifier, Design And Construction Documents	Identifier for Design And Construction Documents.				
DocumentIdentifierDeveloperPortfolioPerformanceGuaranteeAgreement	Document Identifier, Developer Portfolio Performance Guarantee Agreement	Identifier for Developer Portfolio Performance Guarantee Agreement.				
DocumentIdentifierDeveloperProjectPerformanceGuaranteeAgreement	Document Identifier, Developer Project Performance Guarantee Agreement	Identifier for Developer Project Performance Guarantee Agreement.				
DocumentIdentifierEasementReport	Document Identifier, Easement Report	Identifier for Easement Report.				
DocumentIdentifierElectricalInspection	Document Identifier, Electrical Inspection	Identifier for Electrical Inspection.				
DocumentIdentifierEnergyProductionInsurancePolicy	Document Identifier, Energy Production Insurance Policy	Identifier for Energy Production Insurance Policy.				

DocumentIdentifierEnergyProductionInsurancePolicy	Credit Support Amount Details [Line Items]	Used to group a listing of information about Credit Support Amount.				
DocumentIdentifierEngineeringProcurementandConstructionAgreement	Document Identifier, Engineering Procurement and Construction Document	Identifier for Engineering Procurement and Construction Agreement.				
DocumentIdentifierEngineeringProcurementAndConstructionContract	Document Identifier, Engineering Procurement And Construction Contract	Identifier for Engineering Procurement And Construction Contract.				
DocumentIdentifierEngineeringServicesChecklistReport	Document Identifier, Engineering Services Checklist	Identifier for Engineering Services Checklist.				
DocumentIdentifierEnvironmentalAssessmentI	Document Identifier, Environmental Assessment I	Identifier for Environmental Assessment I.				
DocumentIdentifierEnvironmentalAssessmentII	Document Identifier, Environmental Assessment II	Identifier for Environmental Assessment II.				
DocumentIdentifierEnvironmentalImpactReport	Document Identifier, Environmental Impact Report	Identifier for Environmental Impact Report.				
DocumentIdentifierEquipmentWarranties	Document Identifier, Equipment Warranties	Identifier for Equipment Warranties.				
DocumentIdentifierEquityCapitalContributionAgreement	Document Identifier, Equity Capital Contribution Document	Identifier for Equity Capital Contribution Agreement.				
DocumentIdentifierEquityContributionAgreement	Document Identifier, Equity Contribution Agreement	Identifier for Equity Contribution Agreement.				
DocumentIdentifierEquityContributionDocument	Document Identifier, Equity Contribution Document	Identifier for the Equity Contribution Agreement.				
DocumentIdentifierEquityContributionGuarantee	Document Identifier, Equity Contribution Guarantee	Identifier for Equity Contribution Guarantee.				
DocumentIdentifierEstoppelCertificatePowerPurchaseAgreement	Document Identifier, Estoppel Certificate Power Purchase Agreement	Identifier for Estoppel Certificate Power Purchase Agreement.				
DocumentIdentifierExposureReport	Document Identifier, Exposure Report	Identifier for Exposure Report.				
DocumentIdentifierFinancialLeaseSchedule	Document Identifier, Financial Lease Schedule	Identifier for Financial Lease Schedule.				
DocumentIdentifierFundingMemo	Document Identifier, Funding Memo	Identifier for Funding Memo.				
DocumentIdentifierFundingProposalRequest	Document Identifier, Funding Proposal Request	Identifier for Fund Proposal Request.				
DocumentIdentifierGuaranteeAgreement	Document Identifier, Guarantee Agreement	Identifier for Guarantee Agreement.				
DocumentIdentifierHedgeAgreement	Document Identifier, Hedge Document	Identifier for Hedge Agreement.				
DocumentIdentifierHostAcknowledgement	Document Identifier, Host Acknowledgement	Identifier for Host Acknowledgement.				

DocumentIdentifierIECRECertificate	Document Identifier, IECRE Certificate	Identifier for IECRE Certificate.				
DocumentIdentifierIncentiveAssignment	Document Identifier, Incentive Assignment	Identifier for Incentive Assignment.				
DocumentIdentifierIncumbencyCertificate	Document Identifier, Incumbency Certificate	Identifier for Incumbency Certificate.				
DocumentIdentifierIndependentEngineeringOpinionReport	Document Identifier, Independent Engineering Opinion Report	Identifier for Independent Engineering Opinion Report.				
DocumentIdentifierIndependentEngineeringReport	Document Identifier, Independent Engineering Report	Identifier for Independent Engineering Report.				
DocumentIdentifierIndividualContractorAgreement	Document Identifier, Individual Contractor Document	Identifier for Individual Contractor Agreement.				
DocumentIdentifierInstallationAgreement	Document Identifier, Installation Agreement	Identifier for Installation Agreement.				
DocumentIdentifierInsuranceConsultantReport	Document Identifier, Insurance Consultant Report	Identifier for Insurance Consultant Report.				
DocumentIdentifierInterconnectionAgreement	Document Identifier, Interconnection Agreement	Identifier for Interconnection Agreement.				
DocumentIdentifierInterconnectionApproval	Document Identifier, Interconnection Approval	Identifier for Interconnection Approval.				
DocumentIdentifierInvestmentMemoAgreement	Document Identifier, Investment Memo	Identifier for Investment Memo.				
DocumentIdentifierInvoiceIncludingWiringInstructions	Document Identifier, LLCA Agreement	Identifier for LLCA Agreement.				
DocumentIdentifierLCCRegistration	Document Identifier, LLC Registration	Identifier for LLC Registration.				
DocumentIdentifierLeaseContractForProject	Document Identifier, Lease Contract For Project	Identifier for Lease Contract For Project.				
DocumentIdentifierLeaseSchedule	Document Identifier, Lease Schedule	Identifier for Lease Schedule				
DocumentIdentifierLesseeClaimDocuments	Document Identifier, Lessee Claim Documents	Identifier for Lessee Claim Documents.				
DocumentIdentifierLesseeCollateralAgencyAgreement	Document Identifier, Lessee Collateral Agency Agreement	Identifier for Lessee Collateral Agency Agreement.				
DocumentIdentifierLesseeSecurityAgreement	Document Identifier, Lessee Security Agreement	Identifier for Lessee Security Agreement.				
DocumentIdentifierLetterOfCreditAgreement	Document Identifier, Letter Of Credit Agreement	Identifier for Letter Of Credit Agreement.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
-----------------------	-----------------------------	------------	--------	--------------------	---------------------------------	---------------------------------

DocumentIdentifierLiabilityInsuranceCertificate	Document Identifier, Liability Insurance Certificate Agreement	Identifier for Liability Insurance Certificate Agreement.				
DocumentIdentifierLiabilityInsurancePolicy	Document Identifier, Liability Insurance Policy	Identifier for Liability Insurance Policy.				
DocumentIdentifierLienWaiverAgreement	Document Identifier, Lien Waiver	Identifier for Lien Waiver.				
DocumentIdentifierLimitedLiabilityCompanyAgreement	Document Identifier, Limited Liability Company Document	Identifier for Limited Liability Company Agreement.				
DocumentIdentifierLLCAAgreement	Document Identifier, LLCA Agreement	Identifier for LLCA Agreement.				
DocumentIdentifierLLCAAgreement	Document Identifier, Local Incentive Contract	Identifier for Local Incentive Contract.				
DocumentIdentifierLLCFormationDocuments	Document Identifier, LLC Formation Documents	Identifier for LLC Formation Documents.				
DocumentIdentifierLocalIncentiveContract	Document Identifier, Local Incentive Contract	Identifier for Local Incentive Contract.				
DocumentIdentifierMasterLeaseAgreement	Document Identifier, Master Lease Document	Identifier for Master Lease Agreement.				
DocumentIdentifierMasterLesseeSecurityAgreement	Document Identifier, Master Lessee Security Agreement	Identifier for Master Lessee Security Agreement.				
DocumentIdentifierMasterPurchaseAgreement	Document Identifier, Master Purchase Document	Identifier for Master Purchase Agreement.				
DocumentIdentifierMasterServicesAgreement	Document Identifier, Master Services Agreement	Identifier for Master Services Agreement.				
DocumentIdentifierMechanicalCompletionCertificateAgreement	Document Identifier, Mechanical Completion Certificate	Identifier for Mechanical Completion Certificate.				
DocumentIdentifierMembershipCertificateOfLessee	Document Identifier, Membership Certificate Of Lessee	Identifier for Membership Certificate Of Lessee.				
DocumentIdentifierMembershipCertificateOfMasterLessee	Document Identifier, Membership Certificate Of Master Lessee	Identifier for Membership Certificate Of Master Lessee.				
DocumentIdentifierMembershipInterestPurchaseAgreement	Document Identifier, Membership Interest Purchase Document	Identifier for Membership Interest Purchase Agreement.				
DocumentIdentifierMembershipInterestPurchaseAgreement	Document Identifier, Membership Interest Purchase Agreement	Identifier for Membership Interest Purchase Agreement.				
DocumentIdentifierModuleAcceleratedAgeTestReport	Document Identifier, Module Accelerated Age Test Report	Identifier for Module Accelerated Age Test Report.				
DocumentIdentifierModuleFactoryAuditReport	Document Identifier, Module Factory Audit Report	Identifier for Module Factory Audit Report.				
DocumentIdentifierMonitoringContractAgreement	Document Identifier, Monitoring Contract Document	Identifier for Monitoring Contract Agreement.				

DocumentIdentifierMonthlyOperatingReport	Document Identifier, Monthly Operating Report	Identifier for Monthly Operating Report.				
DocumentIdentifierNoticeAndPaymentInstructions	Document Identifier, Notice And Payment Instructions	Identifier for Notice And Payment Instructions.				
DocumentIdentifierNoticeOfApproval	Document Identifier, Notice Of Approval	Identifier for Notice Of Approval.				
DocumentIdentifierNoticeOfCommercialOperation	Document Identifier, Notice Of Commercial Operation	Identifier for Notice Of Commercial Operation.				
DocumentIdentifierNoticeOfCommercialOperationsDate	Document Identifier, Notice Of Commercial Operations Date	Identifier for Notice Of Commercial Operations Date.				
DocumentIdentifierOperatingAgreementsForMasterLesseeLesseeAndOperator	Document Identifier, Operating Agreements For Master Lessee, Lessee And Operator	Identifier for Operating Agreements For Master Lessee, Lessee And Operator.				
DocumentIdentifierOperationalEventReport	Document Identifier, Operational Event Report	Identifier for Operational Event Report.				
DocumentIdentifierOperationalIssuesReport	Document Identifier, Operational Issues Report	Identifier for Operational Issues Report.				
DocumentIdentifierOperationsAndMaintenanceAgreement	Document Identifier, Operations and Maintenance Document	Identifier for Operations and Maintenance Agreement.				
DocumentIdentifierOperationsAndMaintenanceManual	Document Identifier, Operations And Maintenance Manual	Identifier for Operations And Maintenance Manual.				
DocumentIdentifierOperationsAndMaintenanceSubcontractorContract	Document Identifier, Operations and Maintenance Subcontractor Contract	Identifier for Operations and Maintenance Subcontractor Contract.				
DocumentIdentifierOperationsManual	Document Identifier, Operations Manual	Identifier for Operations Manual.				
DocumentIdentifierOperatorGuarantee	Document Identifier, Operator Guarantee	Identifier for Operator Guarantee.				
DocumentIdentifierOperatorPerformanceSponsorGuaranteeContract	Document Identifier, Operator Performance Sponsor Guarantee Contract	Identifier for Operator Performance Sponsor Guarantee Contract.				
DocumentIdentifierOtherEquipmentDueDiligenceReports	Document Identifier, Other Equipment Due Diligence Reports	Identifier for Other Equipment Due Diligence Reports.				
DocumentIdentifierParentGuaranteeAgreement	Document Identifier, Parent Guarantee Agreement	Identifier for Parent Guarantee Agreement.				
DocumentIdentifierPartnershipFlipContractForProject	Document Identifier, Partnership Flip Contract For Project	Identifier for Partnership Flip Contract For Project.				
DocumentIdentifierPerformanceGuaranteeAgreement	Document Identifier, Performance Guarantee Agreement	Identifier for Performance Guarantee Agreement.				
DocumentIdentifierPermissionToOperateInterconnectionApproval	Document Identifier, Permission To Operate Interconnection Approval	Identifier for Permission To Operate Interconnection Approval.				
DocumentIdentifierPledgeAgreement	Document Identifier, Pledge Agreement	Identifier for Pledge Agreement.				

DocumentIdentifierPowerPurchaseAgreement	Document Identifier, Power Purchase Document	Identifier for Power Purchase Agreement.				
DocumentIdentifierPricingFile	Document Identifier, Pricing File	Identifier for Pricing File.				
DocumentIdentifierPricingModelReport	Document Identifier, Pricing Model Report	Identifier for Pricing Model Report.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
DocumentIdentifierProjectAdministrationAgreement	Document Identifier, Project Administration Agreement	Identifier for Project Administration Agreement.				
DocumentIdentifierPropertyInsuranceCertificate	Document Identifier, Property Insurance Certificate Agreement	Identifier for Property Insurance Certificate Agreement.				
DocumentIdentifierPropertyInsurancePolicy	Document Identifier, Property Insurance Policy	Identifier for Property Insurance Policy.				
DocumentIdentifierPropertyTaxExemptionOpinion	Document Identifier, Property Tax Exemption Opinion	Identifier for Property Tax Exemption Opinion.				
DocumentIdentifierPunchList	Document Identifier, Punch List	Identifier for Punch List.				
DocumentIdentifierQualifyingFacilitiesSelfCertification	Document Identifier, Qualifying Facilities Self Certification	Identifier for Qualifying Facilities Self Certification.				
DocumentIdentifierRenewableEnergyCreditBuyerAcknowledgement	Document Identifier, Renewable Energy Credit Buyer Acknowledgement	Identifier for Renewable Energy Credit Buyer Acknowledgement.				
DocumentIdentifierRenewableEnergyCreditOfftakerAgreement	Document Identifier, Renewable Energy Credit Offtaker Agreement	Identifier for Renewable Energy Credit Offtaker Agreement.				
DocumentIdentifierRenewableEnergyCreditPerformanceAgreement	Document Identifier, Renewable Energy Credit Performance Agreement	Identifier for Renewable Energy Credit Performance Agreement.				
DocumentIdentifierSalesLeasebackContractForProject	Document Identifier, Sales Leaseback Contract For Project	Identifier for Sales Leaseback Contract For Project.				
DocumentIdentifierSecurityAgreementSupplement	Document Identifier, Security Agreement Supplement	Identifier for Security Agreement Supplement.				
DocumentIdentifierSecurityContract	Document Identifier, Security Contract	Identifier for Security Contract.				
DocumentIdentifierSharedFacilityAgreement	Document Identifier, Shared Facility Agreement	Identifier for Shared Facility Agreement.				
DocumentIdentifierSiteControlContract	Document Identifier, Site Control Contract	Identifier for Site Control Contract.				
DocumentIdentifierSiteLeaseAgreement	Document Identifier, Site Lease Document	Identifier for Site Lease Agreement.				
DocumentIdentifierSiteLeaseAssignment	Document Identifier, Site Lease Assignment	Identifier for Site Lease Assignment.				

DocumentIdentifierSiteLeaseMemo	Document Identifier, Site Lease Memo	Identifier for Site Lease Memo.				
DocumentIdentifierSiteLicenseAgreement	Document Identifier, Site License Agreement	Identifier for Site License Agreement.				
DocumentIdentifierSitePermit	Document Identifier, Site Permit	Identifier for Site Permit				
DocumentIdentifierSubstantialCompletionCertificate	Document Identifier, Substantial Completion Certificate	Identifier for Substantial Completion Certificate.				
DocumentIdentifierSupplementalReportReviewOfInsuranceReview	Document Identifier, Supplemental Report Review Of Insurance Review	Identifier for Supplemental Report Review Of Insurance Review.				
DocumentIdentifierSupplementalReportReviewOfLocalTaxReview	Document Identifier, Supplemental Report Review Of Local Tax Review	Identifier for Supplemental Report Review Of Local Tax Review				
DocumentIdentifierSupplyAgreements	Document Identifier, Supply Agreements	Identifier for Supply Agreements.				
DocumentIdentifierSuretyBondPolicy	Document Identifier, Surety Bond Policy Insurance Policy	Identifier for Surety Bond Policy Insurance Policy.				
DocumentIdentifierTaxIndemnityAgreement	Document Identifier, Tax Indemnity Agreement	Identifier for Tax Indemnity Agreement.				
DocumentIdentifierTaxOpinion	Document Identifier, Tax Opinion	Identifier for Tax Opinion.				
DocumentIdentifierTermLoanAgreement	Document Identifier, Term Loan Agreement	Identifier for Term Loan Agreement.				
DocumentIdentifierTermLoanAgreement	Document Identifier, Term Loan Document	Identifier for Term Loan Agreement.				
DocumentIdentifierTermSheet	Document Identifier, Term Sheet	Identifier for Term Sheet.				
DocumentIdentifierTitleSurvey	Document Identifier, Title Survey	Identifier for Title Survey.				
DocumentIdentifierTransmissionReportAndCurtailmentEstimate	Document Identifier, Transmission Report And Curtailment Estimate	Identifier for Transmission Report and Curtailment Estimate.				
DocumentIdentifierUCCPrecautionaryLeaseFiling	Document Identifier, UCC Precautionary Lease Filing	Identifier for UCC Precautionary Lease Filing.				
DocumentIdentifierUCCSecurityAgreement	Document Identifier, UCC Security Agreement	Identifier for UCC Security Agreement.				
DocumentIdentifierUCCTaxLienAndJudgmentLienSearches	Document Identifier, UCC Tax, Lien and Judgment Lien Searches	Identifier for UCC Tax, Lien and Judgment Lien Searches.				
DocumentIdentifierUniversalInsurancePolicy	Document Identifier, Universal Insurance Policy	Identifier for Universal Insurance Policy.				
DocumentIdentifierVegetationManagementAgreement	Document Identifier, Vegetation Management Agreement	Identifier for Vegetation Management Agreement.				

DocumentIdentifierWashingAndWasteManagementAgreement	Document Identifier, Washing And Waste Management Agreement	Identifier for Washing And Waste Management Agreement.				
DocumentIdentifierWiringInstructions	Document Identifier, Wiring Instructions	Identifier for Wiring Instructions.				
DocumentIdentifierWorkersCompensationInsurancePolicy	Document Identifier, Workers Compensation Insurance Policy Insurance Policy	Identifier for Workers Compensation Insurance Policy.				
DueToRelatedPartiesCurrentAndNoncurrent	Due To Related Parties	Carrying amount as of the balance sheet date of obligations due all related parties.				
EasementReportAbstract	Easement Report [Abstract]	Information about the Easement Report.				
EasementReportAvailabilityOfDocument	Availability Of Easement Report, Flag	Indicates if the Easement Report is available. If it is available, TRUE; if it is not available, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
EasementReportAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Easement Report, Flag	Indicates if there are exceptions to the Easement Report or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
EasementReportAvailabilityOfFinalDocument	Availability Of Final Easement Report, Flag	Indicates if the Easement Report is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
EasementReportCounterparties	Counterparties To The Easement Report, Names	Names of counterparties to the Easement Report.				
EasementReportDocumentLink	Easement Report, Link	Link to the Easement document.				
EasementReportEffectiveDate	Easement Report, Effective Date	Effective date of the Easement.				
EasementReportExceptionDescription	Easement Report Exceptions, Description	Description of any exceptions to the Easement or issues raised.				
EasementReportExpirationDate	Easement Report, Expiration Date	Expiration date of the Easement.				
ElectricalGenerationRevenue	Electrical Generation Revenue	Revenue from generation of electricity, a process of producing electric energy by transforming other forms of energy such as nuclear, fossil fuel, solar, geothermal, hydro, and wind.				
ElectricalInspectionAbstract	Electrical Inspection [Abstract]	Information about the Electrical Inspection for the project.				
ElectricalInspectionAvailabilityOfDocument	Availability Of Electrical Inspection, Flag	Indicates if the Electrical Inspection is available. If it is available, TRUE; if it is not available, FALSE.				
ElectricalInspectionAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Electrical Inspection, Flag	Indicates if there are exceptions to the Electrical Inspection or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
ElectricalInspectionAvailabilityOfFinalDocument	Availability Of Final Electrical Inspection, Flag	Indicates if the Electrical Inspection is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				

ElectricalInspectionCounterparties	Counterparties To The Electrical Inspection, Names	Names of counterparties to the Electrical Inspection.				
ElectricalInspectionDocumentLink	Electrical Inspection, Link	Link to the Electrical Inspection document.				
ElectricalInspectionEffectiveDate	Electrical Inspection, Effective Date	Effective date of the Electrical Inspection.				
ElectricalInspectionExceptionDescription	Electrical Inspection Exceptions, Description	Description of any exceptions to the Electrical Inspection or issues raised.				
ElectricalInspectionExpirationDate	Electrical Inspection, Expiration Date	Expiration date of the Electrical Inspection.				
EmployeeAbstract	Employee [Abstract]	Information about employees.				
EmployeeDetailsLineItems	Employee Details [Line Items]	Used to group information about a Employee.				
EmployeeFirstName	Employee, First Name	First name of the employee.				
EmployeeFullName	Employee, Full Name	Full name of the employee.				
EmployeeIdentifierAxis	Employee Identifier [Axis]	Used as the identifier for the employees.				
EmployeeIdentifierDomain	Employee Identifier	Used as the identifier for the employees.				
EmployeeLastName	Employee, Last Name	Last name of the employee.				
EmployeeRole	Employee Role, Description	Description of the role of the employee, for example transaction documents or due diligence.				
EmployeeRoleIdentifierAxis	Employee Role Identifier [Axis]	Used as the identifier for the Role of an Employee.				
EmployeeRoleIdentifierDomain	Employee Role Identifier [Domain]	Used as the identifier for the Role of an Employee.				
EmployeeRoleLevel	Employee Role, Level	Indicates the level of the employee, for example, lead or support.				
EmployeeRoleLineItems	Employee Role [Line Items]	Used to group a listing of information about the role of employees.				
EmployeeRoleTable	Employee Role [Table]	Represents information about a specific employee which can include whether they are associated with a fund or project, plus the identifier for that fund or project, their role and level.				
EmployeeRoleType	Employee Role, Type	Indicates whether the employee role was on a fund or a project.				
EmployeeTable	Employee [Table]	Represents information about an individual who is employed on the system including name, title, and team on which the individual works.				

EmployeeTeam	Employee, Team	Team name for the employee.				
EmployeeTitle	Employee, Title	Corporate title of the employee.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
EndDateOfElectricalEnergyTest	Electrical Energy Test, End Date	Time stamp indicating last day of IEC 61724-3 test, administered under OD-402.				
EndDateOfElectricalPowerTest	Electrical Power Test, End Date Time Stamp	Time stamp indicating the final day of the IEC 61724-2 test, administered under OD-401 or OD402.				
EnergyBudgetAbstract	Energy Budget [Abstract]	Information about the Energy Budget.				
EnergyBudgetDate	Energy Budget, Date	Date on which the budget was entered or corrected.				
EnergyBudgetDetailsLineItems	Energy Budget Details [Line Items]	Used to group information about the Energy Budget.				
EnergyBudgetIdentifier	Energy Budget Identifier	Identifier for the energy budget related to a site.				
EnergyBudgetIdentifierAxis	Energy Budget Identifier [Axis]	Used as the identifier for the Energy Budget.				
EnergyBudgetIdentifierDomain	Energy Budget Identifier [Domain]	Used as the identifier for the Energy Budget.				
EnergyBudgetPeriodicity	Energy Budget Periodicity, Description	Specifies periodicity of budget, for example monthly, quarterly, semi-annually, annual.				
EnergyBudgetPhase	Energy Budget Phase, Description	Identifies the phase of the budget, for example, closing, initial funding, final funding.				
EnergyBudgetSource	Energy Budget Source, Description	Description of the source of the budget, for example, sponsor, internal or Independent Engineer.				
EnergyBudgetStatus	Energy Budget Status, Description	Identifies the status of the budget, for example, preliminary, indicative or final.				
EnergyBudgetSystemPerformanceDegradationPercent	Energy Budget, System Performance Degradation, Percent	Annual percent degradation of system performance.				
EnergyBudgetTable	Energy Budget [Table]	Represents information about various energy budgets developed that are related to a site. Data reported can include version, source, status, phase, and date, as well as first year output, annual degradation of system performance, performance ratio, and periodicity of budget.				
EnergyBudgetVersion	Energy Budget Version, Description	Description of the version of the budget.				
EnergyBudgetYear1CapacityFactorPercent	Energy Budget, Year 1 Capacity Factor, Percent	First year capacity factor percent, pre-availability and curtailment				

EnergyBudgetYear1EnergyYieldPercent	Energy Budget, Year 1 Energy Yield, Percent	First year output in megawatt hours (MWh) divided by megawatt hours at peak (MWp), pre-availability and curtailment.				
EnergyBudgetYear1OutputEnergy	Energy Budget, Year 1 Output, Energy	First year energy output in megawatt hours, preavailability and curtailment.				
EnergyContractHourlyRateAxis	Energy Contract, Hourly Rate [Axis]	Used to define the hour of the day.				
EnergyContractHourlyRateDomain	Energy Contract, Hourly Rate [Domain]	Used to define the hour of the day.				
EnergyContractHourlyRateHour10Member	Energy Contract Hourly Rate, Hour 10 [Member]	Represents 10:00 in 24 hour military time, 10:00 am. on the am/pm 12 hour clock.				
EnergyContractHourlyRateHour11Member	Energy Contract Hourly Rate, Hour 11 [Member]	Represents 11:00 in 24 hour military time, 11:00 am. on the am/pm 12 hour clock.				
EnergyContractHourlyRateHour12Member	Energy Contract Hourly Rate, Hour 12 [Member]	Represents 12:00 in 24 hour military time, 12:00 pm. on the am/pm 12 hour clock.				
EnergyContractHourlyRateHour13Member	Energy Contract Hourly Rate, Hour 13 [Member]	Represents 13:00 in 24 hour military time, 1:00 pm. on the am/pm 12 hour clock.				
EnergyContractHourlyRateHour14Member	Energy Contract Hourly Rate, Hour 14 [Member]	Represents 14:00 in 24 hour military time, 2:00 pm. on the am/pm 12 hour clock.				
EnergyContractHourlyRateHour15Member	Energy Contract Hourly Rate, Hour 15 [Member]	Represents 15:00 in 24 hour military time, 3:00 pm. on the am/pm 12 hour clock.				
EnergyContractHourlyRateHour16Member	Energy Contract Hourly Rate, Hour 16 [Member]	Represents 16:00 in 24 hour military time, 4:00 pm. on the am/pm 12 hour clock.				
EnergyContractHourlyRateHour17Member	Energy Contract Hourly Rate, Hour 17 [Member]	Represents 17:00 in 24 hour military time, 5:00 pm. on the am/pm 12 hour clock.				
EnergyContractHourlyRateHour18Member	Energy Contract Hourly Rate, Hour 18 [Member]	Represents 18:00 in 24 hour military time, 6:00 pm. on the am/pm 12 hour clock.				
EnergyContractHourlyRateHour19Member	Energy Contract Hourly Rate, Hour 19 [Member]	Represents 19:00 in 24 hour military time, 7:00 pm. on the am/pm 12 hour clock.				
EnergyContractHourlyRateHour1Member	Energy Contract Hourly Rate, Hour 1 [Member]	Represents 01:00 in 24 hour military time, 1:00 am. on the am/pm 12 hour clock.				
EnergyContractHourlyRateHour20Member	Energy Contract Hourly Rate, Hour 20 [Member]	Represents 20:00 in 24 hour military time, 8:00 pm. on the am/pm 12 hour clock.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
EnergyContractHourlyRateHour21Member	Energy Contract Hourly Rate, Hour 21 [Member]	Represents 21:00 in 24 hour military time, 9:00 pm. on the am/pm 12 hour clock.				
EnergyContractHourlyRateHour22Member	Energy Contract Hourly Rate, Hour 22 [Member]	Represents 22:00 in 24 hour military time, 10:00 pm. on the am/pm 12 hour clock.				
EnergyContractHourlyRateHour23Member	Energy Contract Hourly Rate, Hour 23 [Member]	Represents 23:00 in 24 hour military time, 11:00 pm. on the am/pm 12 hour clock.				

EnergyContractHourlyRateHour24Member	Energy Contract Hourly Rate, Hour 24 [Member]	Represents 24:00 in 24 hour military time, 12:00 pm. on the am/pm 12 hour clock.				
EnergyContractHourlyRateHour2Member	Energy Contract Hourly Rate, Hour 2 [Member]	Represents 02:00 in 24 hour military time, 2:00 am. on the am/pm 12 hour clock.				
EnergyContractHourlyRateHour3Member	Energy Contract Hourly Rate, Hour 3 [Member]	Represents 03:00 in 24 hour military time, 3:00 am. on the am/pm 12 hour clock.				
EnergyContractHourlyRateHour4Member	Energy Contract Hourly Rate, Hour 4 [Member]	Represents 04:00 in 24 hour military time, 4:00 am. on the am/pm 12 hour clock.				
EnergyContractHourlyRateHour5Member	Energy Contract Hourly Rate, Hour 5 [Member]	Represents 05:00 in 24 hour military time, 5:00 am. on the am/pm 12 hour clock.				
EnergyContractHourlyRateHour6Member	Energy Contract Hourly Rate, Hour 6 [Member]	Represents 06:00 in 24 hour military time, 6:00 am. on the am/pm 12 hour clock.				
EnergyContractHourlyRateHour7Member	Energy Contract Hourly Rate, Hour 7 [Member]	Represents 07:00 in 24 hour military time, 7:00 am. on the am/pm 12 hour clock.				
EnergyContractHourlyRateHour8Member	Energy Contract Hourly Rate, Hour 8 [Member]	Represents 08:00 in 24 hour military time, 8:00 am. on the am/pm 12 hour clock.				
EnergyContractHourlyRateHour9Member	Energy Contract Hourly Rate, Hour 9 [Member]	Represents 09:00 in 24 hour military time, 9:00 am. on the am/pm 12 hour clock.				
EnergyContractRateLineItems	Energy, Contract Rate Details [Line Items]	Represents information about the Energy Contract rates.				
EnergyContractRatePricePerEnergyUnit	Energy Contract, Price Per kWh	Purchase price per unit of energy (i.e. 1 kWh) generated by the system.				
EnergyContractYearlyRateAxis	Energy Contract, Yearly Rate [Axis] [No Default]	Used to define the year as an integer from the effective date of the Energy Contract.				
EnergyContractYearlyRateDomain	Energy Contract, Yearly Rate [Domain]	Used to define the year as an integer from the effective date of the Energy Contract.				
EnergyModelAbstract	Energy Production Model [Abstract]	Details about the solar energy calculation model.				
EnergyProductionEstimateOfIndependentSimulationMember	Energy Production Estimate Of Independent Engineer [Member]	Energy production estimate of independent engineer including Inter-Annual Variability and P50, P75, P90, P99 for 1 and 10 years in kWh.				
EnergyProductionEstimateOfLoadStudyMember	Energy Production Estimate Of Load Study [Member]	Energy production estimate of load study for nonexport systems and loss estimation in kWh.				
EnergyProductionEstimateOfLossEstimationMember	Energy Production Estimate Contribution From Losses [Member]	Energy production estimate contribution from loss estimation (curtailment, shading, soiling, snow, etc.) in kWh.				
EnergyProductionEstimateOfONDFileMember	Energy Production Estimate Contribution From OND File [Member]	Energy production estimate contribution from OND file creation or conformation and validation (inverter) in kWh.				
EnergyProductionEstimateOfPANFileMember	Energy Production Estimate Contribution From PAN File [Member]	Energy production estimate contribution from PAN file creation or confirmation contribution from validation (module) in kWh.				
EnergyProductionEstimateOfSolarResourceAssessmentMember	Energy Production Estimate Contribution From Solar Resource Assessment [Member]	Energy production estimate contribution from Solar Resource Assessment in kWh.				

EnergyProductionInsuranceAbstract	Energy Production Insurance [Abstract]	Information about Energy Production Insurance to protect against reduced energy production in the event of unexpected circumstances.				
EnergyProductionInsuranceLineItems	Energy Production Insurance [Line Items]	Used to group information about Energy Production insurance related to the project or the system.				
EnergyProductionInsuranceTable	Energy Production Insurance [Table]	Table containing information about Energy Production insurance, which may be required for different participants to the project such as a contractor, subcontractor, or project owner.				
EnergyRateTable	Energy Rate [Table]	Represents a Rate Class in the logical model that allows multiple instances of rates.				
EnergyRatioAndYieldAbstract	Energy Ratio And Yield [Abstract]	Information about energy ratios and yields related to the system.				
EnergyReferenceYield	Energy Reference Yield, Amount	The measure of the total energy generated per kWp installed over a certain period of time.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
EngineeringProcurementAndConstructionAbstract	Engineering, Procurement and Construction [Abstract]	Information about the the engineering procurement and construction related to the system.				
EngineeringProcurementAndConstructionAgreementAbstract	Engineering, Procurement and Construction Contract [Abstract]	Information about the Engineering Procurement and Construction Agreement to build the system.				
EngineeringProcurementAndConstructionAgreementActualCompletionDate	Engineering, Procurement And Construction Agreement, Actual Completion Date	Actual completion date of the Engineering, Procurement and Construction Agreement.				
EngineeringProcurementAndConstructionAgreementCapOnEPCLiabilities	Engineering, Procurement And Construction Agreement, Cap on EPC Liabilities, Amount	Amount of the cap on EPC liabilities in the Engineering Procurement and Construction Agreement.				
EngineeringProcurementAndConstructionAgreementConstructionDocumentsAvailability	Engineering, Procurement And Construction Agreement, Construction Documents Available, Flag	Confirmation of the availability of the construction documents per the Engineering Procurement and Construction Agreement. If available, TRUE; if not available, FALSE.				
EngineeringProcurementAndConstructionAgreementContractDate	Engineering, Procurement and Construction Contract, Date	Effective date of the Engineering Procurement and Construction contract.				
EngineeringProcurementAndConstructionAgreementContractDocumentsAvailability	Engineering, Procurement And Construction Agreement, Contract Documents Available, Flag	Confirmation of the availability of the contract documents, per the Engineering Procurement and Construction Agreement. If available, TRUE; if not available, FALSE.				
EngineeringProcurementAndConstructionAgreementContractedAmount	Engineering, Procurement and Construction Cost, Amount	Total contracted cost of the engineering procurement and construction.				
EngineeringProcurementAndConstructionAgreementContractHistory&Structure	Engineering, Procurement And Construction Agreement, Contract History And Structure, Description	Description of the history and structure of the Engineering Procurement and Construction Agreement.				
EngineeringProcurementAndConstructionAgreementContractType	Engineering, Procurement And Construction Agreement, Contract Type, Description	Description of the contract type of the Engineering Procurement and Construction Agreement.				
EngineeringProcurementAndConstructionAgreementCostPerUnitOfEnergy	Engineering, Procurement and Construction Cost Per Unit of Energy, Percent	Engineering Procurement Construction Cost, amount per unit of DC energy.				
EngineeringProcurementAndConstructionAgreementCustomer	Engineering, Procurement And Construction Agreement, Customer	Name of customer (developer) per the Engineering Procurement and Construction agreement.				

EngineeringProcurementAndConstructionAgreementDescription	Engineering, Procurement And Construction Contract, Description	Description of the Engineering Procurement and Construction Agreement.				
EngineeringProcurementAndConstructionAgreementExpectedCompletionDate	Engineering, Procurement And Construction Agreement, Expected Completion Date	Expected completion date of the Engineering, Procurement and Construction Agreement.				
EngineeringProcurementAndConstructionAgreementFinancialAssurances	Engineering, Procurement And Construction Agreement, Financial Assurances, Description	Description of the financial assurances provided by the Engineering Procurement and Construction contractor.				
EngineeringProcurementAndConstructionAgreementGuaranteedEnergyOutput	Engineering, Procurement and Construction Guaranteed Energy Output, Energy	Guaranteed output of the solar installation in kWh.				
EngineeringProcurementAndConstructionAgreementGuaranties	Engineering, Procurement And Construction Agreement, Guaranties, Description	Description of the guarantees in the Engineering Procurement and Construction Agreement.				
EngineeringProcurementAndConstructionAgreementInterconnectionAgreementAvailability	Engineering, Procurement And Construction Agreement, Interconnection Agreement Available, Flag	Confirmation of the availability of the Interconnection Agreement in the Engineering, Procurement and Construction Agreement. If available, TRUE; if not available, FALSE.				
EngineeringProcurementAndConstructionAgreementPerformanceGuaranteeExpirationDate	Engineering, Procurement and Construction Performance Guarantee, Expiration Date	Expiration date of the Engineering Procurement and Construction performance guarantee that the project will perform at a certain level of energy output.				
EngineeringProcurementAndConstructionAgreementPerformanceGuaranteeInitiationDate	Engineering, Procurement and Construction Performance Guarantee, Initiation Date	Initiation date of the Engineering Procurement and Construction performance guarantee that the project will perform at a certain level of energy output.				
EngineeringProcurementAndConstructionAgreementPerformanceGuaranteePercent	Engineering, Procurement and Construction Performance Guarantee, Percent	Performance guarantee calculated as kWh as percent of P50 energy production.				
EngineeringProcurementAndConstructionAgreementPerformanceGuaranteeTerm	Engineering, Procurement and Construction Performance Guarantee, Term	Term of the performance guarantee. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
EngineeringProcurementAndConstructionAgreementPerformanceGuaranteeType	Engineering, Procurement and Construction Performance Guarantee, Description	Description of the Engineering Procurement and Construction Agreement Performance Guarantee, indicating that the project will perform at a certain level of energy output.				
EngineeringProcurementAndConstructionAgreementScopeofWork	Engineering, Procurement And Construction Agreement, Scope Of Work, Description	Description of the scope of work outlined in the Engineering Procurement and Construction Agreement.				
EngineeringProcurementAndConstructionAgreementSpecialFeatures	Engineering, Procurement And Construction Agreement, Special Features, Description	Description of special features described in the Engineering Procurement and Construction Agreement.				
EngineeringProcurementAndConstructionAgreementSubcontractorScopeofWork	Engineering, Procurement and Construction Subcontractor Scope of Work, Description	Description of scope of work of the Engineering Procurement and Construction subcontractor.				
EngineeringProcurementAndConstructionAgreementWarrantyExpirationDate	Engineering, Procurement and Construction Warranty, Expiration Date	Engineering Procurement and Construction Warranty Expiration Date.				
EngineeringProcurementAndConstructionAgreementWarrantyInitiationDate	Engineering, Procurement and Construction Warranty, Initiation Date	Engineering Procurement and Construction Warranty Initiation Date.				

EngineeringProcurementAndConstructionAgreementWarrantyTerm	Engineering, Procurement and Construction Warranty, Term	Term of the warranty on the Engineering Procurement and Construction Agreement. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
EngineeringProcurementAndConstructionAgreementWorkmanshipWarrantyAvailability	Engineering, Procurement And Construction Agreement, Workmanship Warranty Available, Flag	Confirmation of the availability of the Workmanship Warranty per the Engineering Procurement and Construction Agreement. If available, TRUE; if not available, FALSE.				
EngineeringProcurementAndConstructionAgreementWorkmanshipWarrantyTerm	Engineering, Procurement And Construction Agreement, Workmanship Warranty, Term	Term of the Workmanship Warranty in the Engineering Procurement and Construction Agreement. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6month and 10-day term would be represented as P4Y6M10D.				
EngineeringProcurementAndConstructionContractAxis	Engineering, Procurement and Construction Contract [Axis] [No Default]	Used to identify information about the Engineering Procurement and Construction Contract.				
EngineeringProcurementAndConstructionContractIdentificationDomain	Engineering, Procurement and Construction Contract Identification [Domain]	Used to identify information about the Engineering Procurement and Construction Contract.				
EngineeringProcurementAndConstructionContractLineItems	Engineering, Procurement and Construction Contract Details [Line Items]	Represents information about the Engineering Procurement and Construction contract.				
EngineeringProcurementAndConstructionContractor	Engineering, Procurement and Construction Contractor, Name	Company Name of the Engineering Procurement and Construction contractor on the contract.				
EngineeringProcurementAndConstructionContractTable	Engineering, Procurement and Construction Contract [Table]	Represents information about the Engineering Procurement and Construction Contract, for example, term, description, name of contractor, scope, guaranties, type of contract, etc.				
EngineeringProcurementAndConstructionsContractor	Engineering, Procurement and Construction Contractor, Name	Name of the Engineering Procurement and Construction contractor.				
EngineeringProcurementAndConstructionsContractorDetailsAbstract	Engineering, Procurement and Construction Contractor Details [Abstract]	Information about the Engineering Procurement and Construction contractors engaged to build the system.				
EngineeringProcurementAndConstructionsContractorTitle	Engineering, Procurement and Construction Contractor, Title	Title of contact person at the Engineering Procurement and Construction contractor.				
EntityAddress1	Entity Address 1	First line address where entity is based.				
EntityAddress2	Entity Address 2	Second line address where entity is based.				
EntityAddressAbstract	Entity Address [Abstract]	Information about the address of the entity.				
EntityAuthorizedToViewSecurityDataEmailPhone	Entity Authorized To View Security Data, Email And Phone	Email and phone contact of individual or entity at the system authorized to view security data.				
EntityAxis	Entity [Axis] [No Default]	Axis for reporting multiple entities that are associated with the installation. Each typed member represents the UUID of a specific entity.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
EntityCode	Entity Code	An entity code is a 2 to 6 character string comprised of upper-case letters and numbers (no hyphens). Each entity registers an entity code. Code should be chosen such that it is most recognizable. It is recommend that the entity code is either a truncated entity name or a stock ticker symbol.				
EntityEmail	Entity Email	Email address of the entity.				
EntityFitchCreditRating	Entity Fitch Credit Rating	Fitch credit rating of the entity.				
EntityIdentifier	Entity Identifier	UUID identifier for a specific entity.				
EntityIdentifierDomain	Entity Identifier [Domain]	Represents the UUID for an entity.				
EntityIncorporationDateOfIncorporation	Entity Incorporation, Date of Incorporation	Date when an entity was incorporated				
EntityIncorporationStateCountryName	Entity Incorporation, Date of Incorporation	State or Country Name where an entity is incorporated				
EntityInformationAbstract	Entity Information [Abstract]	Information about the entity.				
EntityIsAssetManagerFlag	Entity Is Asset Manager, Flag	Indicates if the entity or counterparty is an Asset Manager; if it is, TRUE; if it is not, FALSE.				
EntityIsCOPBackupProviderFlag	Entity Is COP Backup Provider, Flag	Indicates if the entity or counterparty is a COP Backup Provider; if it is, TRUE; if it is not, FALSE.				
EntityIsEPCContractorFlag	Entity Is EPC Contractor, Flag	Indicates if the entity or counterparty is an EPC Contractor; if it is, TRUE; if it is not, FALSE.				
EntityIsEquipmentSupplierFlag	Entity Is Equipment Supplier, Flag	Indicates if the entity or counterparty is a PPA Offtaker; if it is, TRUE; if it is not, FALSE.				
EntityIsHoldingCompanyFlag	Entity Is Holding Company, Flag	Indicates if the entity or counterparty is a Holding Company; if it is, TRUE; if it is not, FALSE.				
EntityIsOperationsAndMaintenanceContractorFlag	Entity Is Operations And Maintenance Contractor, Flag	Indicates if the entity or counterparty is an Operations And Maintenance Contractor; if it is, TRUE; if it is not, FALSE.				
EntityIsOtherFlag	Entity Is Other, Flag	Indicates if the entity or counterparty is Other; if it is, TRUE; if it is not, FALSE.				
EntityIsPPAOfftakerFlag	Entity Is PPA Offtaker, Flag	Indicates if the entity or counterparty is a PPA Offtaker; if it is, TRUE; if it is not, FALSE.				
EntityIsSiteHostFlag	Entity Is Site Host, Flag	Indicates if the entity or counterparty is a Site Host; if it is, TRUE; if it is not, FALSE.				
EntityIsSponsorParentFlag	Entity Is Sponsor Parent, Flag	Indicates if the entity or counterparty is a Sponsor; if it is, TRUE; if it is not, FALSE.				

EntityIsUtility	Entity Is Utility, Flag	Indicates if the entity or counterparty is a utility; if it is, TRUE; if it is not, FALSE.				
EntityKrollCreditRating	Entity Kroll Credit Rating	Kroll credit rating of the entity.				
EntityLineItems	Entity Details [Line Items]	Line items represent information about a specific entity.				
EntityLocationCity	Entity City	City where the entity is based.				
EntityLocationCountry	Entity Country	ISO country code where system is located.				
EntityLocationCounty	Entity County	County where the entity is based.				
EntityLocationState	Entity State	State where the entity is based.				
EntityLocationZipCode	Entity Zip Code	Zip Code where the entity is based.				
EntityMember	Entity [Member]	Represents a entity associated with the system.				
EntityMoodyCreditRating	Entity Moodys Credit Rating	Moodys credit rating of the entity.				
EntityParentCompanyLegalEntityIdentifier	Entity Parent Company Legal Entity Identifier	Legal Entity Identifier of the parent company of the entity.				
EntityPhoneNumber	Entity Phone Number	Phone number of the entity.				

Orange Button Element	Orange Button Element Label	DefinitionPrimary role of the entity which can be one of the	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
-----------------------	-----------------------------	--	--------	--------------------	---------------------------------	---------------------------------

		following: Asset Owner, Asset Owner Parent Company, General Contractor, Prime Contractor, Surety, Bond Agent, Insurance Broker, Developer Attorney, Corporate Attorney, Contract Attorney, Environmental Attorney, Land-Use Attorney, Tax Attorney, Litigation Attorney, Interconnecting Utility as Authority Having Jurisdiction, Permitting Authority as Authority Having Jurisdiction, Regional Transmission Operator as Authority Having Jurisdiction, Independent System Operator as Authority Having Jurisdiction, Environmental Consultant, Equipment Factory Auditor, Independent Engineer, Insurance Consultant, Equipment Reliability Test Lab, Tax Consultant, Transmission Consultant, Appraiser, Weather Data Provider, Utility, REC Offtaker, General Contractor, Engineering Contractor/Installer, Construction Contractor/Installer, Subcontractor Contractor/Installer, Builders/Construction All-Risk Insurers, Ocean Cargo Insurer, General Liability Insurer, Automobile Liability Insurer, Workers Compensation Insurer, Umbrella/Excess Liability Insurer, Pollution Liability Insurer, Property Insurer, Business Interruption Insurer, Project Performance Insurer, Construction Lender, Back-leverage Lender, Commercial Lender, Personal Lender, LLC Partner Managing Member, LLC Partner Voting Member, LLC Partner Passive Member, Project Developer, Project Host, Long-term Equity				
EntityRole	Entity, Role					
EntityRoleIndicatorAbstract	Entity Role Indicator [Abstract]	Information about the role of the entity, indicated as boolean flag.				
EntitySizeACPower	Entity Size, AC, Power	Size of the entity in megawatts AC.				
EntitySizeDCPower	Entity Size, DC, Power	Size of the entity in megawatts DC.				
EntitySizeStorageEnergy	Entity Size, Storage, Energy	Size of storage facility in kWh.				
EntitySizeStoragePower	Entity Size, Storage, Power	Size of storage facility in kW.				
EntityStandard&PoorsCreditRating	Entity Standard & Poors Credit Rating	Standard & Poors credit rating of the entity.				
EntityStandardAndPoorsCreditRating	Entity Standard & Poors Credit Rating	Standard & Poors credit rating of the entity.				
EntityTable	Entity [Table]	This table allows reporting about the details of entities involved in a project describing who they are, their role and individual attributes. This table must include the Entity Axis which uniquely identifies the entity.				
EntityUtilityFlag	Entity Is Utility, Flag	Indicates if the entity or counterparty is a Utility; if it is, TRUE; if it is not, FALSE.				
EntityVendorCode	Entity, Vendor Code	The vendor code for the entity or counterparty in the bank's internal systems.				
EntityWebSiteURL	Entity Web Site URL	Website URL of the entity.				

EnvironmentalAbstract	Environmental [Abstract]	Information about the environmental impact of the installation.				
EnvironmentalBiologicalResources	Biological Resources, Description	Description of biological resources that should be considered concerning the installation, for example, presence of endangered species, vegetation.				
EnvironmentalGeneralEnvironmentalImpact	Environmental Impact, Description	General description of environmental impact of the system, for example, soil and air quality.				
EnvironmentalImpactReportAbstract	Environmental Impact Report [Abstract]	Information about the Environmental Impact Report which explains the environmental impact of the installation on the site.				
EnvironmentalImpactReportAvailabilityOfDocument	Availability Of Environmental Impact Report, Flag	Indicates if the Environmental Impact Report is available. If it is available, TRUE; if it is not available, FALSE.				
EnvironmentalImpactReportAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Environmental Impact Report, Flag	Indicates if there are exceptions to the Environmental Impact Report. If there are exceptions, TRUE; if there are no exceptions, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
EnvironmentalImpactReportAvailabilityOfFinalDocument	Availability Of Final Environmental Impact Report, Flag	Indicates if the Environmental Impact Report is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
EnvironmentalImpactReportCounterparties	Counterparties To The Environmental Impact Report, Names	Names of counterparties to the Environmental Impact Report.				
EnvironmentalImpactReportDocumentLink	Environmental Impact Report, Link	Link to the Environmental Impact Report document.				
EnvironmentalImpactReportEffectiveDate	Environmental Impact Report, Effective Date	Effective date of the Environmental Impact Report.				
EnvironmentalImpactReportExceptionDescription	Environmental Impact Report Exceptions, Description	Description of any exceptions to the Environmental Impact Report.				
EnvironmentalImpactReportExpirationDate	Environmental Impact Report, Expiration Date	Expiration date of the Environmental Impact Report.				
EnvironmentalImpactReportLineItems	Environmental Impact Report [Line Items]	Used to group information about Environmental Impact Reports related to the site.				
EnvironmentalSiteAssessment	Environmental Site Assessment, Description	Description of the Environmental Site Assessment which evaluates the environmental impact of the site, including the scope of the report such as whether the full site is covered.				
EnvironmentalSiteAssessmentAbstract	Environmental Site Assessment [Abstract]	Information about the Environmental Site Assessment.				
EnvironmentalSiteAssessmentAxis	Environmental Site Assessment [Axis]	Used as the identifier for the Environmental Site Assessment.				
EnvironmentalSiteAssessmentDetailsLineItems	Environmental Site Assessment Details [Line Items]	Used to group a listing of information about an Environmental Site Assessment.				
EnvironmentalSiteAssessmentDomain	Environmental Site Assessment [Domain]	Used as the identifier for the Environmental Site Assessment.				

EnvironmentalSiteAssessmentIAbstract	Environmental Site Assessment I [Abstract]	Information about the Environmental Site Assessment I.				
EnvironmentalSiteAssessmentIAvailabilityOfDocument	Availability Of Environmental Site Assessment I, Flag	Indicates if the Environmental Site Assessment I is available. If it is available, TRUE; if it is not available, FALSE.				
EnvironmentalSiteAssessmentIAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Environmental Site Assessment I, Flag	Indicates if there are exceptions to the Environmental Site Assessment I or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
EnvironmentalSiteAssessmentIAvailabilityOfFinalDocument	Availability Of Final Environmental Site Assessment I, Flag	Indicates if the Environmental Site Assessment I is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
EnvironmentalSiteAssessmentICounterparties	Counterparties To The Environmental Site Assessment I, Names	Names of counterparties to the Environmental Site Assessment I.				
EnvironmentalSiteAssessmentIdentifier	Environmental Site Assessment, Identifier	Identifier for the Environmental Site Assessment.				
EnvironmentalSiteAssessmentIDocumentLink	Environmental Site Assessment I, Link	Link to the Environmental Site Assessment I document.				
EnvironmentalSiteAssessmentIEffectiveDate	Environmental Site Assessment I, Effective Date	Effective date of the Environmental Site Assessment I.				
EnvironmentalSiteAssessmentIExceptionDescription	Environmental Site Assessment I Exceptions, Description	Description of any exceptions to the Environmental Site Assessment I or issues raised.				
EnvironmentalSiteAssessmentIExpirationDate	Environmental Site Assessment I, Expiration Date	Expiration date of the Environmental Site Assessment I.				
EnvironmentalSiteAssessmentIIAbstract	Environmental Site Assessment II [Abstract]	Information about the Environmental Site Assessment II.				
EnvironmentalSiteAssessmentIIAvailabilityOfDocument	Availability Of Environmental Site Assessment II, Flag	Indicates if the Environmental Site Assessment II is available. If it is available, TRUE; if it is not available, FALSE.				
EnvironmentalSiteAssessmentIIAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Environmental Site Assessment II, Flag	Indicates if there are exceptions to the Environmental Site Assessment II or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
EnvironmentalSiteAssessmentIIAvailabilityOfFinalDocument	Availability Of Final Environmental Site Assessment II, Flag	Indicates if the Environmental Site Assessment II is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
EnvironmentalSiteAssessmentIICounterparties	Counterparties To The Environmental Site Assessment II, Names	Names of counterparties to the Environmental Site Assessment II.				
EnvironmentalSiteAssessmentIIDocumentLink	Environmental Site Assessment II, Link	Link to the Environmental Site Assessment II document.				
EnvironmentalSiteAssessmentIIEffectiveDate	Environmental Site Assessment II, Effective Date	Effective date of the Environmental Site Assessment II.				
EnvironmentalSiteAssessmentIIExceptionDescription	Environmental Site Assessment II Exceptions, Description	Description of any exceptions to the Environmental Site Assessment II or issues raised.				

EnvironmentalSiteAssessmentIIExpirationDate	Environmental Site Assessment II, Expiration Date	Expiration date of the Environmental Site Assessment II.				
EnvironmentalSiteAssessmentIILineItems	Environmental Site Assessment II [Line Items]	Used to group information about environmental site assessment II reports related to the site.				
EnvironmentalSiteAssessmentIIRecognizedEnvironmentalCondition	Environmental Site Assessment II, Recognized Environmental Condition, Description	Description of the Recognized Environmental Condition in the Environmental Site Assessment II report.				
EnvironmentalSiteAssessmentIIReportAuthor	Environmental Site Assessment II, Report Author, Name	Name of the author of the Environmental Site Assessment II report.				
EnvironmentalSiteAssessmentILineItems	Environmental Site Assessment I [Line Items]	Used to group information about environmental site assessment I reports related to the site.				
EnvironmentalSiteAssessmentIRecognizedEnvironmentalCondition	Environmental Site Assessment I, Recognized Environmental Condition, Description	Description of the Recognized Environmental Condition in the Environmental Site Assessment I report.				
EnvironmentalSiteAssessmentIReportAuthor	Environmental Site Assessment I, Report Author, Name	Name of the author of the Environmental Site Assessment I report.				
EnvironmentalSiteAssessmentLineItems	Reportable Environmental Condition Details [Line Items]	Used to group a listing of information about reportable environmental conditions.				
EnvironmentalSiteAssessmentLink	Environmental Site Assessment, Link	Link to the Environmental Site Assessment report.				
EnvironmentalSiteAssessmentPhase	Environmental Site Assessment, Phase	Phase of the Environmental Site Assessment report.				
EnvironmentalSiteAssessmentPreparer	Environmental Site Assessment, Preparer	Name of consultant who prepared the Environmental Site Assessment Report.				
EnvironmentalSiteAssessmentReportIssueDate	Environmental Site Assessment, Report Issue Date	Date the Environmental Site Assessment report was issued.				
EnvironmentalSiteAssessmentTable	Environmental Site Assessment [Table]	Represents information related to an Environmental Site Assessment. There may be multiple assessments related to a site with information collected on name of preparer, description, phase, and link to the report.				
EquipmentManufacturerAddress1	Equipment Manufacturer Details Address 1	First line of the address of the equipment manufacturer.				
EquipmentManufacturerAddress2	Equipment Manufacturer Details Address 2	Second line of the address of the equipment manufacturer.				
EquipmentManufacturerAddressCity	Equipment Manufacturer Details Address City	City where equipment manufacturer is located.				
EquipmentManufacturerAddressCountry	Equipment Manufacturer Details Address Country	ISO country code where the equipment manufacturer is located.				
EquipmentManufacturerAddressState	Equipment Manufacturer Details Address State	State or province where the equipment manufacturer is based.				
EquipmentManufacturerAddressZipCode	Equipment Manufacturer Details Address Zip Code	Zip (postal) Code where the equipment manufacturer is based.				
EquipmentManufacturerContactName	Equipment Manufacturer Contact, Name	Contact name for the equipment manufacturer.				

EquipmentManufacturerDetailsAbstract	Equipment Manufacturer Details [Abstract]	Information about the equipment manufacturer.				
EquipmentOnboardingAbstract	Equipment Onboarding [Abstract]	Information about equipment in a system related to onboarding.				
EquipmentOnboardingLineItems	Equipment Onboarding [Line Items]	Used to group equipment-related information that may be relevant to the onboarding process of a system.				
EquipmentOnboardingTable	Equipment Onboarding [Table]	Represents information about equipment for the system related to the onboarding process.				
EquipmentProductModelComments	Equipment Product Model, Comments	Comments noted about the product model.				
EquipmentReviewCommunicationInfrastructureMember	Equipment Review Communication Infrastructure [Member]	Equipment review of Communication Infrastructure.				
EquipmentReviewDataAcquisitionSystemsMetersMember	Equipment Review Data Acquisition Systems Meters [Member]	Equipment review of Data Acquisition System/Meters.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
EquipmentReviewGenerationStepUpTransformersMember	Equipment Review Generation Step Up Transformers [Member]	Equipment review of Generation Step-up Transformers.				
EquipmentReviewInvertersMember	Equipment Review Inverters [Member]	Equipment review of Inverters.				
EquipmentReviewMediumVoltageTransformersMember	Equipment Review Medium Voltage Transformers [Member]	Equipment review of Medium Voltage Transformers.				
EquipmentReviewMeteorologicalStationMember	Equipment Review Meteorological Station [Member]	Equipment review of Meteorological Station.				
EquipmentReviewOtherMaterialEquipmentMember	Equipment Review Other Material Equipment [Member]	Equipment review of other material equipment if any.				
EquipmentReviewPVModulesMember	Equipment Review PV Modules [Member]	Equipment review of PV Modules.				
EquipmentReviewRackingTrackerOrParkingStructureMember	Equipment Review Racking Tracker Or Parking Structure [Member]	Equipment review of Racking, Tracker or Parking Structure.				
EquipmentReviewSCADASystemsMetersMember	Equipment Review SCADA Systems Meters [Member]	Equipment review of SCADA System/Meters.				
EquipmentReviewTelcoInfrastructureMember	Equipment Review Telco Infrastructure [Member]	Equipment review of Telco Infrastructure.				
EquipmentTypeAbstract	Equipment Type [Abstract]	Information about the equipment types used in the system, for example, modules, inverters, combiners.				
EquipmentTypeAverageCostPerUnit	Equipment Type, Average Cost Per Unit	Average cost of the device.				
EquipmentTypeAxis	Equipment Type [Axis]	Used to identify classes of equipment used in a system, for example, inverter, module.				

EquipmentTypeDomain	Equipment Type [Domain]	Used to identify classes of equipment used in a system, for example, inverter, module.				
EquipmentTypeLineItems	Equipment Type [Line Items]	Used to group information about equipment used in a system.				
EquipmentTypeTable	Equipment Type [Table]	Represents an Equipment Class to describe types of equipment used in the system or plant such as module, inverter or combiner.				
EquipmentTypeWarranty	Equipment Type Warranty, Description	Description of the warranty available on a type of equipment.				
EquipmentTypeWarrantyLineItems	Equipment Type Warranty [Line Items]	Used to group information about the warranties available for types of equipment used in a system.				
EquipmentTypeWarrantyOutput	Equipment Type Warranty Output, Description	Description of the warranted output.				
EquipmentTypeWarrantyStartDate	Equipment Type Warranty, Start Date	Start date of the equipment warranty.				
EquipmentTypeWarrantyStartDateMilestone	Equipment Type Warranty, Start Date Milestone, Description	Description of start date milestone, for example, delivery of the equipment at the site.				
EquipmentTypeWarrantyTable	Equipment Type Warranty [Table]	Represents an Equipment Class to describe warranties for various types of equipment used in the system or plant. Reported data can include term, start and end date, description of milestones.				
EquipmentTypeWarrantyTerm	Equipment Type Warranty, Term	Duration of the product warranty term offered by the manufacturer in the format P1Y1M1D. The value should be entered using the ISO8601 format of PnYnMnDnTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
EquipmentWarrantiesAbstract	Equipment Warranties [Abstract]	Information about the Equipment Warranties for the project.				
EquipmentWarrantiesAvailabilityOfDocument	Availability Of Equipment Warranties, Flag	Indicates if the Equipment Warranties is available. If it is available, TRUE; if it is not available, FALSE.				
EquipmentWarrantiesAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Equipment Warranties, Flag	Indicates if there are exceptions to the Equipment Warranties or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
EquipmentWarrantiesAvailabilityOfFinalDocument	Availability Of Final Equipment Warranties, Flag	Indicates if the Equipment Warranties is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
EquipmentWarrantiesCounterparties	Counterparties To The Equipment Warranties, Names	Names of counterparties to the Equipment Warranties.				
EquipmentWarrantiesDocumentLink	Equipment Warranties, Link	Link to the Equipment Warranties document.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
-----------------------	-----------------------------	------------	--------	--------------------	---------------------------------	---------------------------------

EquipmentWarrantiesEffectiveDate	Equipment Warranties, Effective Date	Effective date of the Equipment Warranties.				
EquipmentWarrantiesExceptionDescription	Equipment Warranties Exceptions, Description	Description of any exceptions to the Equipment Warranties or issues raised.				
EquipmentWarrantiesExpirationDate	Equipment Warranties, Expiration Date	Expiration date of the Equipment Warranties.				
EquityContributionAgreementAbstract	Equity Contribution Agreement [Abstract]	Information about the Equity Contribution Agreement which is an agreement between two or more parties agreeing to pool certain capital, cash, and other assets in a company to conduct certain business in exchange for equity in the company conducting the venture.				
EquityContributionAgreementAvailabilityOfDocument	Availability Of Equity Contribution Agreement, Flag	Indicates if the Equity Contribution Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
EquityContributionAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Equity Contribution Agreement, Flag	Indicates if there are exceptions to the Equity Contribution Agreement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
EquityContributionAgreementAvailabilityOfFinalDocument	Availability Of Final Equity Contribution Agreement, Flag	Indicates if the Equity Contribution Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
EquityContributionAgreementCounterparties	Counterparties To The Equity Contribution Agreement, Names	Names of counterparties to the Equity Contribution Agreement.				
EquityContributionAgreementEffectiveDate	Equity Contribution Agreement, Effective Date	Effective date of the Equity Contribution Agreement.				
EquityContributionAgreementExceptionDescription	Equity Contribution Agreement Exceptions, Description	Description of any exceptions to the Equity Contribution Agreement or issues raised.				
EquityContributionAgreementExpirationDate	Equity Contribution Agreement, Expiration Date	Expiration date of the Equity Contribution Agreement.				
EquityContributionDocumentLink	Equity Contribution Agreement, Link	Link to the Equity Contribution document.				
EquityContributionGuaranteeAbstract	Equity Contribution Guarantee [Abstract]	Information about the guarantee in the Equity Contribution Agreement which is an agreement between two or more parties agreeing to pool certain capital, cash, and other assets in a company to conduct certain business in exchange for equity in the company conducting the venture.				
EquityContributionGuaranteeAvailabilityOfDocument	Availability Of Equity Contribution Guarantee, Flag	Indicates if the Equity Contribution Guarantee is available. If it is available, TRUE; if it is not available, FALSE.				
EquityContributionGuaranteeAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Equity Contribution Guarantee, Flag	Indicates if there are exceptions to the Equity Contribution Guarantee or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
EquityContributionGuaranteeAvailabilityOfFinalDocument	Availability Of Final Equity Contribution Guarantee, Flag	Indicates if the Equity Contribution Guarantee is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
EquityContributionGuaranteeCounterparties	Counterparties To The Equity Contribution Guarantee, Names	Names of counterparties to the Equity Contribution Guarantee.				

EquityContributionGuaranteeDocumentLink	Equity Contribution Guarantee, Link	Link to the Equity Contribution Guarantee document.				
EquityContributionGuaranteeEffectiveDate	Equity Contribution Guarantee, Effective Date	Effective date of the Equity Contribution Guarantee.				
EquityContributionGuaranteeExceptionDescription	Equity Contribution Guarantee Exceptions, Description	Description of any exceptions to the Equity Contribution Guarantee or issues raised.				
EquityContributionGuaranteeExpirationDate	Equity Contribution Guarantee, Expiration Date	Expiration date of the Equity Contribution Guarantee.				
EquityMethodInvestmentOwnershipPercentage	Equity Method Investment, Ownership Percentage	The percentage of ownership of common stock or equity participation in the investee accounted for under the equity method of accounting.				
EstimatedArrayDegradationRate	Estimated Array Degradation Rate, Percent	Estimated percent capacity of the array lost in future periods, e.g., year, month, due to degradation. Should be used with the EstimationPeriodStartDateAxis, in conjunction with the concept EstimationPeriodForCurtailment.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
EstimatedDegradationMeasuresAbstract	Estimated Degradation [Abstract]	Information about estimated future degradation rates for the system and the array.				
EstimatedMeasuresAbstract	Estimated Measures [Abstract]	Used to group information about measures that are estimated into the future.				
EstimatedMeasuresLineItems	Estimated Measures [Line Items]	Used to group information about measures that are estimated into the future.				
EstimatedMeasuresTable	Estimated Measures [Table]	Represents information about measures that are estimated into the future related to the system. Estimates should be used with EstimationPeriodStartDateAxis, and an EstimationPeriod for the concept being reported.				
EstimatedSystemDegradationRate	Estimated System Degradation Rate, Percent	Estimated degradation rate of the system, in percent of kWh lost. To report estimated values for specified future periods, use the EstimationPeriodStartDateAxis, in conjunction with the concept EstimationPeriodForCurtailment.				
EstimationPeriodForCurtailment	Estimation Period For Curtailment	Period in which the curtailment amount or percent is estimated, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days, or 'P1Y' represents a reported fact for one year, or 'P1M' represents a reported fact for one month. Should be used with the EstimationPeriodStartDateAxis which represents the starting date for the period.				
EstimationPeriodForDegradationMeasure	Estimation Period For Degradation Measure	Period in which the degradation amount or percent is estimated, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days, or 'P1Y' represents a reported fact for one year, or 'P1M' represents a reported fact for one month. Should be used with the EstimationPeriodStartDateAxis which represents the starting date for the period.				

EstimationPeriodStartDateAxis	Estimation Period Start Date [Axis]	Used to represent a start date for a future time period, in CCYY-MM-DD format. This axis is used to report values that are estimated into the future.				
EstimationPeriodStartDateDomain	Estimation Period Start Date [Domain]	Used to represent a start date for a future time period, in CCYY-MM-DD format. This axis is used to report values that are estimated into the future.				
EstoppelCertificatePowerPurchaseAgreementAbstract	Estoppel Certificate Power Purchase Agreement [Abstract]	Information about the Estoppel Certificate Agreement associated with the Power Purchase Agreement (PPA). The Estoppel certificate provides confirmation terms of the PPA.				
EstoppelCertificatePowerPurchaseAgreementAvailabilityOfDocument	Availability Of Estoppel Certificate Power Purchase Agreement,, Flag	Indicates if the Estoppel Certificate Power Purchase Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
EstoppelCertificatePowerPurchaseAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Estoppel Certificate Power Purchase Agreement, Flag	Indicates if there are exceptions to the Estoppel Certificate Power Purchase Agreement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
EstoppelCertificatePowerPurchaseAgreementAvailabilityOfFinalDocument	Availability Of Final Estoppel Certificate Power Purchase Agreement, Flag	Indicates if the Estoppel Certificate Power Purchase Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
EstoppelCertificatePowerPurchaseAgreementCounterparties	Counterparties To The Estoppel Certificate Power Purchase Agreement, Names	Names of counterparties to the Estoppel Certificate Power Purchase Agreement.				
EstoppelCertificatePowerPurchaseAgreementDocumentLink	Estoppel Certificate Power Purchase Agreement, Link	Link to the Estoppel Certificate Power Purchase Agreement document.				
EstoppelCertificatePowerPurchaseAgreementEffectiveDate	Estoppel Certificate Power Purchase Agreement, Effective Date	Effective date of the Estoppel Certificate Power Purchase Agreement.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
EstoppelCertificatePowerPurchaseAgreementExceptionDescription	Estoppel Certificate Power Purchase Agreement Exceptions, Description	Description of any exceptions to the Estoppel Certificate Power Purchase Agreement or issues raised.				
EstoppelCertificatePowerPurchaseAgreementExpirationDate	Estoppel Certificate Power Purchase Agreement, Expiration Date	Expiration date of the Estoppel Certificate Power Purchase Agreement.				
EvaluationAbstract	Evaluation [Abstract]	Information used during the evaluation phase of a solar installation.				
ExceptionToFunctionalTestMember	Exception To Functional Test [Member]	Exception is made to the passing of the Functional (Availability) Test.				
ExceptionToPerformanceTestMember	Exception To Performance Test [Member]	Exception is made to the passing of the Performance Test.				
ExpectedEnergyAbstract	Expected Energy [Abstract]	Information about expected energy related to the system.				
ExpectedEnergyAtArrayDC	Expected DC Energy At Array, Amount	Expected energy in DC kWh produced at the array. This element should be used with the PeriodAxis to indicate the period of measurement.				

ExpectedEnergyAtP50	Expected PV Production At P50, Energy	Expected system production at P50 which is the expected energy production reached with a probability of 50%. This element is used with the PeriodAxis to indicate the period of production. Usually this will be a year.				
ExpectedEnergyAtP75	Expected PV Production At P75, Energy	Expected system production at P75 which is the expected energy production reached with a probability of 75%. This element is used with the PeriodAxis to indicate the period of production. Usually this will be a year.				
ExpectedEnergyAtP90	Expected PV Production At P90, Energy	Expected system production at P90 which is the expected energy production reached with a probability of 90%. This element is used with the PeriodAxis to indicate the period of production. Usually this will be a year.				
ExpectedEnergyAtP95	Expected PV Production At P95, Energy	Expected system production at P95 which is the expected energy production reached with a probability of 95%. This element is used with the PeriodAxis to indicate the period of production. Usually this will be a year.				
ExpectedEnergyAtP99	Expected PV Production At P99, Energy	Expected system production at P99 which is the expected energy production reached with a probability of 99%. This element is used with the PeriodAxis to indicate the period of production. Usually this will be a year.				
ExpectedInsolationAtP50	Expected P50 Insolation	Expected average P50 insolation generated in kWh per square meter. The value can be reported for the period defined on the PeriodAxis, for example to record the average insolation for Q1, this element would be used with the PeriodFirstQuarterMember on the Period Axis.				
ExpectedInsolationAtP50InceptionToDate	Expected P50 Insolation, Inception To Date	Expected average P50 insolation generated in kWh per square meters from inception to date.				
ExposureReportAbstract	Exposure Report [Abstract]	Information about the exposure report.				
ExposureReportAvailabilityOfExceptions	Availability Of Exceptions To The Exposure Report, Flag	Indicates if there are exceptions to the Exposure Report. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
ExposureReportAvailabilityOfFinalReport	Availability Of Final Exposure Report, Flag	Indicates if the Exposure Report is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
ExposureReportAvailabilityOfReport	Availability Of Exposure Report, Flag	Indicates if the Exposure Report is available. If it is available, TRUE; if it is not available, FALSE.				
ExposureReportDocumentLink	Exposure Report, Link	Link to the Exposure Report document.				
ExposureReportEffectiveDate	Exposure Report, Effective Date	Effective date of the Exposure Report.				
ExposureReportExceptionDescription	Exposure Report Exceptions, Description	Description of any exceptions to the Exposure Report.				
ExposureReportExpirationDate	Exposure Report, Expiration Date	Expiration date of the Exposure Report.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
-----------------------	-----------------------------	------------	--------	--------------------	---------------------------------	---------------------------------

FinanceOverviewAbstract	Finance Overview [Abstract]	Information that provides a general overview of financing.				
FinanceOverviewBeneficiaryOfGuarantee	Parent Guarantee, Beneficiary	Name of the beneficiary of the Parent Guaranty, which is provided by the parent of the developer to the project company in the event project revenue goals are not met.				
FinanceOverviewIncentivesDescription	Incentives, Description	Description of the incentives for the project.				
FinanceOverviewInterconnectionAgreementDescription	Interconnection Agreement, Description	Description of the Interconnection Agreement.				
FinanceOverviewOperationsAndMaintenanceContractDescription	Operations and Maintenance Contract, Description	Description of the Operations and Maintenance contract.				
FinanceOverviewTypeOfProject	Type Of Project, Description	Description of the type of project.				
FinancialCommunicationsExpense	Communications Expense, Amount	Communications expense which is typically the monthly telephone bill.				
FinancialContractForSystemAbstract	Financial Contract For System [Abstract]	Information about financial contracts between a homeowner and a residential solar company, or between a commercial building owner and a C&I solar company, related to the system.				
FinancialContractForSystemEscalatorPercent	Financial Contract For System, Escalator Percent	Escalator which is the percentage increase in rate per year in the financial contract between a homeowner and a residential solar company, or between a commercial building owner and a C&I solar company.				
FinancialContractForSystemLengthInMonths	Financial Contract For System, Length In Months	Length of the financial contract in months between a homeowner and a residential solar company, or between a commercial building owner and a C&I solar company.				
FinancialContractForSystemOfftakerName	Financial Contract For System Offtaker, Name	Name of the oftaker for the financial contract, used with C&I customers.				
FinancialContractForSystemPaceEligibility	Financial Contract For System Pace Eligibility, Flag	Indication as to whether the financial contract between a homeowner and a residential solar company, or between a commercial building owner and a C&I solar company, is eligible for the PACE program.				
FinancialContractForSystemRate	Financial Contract For System, Rate	Rate stated in the financial contract between a homeowner and a residential solar company, or between a commercial building owner and a C&I solar company, related to the system, in amount of kWh.				
FinancialContractForSystemType	Financial Contract For System, Type	Type of financial contract between a homeowner and a residential solar company, or between a commercial building owner and a C&I solar company, which can be Lease, PPA, Loan, Cash, Upfront, PSA or Unknown.				
FinancialContractForSystemUpFrontPurchase	Financial Contract For System, UpFront Purchase, Amount	Amount paid by the customer upfront in a contract between a homeowner and a residential solar company, or between a commercial building owner and a C&I solar company.				
FinancialElectricityCost	Electricity Cost, Amount Per Power	Grid electricity cost in currency per kWh.				

FinancialElectricityExpense	Electricity Expense, Amount	Cost of electricity from the utility.				
FinancialLeaseScheduleAbstract	Financial Lease Schedule [Abstract]	Information about a Financial Lease Schedule.				
FinancialLeaseScheduleAvailabilityOfDocument	Availability Of Financial Lease Schedule, Flag	Indicates if the Financial Lease Schedule is available. If it is available, TRUE; if it is not available, FALSE.				
FinancialLeaseScheduleAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Financial Lease Schedule, Flag	Indicates if there are exceptions to the Financial Lease Schedule or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
FinancialLeaseScheduleAvailabilityOfFinalDocument	Availability Of Final Financial Lease Schedule, Flag	Indicates if the Financial Lease Schedule is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
FinancialLeaseScheduleCounterparties	Counterparties To The Financial Lease Schedule, Names	Names of counterparties to the Financial Lease Schedule.				
FinancialLeaseScheduleDocumentLink	Financial Lease Schedule, Link	Link to the Financial Lease Schedule document.				
FinancialLeaseScheduleEffectiveDate	Financial Lease Schedule, Effective Date	Effective date of the Financial Lease Schedule.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
FinancialLeaseScheduleExceptionDescription	Financial Lease Schedule Exceptions, Description	Description of any exceptions to the Financial Lease Schedule or issues raised.				
FinancialLeaseScheduleExpirationDate	Financial Lease Schedule, Expiration Date	Expiration date of the Financial Lease Schedule.				
FinancialModelReviewOfCurtailmentStudyMember	Financial Model Review Of Curtailment Study [Member]	Financial model (pro forma) review of curtailment study, which may be performed by a third party.				
FinancialModelReviewOfExpensesMember	Financial Model Review Of Expenses [Member]	Financial model (pro forma) review of expenses.				
FinancialModelReviewOfOtherSourcesOfRevenueMember	Financial Model Review Of Other Sources Of Revenue [Member]	Financial model (pro forma) review of other sources of revenue such as performance based incentives, SRECs.				
FinancialModelReviewOfRevenueMember	Financial Model Review Of Revenue [Member]	Financial model (pro forma) review of revenue.				
FinancialPerformanceAbstract	Financial Performance [Abstract]	Information about the forecast and actual performance of the project.				
FinancialPerformanceActualIncentivesToExpected	Actual To Expected Revenue Based Incentives, Percent	Ratio of actual revenue based incentives divided by the expected revenue based incentives per month.				
FinancialPerformanceActualIncentivesToExpected	Operational Performance, Expected Daylight Hours, Number Of Hours	Expected number of daylight inverter hours when there is sufficient daylight to activate the inverters.				
FinancialPerformanceActualIncentivesToExpected	Inverter Downtime, Number Of Hours	Number of inverter hours downtime.				

FinancialPerformanceActualIncentivesToExpected	Measured Average Energy Production for Q2	Computed average energy production for the three month period of April, May, and June over all years of operation since Activation Date (in kWh).				
FinancialPerformanceActualIncentivesToExpected	Measured Average Energy Production for Q3	Computed average energy production for the three month period of July, August, and September over all years of operation since Activation Date (in kWh).				
FinancialPerformanceActualIncentivesToExpectedInceptionToDate	Actual To Expected Revenue Based Incentives, Inception To Date, Percent	Ratio of actual revenue based incentives divided by the expected revenue based incentives from inception to date.				
FinancialPerformanceActualOpExpToExpected	Actual Operating Expenses To Expected, Percent	Actual operating expenses divided by expected operating expenses per month.				
FinancialPerformanceActualOpExpToExpectedInceptionToDate	Actual Operating Expenses To Expected, Inception To Date, Percent	Actual operating expenses divided by expected operating expenses from inception to date.				
FinancialPerformanceActualPPARevenueToExpected	Actual Power Purchase Agreement Revenue Expected, Percent	Actual Power Purchase Agreement Revenue divided by expected Power Purchase Agreement revenue per month.				
FinancialPerformanceActualPPARevenueToExpectedInceptionToDate	Actual Power Purchase Agreement Revenue Expected Inception To Date Percent	Actual Power Purchase Agreement Revenue divided by expected Power Purchase Agreement revenue inception to date.				
FinancialPerformanceActualRECRenueToExpected	Actual Renewable Energy Credit Revenue To Expected REC Revenue, Percent	Actual renewable energy credit revenue divided by expected renewable energy credit revenue.				
FinancialPerformanceActualRECRenueToExpectedInceptionToDate	Actual Renewable Energy Credit Revenue To Expected REC Revenue, Inception To Date, Percent	Actual renewable energy credit revenue divided by expected renewable energy credit from inception to date.				
FinancialPerformanceCollateralAccountBalance	Collateral Account Balance, Amount	Actual or forecast collateral account balance. Values reported as forecast should use the StatementScenarioAxis.				
FinancialPerformanceCommunicationsExpense	Communications Expense, Amount	Communications expense which is typically the monthly telephone bill.				
FinancialPerformanceDataMonitoringHostingExpense	Data Monitoring And Hosting Expense, Amount	Cost of data monitoring and hosting				
FinancialPerformanceEarningsBeforeIncomeTaxDepreciationAndAmortization	Earnings Before Income Tax, Depreciation And Amortization	Earnings before income tax, depreciation or amortization, actual and forecast. (EBITDA). Values reported as forecast should use the StatementScenarioAxis.				
FinancialPerformanceEquipmentCalibrationExpense	Equipment Calibration Expense, Amount	Cost of calibrating equipment which usually only applies to the pyranometer.				
FinancialPerformanceEstimatesAbstract	Financial Performance Estimates [Abstract]	Information about financial performance estimates made at start of project.				
FinancialPerformanceEstimatesCollateralAccountBalanceEstimate	Collateral Account Balance, Estimate	Collateral account balance, estimate made at start of project.				
FinancialPerformanceEstimatesEarningsBeforeIncomeTaxDepreciationAndAmortizationEstimate	Earnings Before Income Tax, Depreciation And Amortization, Estimate	Earnings before income tax, depreciation and amortization, estimate made at start of project.				
FinancialPerformanceEstimatesFutureSurplusCashToDeveloperEstimate	Future Surplus Cash to Developer, Estimate	Future surplus cash to developer, estimate made at start of project.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
-----------------------	-----------------------------	------------	--------	--------------------	---------------------------------	---------------------------------

FinancialPerformanceEstimatesLeaseRentPaymentsNetOfCollateralAccountEstimate	Lease Rent Payments (Net of Collateral Account), Estimate	Lease rent payments, net of collateral account, estimate made at start of project.				
FinancialPerformanceEstimatesRevenuesEstimate	Revenues, Estimate	Revenues, estimate made at start of project.				
FinancialPerformanceExpectedAuditingExpense	Expected Auditing Expense, Amount	Expected auditing expense.				
FinancialPerformanceFutureSurplusCashToDeveloper	Future Surplus Cash to Developer	Future surplus cash to developer, actual or forecast. Values reported as forecast should use the StatementScenarioAxis.				
FinancialPerformanceLeaseRentPaymentsNetOfCollateralAccount	Lease Rent Payments (Net of Collateral Account)	Lease rent payments, net of collateral amount, actual or forecast. Values reported as forecast should use the StatementScenarioAxis.				
FinancialPerformanceRatiosAbstract	Financial Performance Ratios [Abstract]	Information about financial performance ratios.				
FinancialPerformanceReserveBalance	Reserve Balance Actual, Amount	Reserve balance, actual.				
FinancialPerformanceStateTaxCredits	State Tax Credits	State tax credits, actual or forecast. Values reported as forecast should use the StatementScenarioAxis.				
FinancialPerformanceSurplusCashAppliedToCollateralAccount	Surplus Cash Applied to Collateral Account	Surplus cash applied to collateral account, actual or forecast. Values reported as forecast should use the StatementScenarioAxis.				
FinancialSummaryBySystemAbstract	Financial Summary By System [Abstract]	Financial summary information about a system related to revenues and expenses.				
FinancialSummaryBySystemLineItems	Financial Summary By System [Line Items]	Used to group financial summary information about the system.				
FinancialSummaryBySystemTable	Financial Summary By System [Table]	Table of financial summary information about the system.				
FinancialTransactionForFundAbstract	Financial Transaction For Fund [Abstract]	Information about any historical instance of money changing hands related to a given fund but not to a specific system in the fund.				
FinancialTransactionForFundAmount	Financial Transaction For Fund, Amount	Amount of the financial transaction related to the fund.				
FinancialTransactionForFundAxis	Financial Transaction For Fund [Axis]	Used as the identifier for the financial transaction related to the fund.				
FinancialTransactionForFundCounterpartyName	Financial Transaction For Fund, Counterparty Name	Name of the counterparty to the transaction related to the fund.				
FinancialTransactionForFundDateOfTransaction	Financial Transaction For Fund, Date	Date of the financial transaction related to the fund.				
FinancialTransactionForFundDomain	Financial Transaction For Fund [Domain]	Used as the identifier for the financial transaction related to the fund.				
FinancialTransactionForFundInvoiceLineItem	Financial Transaction For Fund, Invoice Line Item, Description	Text of line item on the invoice for the financial transaction related to the Fund.				
FinancialTransactionForFundLineItems	Financial Transaction For Fund [Line Items]	Used to group information about financial transactions related to a fund but not to a specific system within the fund.				

FinancialTransactionForFundTable	Financial Transaction For Fund [Table]	Represents information about historical instances of financial transactions related to a fund but not to a specific system within the fund.				
FinancialTransactionForSystemAbstract	Financial Transaction For System [Abstract]	Information about any historical instance of money changing hands related to the given system.				
FinancialTransactionForSystemAmount	Financial Transaction For System, Amount	Amount of the financial transaction related to the system.				
FinancialTransactionForSystemAxis	Financial Transaction For System [Axis]	Used as the identifier for the financial transaction related to the system.				
FinancialTransactionForSystemCounterpartyName	Financial Transaction For System, Counterparty Name	Name of the counterparty to the transaction related to the system.				
FinancialTransactionForSystemDateOfTransactionForSystem	Financial Transaction For System, Date	Date of the financial transaction related to the system.				
FinancialTransactionForSystemDomain	Financial Transaction For System [Domain]	Used as the identifier for the financial transaction related to the system.				
FinancialTransactionForSystemInvoiceLineItem	Financial Transaction For System, Invoice Line Item, Description	Text of line item on the invoice for the financial transaction related to the system.				
FinancialTransactionForSystemLineItems	Financial Transaction For System [Line Items]	Used to group information about financial transactions related to the system.				
FinancialTransactionForSystemSubType	Financial Transaction For System, SubType, Description	Description of a custom transaction that is unique to a fund or billing entity.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
FinancialTransactionForSystemTable	Financial Transaction For System [Table]	Represents information about historical instances of financial transactions related to the system.				
FinancialTransactionType	Financial Transaction For System, Type, Description	Type of financial transaction which can be Credit Applied, Customer Payment, Customer Bill, Credit, Expected Prepayment, Expected Rebate, Fund Rebate, Operating Expenses, Lease Management Fee, PPA Operations and Maintenance, Lease Operations and Maintenance, PPA Miscellaneous Expenses, PPA Management Fee, Lease Miscellaneous Expenses, Lease Insurance, PPA Insurance, PPA Transaction Manager Fee, Lease Transaction Manager Fee, Customer Prepayment, ACH Settlement Credit, Principal Cash Paid to Beneficiary, Contribution to Principal Cash, Book Transfer Debit, Teller Deposit Credit, Book Transfer Credit, or Remote Deposit Credit.				
FinancingEventAbstract	Financing Event [Abstract]	Information about the Financing Event.				
FinancingEventApprovalConditionAbstract	Financing Event Approval Condition [Abstract]	Information about approval condition for a financing event needed.				
FinancingEventApprovalMemoAbstract	Financing Event Approval Memo [Abstract]	Information about approval memo for a financing event needed.				

FinancingEventApprovalsAbstract	Financing Event Approvals [Abstract]	Information about approvals for a financing event needed.				
FinancingEventClosingDocumentsAbstract	Financing Event Closing Documents [Abstract]	Information about closing documents for a financing event needed.				
FinancingEventDate	Financing Event, Date	Date on which the financing event occurred.				
FinancingEventDescription	Financing Event, Description	Description of the individual financing event, for example, closing or initial funding.				
FinancingEventForProjectAbstract	Financing Event for Project [Abstract]	Information about Financing Events related to a project.				
FinancingEventFundOrProject	Financing Event Fund Or Project	Indication as to whether the financing event is related to the total fund or an individual portfolio.				
FinancingEventIdentifierDomain	Financing Event Identifier [Domain]	Identifier for a specific financing-related event, for example, an origination request, signing a nonbinding commitment, signing a binding committing, signing and closing, closing, or funding.				
FinancingEventIdentifier	Financing Event, Identifier	Identifier for the financing event, for example, an origination request, signing a non-binding commitment, signing a binding commitment, signing and closing, closing, or funding.				
FinancingEventIdentifierAxis	Financing Event Identifier [Axis]	Identifier for a specific financing-related event, for example, an origination request, signing a nonbinding commitment, signing a binding commitment, signing and closing, closing, or funding.				
FinancingEventLineItems	Financing Event [Line Items]	Use to group a listing of information about a Financing Event.				
FinancingEventSourceOfFundsAbstract	Financing Event Source Of Funds [Abstract]	Information about the source of funds for a financing event needed.				
FinancingEventStatus	Financing Event, Status	Description of the status of the financing event, for example, In Process or Finalized.				
FinancingEventTable	Financing Event [Table]	Represents information related to a Financing Event such as an origination request, funding, or closing. Events can be related to a fund or a project and can include type of event, the date and description.				
FinancingEventType	Financing Event, Type	Description of the type of financing event, for example, an origination request, signing a nonbinding commitment, signing a binding commitment, signing and closing, closing, or funding.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
FinancingEventUseOfFundsAbstract	Financing Event Use Of Funds [Abstract]	Information about the use of funds for a financing event.				
FirmwareVersion	Device Listing, Firmware Version, Description	Description of the firmware version of the device.				

FundAbstract	Fund [Abstract]	Information about the fund.				
FundAttributeSubsetIdentifier	Fund Attribute Subset Identifier	Identifier used to link a subset of attributes within a fund, for example grouping the characteristics of a portion of a fund owned by a particular entity.				
FundBankInvestment	Fund Bank Investment, Description	Description of the type of investment the bank has made in the fund, for example did they invest on the initial round or were they assigned a portion by another investor.				
FundBankRole	Fund Bank Role, Description	Description of the banks role in the fund. For example, the bank could be Co-Investor, Lead Investor, Single Investor, or have some other role.				
FundClosingDate	Fund Closing, Date	Date on which the fund closed.				
FundCompositionAndFinancingStructureAbstract	Fund Composition And Financing Structure [Abstract]	Information about the financing structure and composition of the fund. For example, if it has wind assets, or if it has construction financing.				
FundConstructionFinancing	Fund Construction Financing, Flag	Indicates that the fund has construction financing. If the fund does have construction financing, TRUE. If it does not, FALSE.				
FundDebtFinancing	Fund Debt Financing, Flag	Indicates that the fund has financing debt. If the fund does have financing debt, TRUE. If it does not, FALSE.				
FundDescriptionAbstract	Fund Description [Abstract]	Information about the fund.				
FundDescriptionAnalyst	Analyst, Name	Name of analyst covering the fund.				
FundDescriptionAvailabilityOfExpenseSinkingFund	Availability of Expense Sinking Fund	Availability of Expense Sinking Fund which is a reserve account to pay for expenses. If available, TRUE; if not available, FALSE.				
FundDescriptionAveragePowerPurchaseAgreementTerm	Average Power Purchase Agreement Term	Average term in years of Power Purchase Agreement within a fund. The value should be entered using the ISO8601 format of PnYnMnDnTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
FundDescriptionCurrentSimplePaybackEndDate	Current Simple Payback, End Date	End date of simple payback period.				
FundDescriptionCurrentSimplePaybackStartDate	Current Simple Payback, Start Date	Start date of simple payback period.				
FundDescriptionEarliestCommercialOperationsDate	Earliest Commercial Operations Date	Earliest commercial operation date.				
FundDescriptionFundComment	Fund Comment, Description	Comment about a fund.				
FundDescriptionFundCrossCollateralized	Fund Cross Collateralized, Flag	Indication that fund is cross collateralized. If cross collateralized, TRUE; if not cross collateralized, FALSE.				
FundDescriptionFundInitialFundingDate	Initial Funding Date	Date of initial funding.				

FundDescriptionFundNameplateCapacityInverterskWdc	Fund Nameplate Capacity Inverters, Power	Nameplate capacity in kWdc of inverters for all projects in the fund.				
FundDescriptionFundNameplateCapacityPVArraykWdc	Fund Nameplate Capacity PV Arrays, Power	Nameplate capacity of PV arrays for all projects in the fund in kWdc				
FundDescriptionFundType	Fund Type, Description	Description of type of fund.				
FundDescriptionInvestorHoldingCompanyName	Fund Investor Holding Company, Name	Name of fund investor holding company.				
FundDescriptionLegalCounsel	Fund Legal Counsel, Name	Name of fund legal counsel.				
FundDescriptionNameOfTaxEquityProvider	Tax Equity Provider, Name	Name of tax equity provider.				
FundDescriptionNumberOfOffTakersInFund	Number Of Offtakers In Fund	Number of off takers of power, Renewable Energy Credits or other revenue sources in a fund.				
FundDescriptionNumberOfSystemsInFund	Number Of Systems In Fund	Number of systems in a fund.				
FundDescriptionNumberOneStrength	Number One Fund Strength, Description	Description of most important strength of the fund.				
FundDescriptionNumberOneWeakness	Number One Fund Weakness, Description	Description of most important weakness of the fund.				
FundDescriptionPricingAdvisor	Pricing Advisor, Name	Name of pricing advisor which is the individual who runs the pricing model and could be the banker.				
FundDescriptionProFormaGrossIncomeBalance	Pro Forma Gross Income Balance, Amount	Amount of the Pro Forma gross income balance.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
FundDescriptionProFormaNetIncomeBalance	Pro Forma Net Income Balance, Amount	Amount of the proforma net income balance.				
FundDescriptionPropertyInsuranceHurricaneWindRequirement	Property Insurance Hurricane And Wind Requirement, Description	Description of property insurance to cover hurricane/wind requirement.				
FundDescriptionPropertyInsurancePollutionRequirement	Property Insurance Pollution Requirement, Description	Description of property insurance to cover pollution requirement.				
FundDescriptionSector	Sector Of Fund, Description	Name of the fund sector, for example, commercial, retail, or municipal.				
FundDescriptionShortestPowerPurchaseAgreementTerm	Shortest Power Purchase Agreement Term	Term of the shortest Power Purchase Agreement within the fund. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6month and 10-day term would be represented as P4Y6M10D.				
FundDescriptionSponsorCompanyName	Fund Sponsor Company, Name	Name of sponsor who brings the project to the bank. It is usually the project developer.				

FundDescriptionSponsorName	Sponsor Name	Name of the sponsor who brings the project to the bank.				
FundDescriptionTaxEquityProviderContribution	Tax Equity Provider Contribution, Amount	Amount of contribution of tax equity provider.				
FundDescriptionTrustCompany	Trust Company (Trustee)	Name of the trustee.				
FundDetailsLineItems	Fund Details [Line Items]	Used to group a listing of information about a fund.				
FundFinancingType	Fund Financing Type, Description	Description of the type of financing structure, for example, Partnership, Sale/Leaseback, Other.				
FundIdentifier	Fund Identifier	A line item used to identify the fund. This must use the identifier defined on the FundIdentifierAxis.				
FundIdentifierAxis	Fund Identifier [Axis]	Used as the identifier for the funds.				
FundIdentifierDomain	Fund Identifier	Used as the identifier for the funds.				
FundingMemoAbstract	Funding Memo [Abstract]	Information about the Funding Memo for the project.				
FundingMemoAvailabilityOfDocument	Availability Of Funding Memo, Flag	Indicates if the Funding Memo is available. If it is available, TRUE; if it is not available, FALSE.				
FundingMemoAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Funding Memo, Flag	Indicates if there are exceptions to the Funding Memo or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
FundingMemoAvailabilityOfFinalDocument	Availability Of Final Funding Memo, Flag	Indicates if the Funding Memo is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
FundingMemoCounterparties	Counterparties To The Funding Memo, Names	Names of counterparties to the Funding Memo.				
FundingMemoDocumentLink	Funding Memo, Link	Link to the Funding Memo document.				
FundingMemoEffectiveDate	Funding Memo, Effective Date	Effective date of the Funding Memo.				
FundingMemoExceptionDescription	Funding Memo Exceptions, Description	Description of any exceptions to the Funding Memo or issues raised.				
FundingMemoExpirationDate	Funding Memo, Expiration Date	Expiration date of the Funding Memo.				
FundingProposalRequestAbstract	Funding Proposal Request [Abstract]	Information about the Funding Proposal Request.				
FundingProposalRequestAvailabilityOfDocument	Availability of Funding Proposal Request, Flag	Indicates if the funding proposal request is available. If it is available, TRUE; if it is not available, FALSE.				
FundingProposalRequestAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Funding Proposal Request, Flag	Indicates if there are exceptions to the funding proposal request. If there are exceptions, TRUE; if there are no exceptions, FALSE.				

FundingProposalRequestAvailabilityOfFinalDocument	Availability Of Final Funding Proposal Request, Flag	Indicates if the funding proposal request is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
FundingProposalRequestCounterparties	Counterparties To The Funding Proposal Request, Names	Names of counterparties to the funding proposal request.				
FundingProposalRequestDocumentLink	Funding Proposal Request, Link	Link to the funding proposal Request document.				
FundingProposalRequestEffectiveDate	Funding Proposal Request, Effective Date	Effective date of the funding proposal request.				
FundingProposalRequestExceptionDescription	Funding Proposal Request Exceptions, Description	Description of any exceptions to the funding proposal request.				
FundingProposalRequestExpirationDate	Funding Proposal Request, Expiration Date	Expiration date of the funding proposal request.				
FundInsuranceAbstract	Fund Insurance [Abstract]	Information about insurance related to the fund.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
FundInvestmentFocus	Fund Investment Focus, Description	Description of fund investment focus (for example, renewable only, contracted cash flows only), competitive advantage, and project drop-down expectations which describes the plans for the long term equity of the project.				
FundName	Fund, Name	Internal name for the fund.				
FundReserveMember	Fund Reserve [Member]	Reserve for a fund.				
FundsDescriptionCapitalContribution	Capital Contribution, Amount	Purchase price of project.				
FundsDescriptionCostOfFunds	Cost of Funds, Amount	Cost of interest expense incurred.				
FundsFlowAbstract	Funds Flow [Abstract]	Information about the funds flow.				
FundsFlowAccountName	Funds Flow, Account Name	Account Name for funds flow wire instructions for parties involved in the transaction.				
FundsFlowAccountNumber	Funds Flow, Account Number	Account Number for funds flow wire instructions.				
FundsFlowAmericanBankersAssociationNumber	Funds Flow, American Bankers Association Routing Number	American Bankers Association routing number for funds flow wire instructions.				
FundsFlowDistributionAmount	Funds Flow, Distribution Amount	Amount of money being distributed, multiple amounts going to different recipients.				
FundsFlowRecipient	Funds Flow Recipient, Name	Name of the individual receiving the funds.				

FundsFlowReference	Funds Flow, Reference Note, Description	Note describing how the distributed funds will be used.				
FundSolarAssets	Fund Solar Assets, Flag	Indicates that the fund has solar projects in it. If the fund does have solar projects, TRUE. If it does not, FALSE.				
FundStatus	Fund Status, Description	Description of the status of the fund, for example, it is closed, open, committed.				
FundStorageAssets	Fund Storage Projects, Flag	Indicates that the fund has storage projects in it. If the fund does have storage projects, TRUE. If it does not, FALSE.				
FundTable	Fund [Table]	Represents information about a fund including name, identifier, status (committed, open, closed), sponsor identification, size in megawatts and monetary value, as well characteristics of the fund such as whether the fund has wind, solar or storage projects, construction financing or back leverage.				
FundTaxEquityDetailsAbstract	Fund Tax Equity Details [Abstract]	Information about the tax equity partner and shares of the fund.				
FundWindAssets	Fund Wind Assets, Flag	Indicates that the fund has wind projects in it. If the fund does have wind projects, TRUE. If it does not, FALSE.				
GeneralAndAdministrativeExpense	General and Administrative Expense	The aggregate total of expenses of managing and administering the affairs of an entity, including affiliates of the reporting entity, which are not directly or indirectly associated with the manufacture, sale or creation of a product or product line.				
GeneralInsuranceExpense	General Insurance Expense, Amount	The expense in the period incurred with respect to protection provided by insurance entities against risks other than risks associated with production (which are allocated to cost of sales).				
GenTieLineLength	Gen Tie Line, Length	Length of Gen Tie Line (interconnecting power line).				
GeoLocationAtEntrance	GeoLocation at Entrance to System	Latitude and longitude at system entrance in degrees. Note that values reported for this concept are different than values reported for Latitude and Longitude at the revenue meter.				
GroundMember	Ground [Member]	Represents a ground mounted installation.				
GuaranteeAbstract	Guarantees [Abstract]	Information about guarantees which are not otherwise defined within the taxonomy related to a specific contract.				
GuaranteeAmountCap	Guarantee Cap, Amount	Maximum amount of money that can be refunded to the guarantee.				
GuaranteeAndPledgeAgreementAbstract	Guarantee And Pledge Agreement [Abstract]	Information about the Guarantee and Pledge Agreement for the project.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
GuaranteeAndPledgeAgreementAvailabilityOfDocument	Availability Of Guarantee And Pledge Agreement, Flag	Indicates if the Guarantee and Pledge Agreement is available. If it is available, TRUE; if it is not available, FALSE.				

GuaranteeAndPledgeAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Guarantee And Pledge Agreement, Flag	Indicates if there are exceptions to the Guarantee and Pledge Agreement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
GuaranteeAndPledgeAgreementAvailabilityOfFinalDocument	Availability Of Final Guarantee And Pledge Agreement, Flag	Indicates if the Guarantee and Pledge Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
GuaranteeAndPledgeAgreementCounterparties	Counterparties To The Guarantee And Pledge Agreement, Names	Names of counterparties to the Guarantee and Pledge Agreement.				
GuaranteeAndPledgeAgreementEffectiveDate	Guarantee And Pledge Agreement, Effective Date	Effective date of the Guarantee and Pledge Agreement.				
GuaranteeAndPledgeAgreementExceptionDescription	Guarantee And Pledge Agreement Exceptions, Description	Description of any exceptions to the Guarantee and Pledge Agreement or issues raised.				
GuaranteeAndPledgeAgreementExpirationDate	Guarantee And Pledge Agreement, Expiration Date	Expiration date of the Guarantee and Pledge Agreement.				
GuaranteeAndPledgeAgreementLink	Guarantee And Pledge Agreement, Link	Link to the Guarantee And Pledge Agreement document.				
GuaranteeAndPledgeDocumentLink	Guarantee And Pledge, Link	Link to the Guarantee And Pledge document.				
GuaranteeBeneficiary	Guarantee Beneficiary	Beneficiary of the guarantee.				
GuaranteeCommencementDate	Guarantee Commencement Date	Start date of the guarantee.				
GuaranteeDocumentLink	Guarantee, Link	Link to the guarantee document.				
GuaranteeExpirationDate	Guarantee Expiration Date	Expiration date of the guarantee.				
GuaranteeGuarantor	Guarantor Name	Name of the guarantor.				
GuaranteeMeasurementUnits	Guarantee Measurement, Units	Description of units used to measure the guarantee. For example, performance guarantees require certain level of energy output (kWh).				
GuaranteeName	Guarantee Name	Name of the guarantee.				
GuaranteeObligation	Guaranteed Obligation, Description	Guaranteed obligation amount.				
GuaranteePaymentMaximum	Guarantee Payment Maximum, Amount	Maximum payment that can be made during a reconciliation period.				
GuaranteePaymentScalingFactor	Guarantee Payment, Scaling Factor, Percent	Percent that the guarantee is willing to pay of the loss incurred, for example, may specify that 50% of the lost revenue will be paid.				
GuaranteeReconciliationPeriod	Guarantee Reconciliation Period	Period within which the guarantee must be met, for example, year or month.				

GuaranteeTerm	Guarantee Term	Term of the guarantee. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
HedgeAgreementAbstract	Hedge Agreement [Abstract]	Information about a Hedge Agreement.				
HedgeAgreementAvailabilityOfDocument	Availability Of Hedge Agreement, Flag	Indicates if the Hedge Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
HedgeAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Hedge Agreement, Flag	Indicates if there are exceptions to the Hedge Agreement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
HedgeAgreementAvailabilityOfFinalDocument	Availability Of Final Hedge Agreement, Flag	Indicates if the Hedge Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
HedgeAgreementCounterparties	Counterparties To The Hedge Agreement, Names	Names of counterparties to the Hedge Agreement.				
HedgeAgreementDocumentLink	Hedge Agreement, Link	Link to the Hedge Agreement document.				
HedgeAgreementEffectiveDate	Hedge Agreement, Effective Date	Effective date of the Hedge Agreement.				
HedgeAgreementExceptionDescription	Hedge Agreement Exceptions, Description	Description of any exceptions to the Hedge Agreement or issues raised.				
HedgeAgreementExpirationDate	Hedge Agreement, Expiration Date	Expiration date of the Hedge Agreement.				
HostAcknowledgementAbstract	Host Acknowledgement [Abstract]	Information about the Host Acknowledgement for the project.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
HostAcknowledgementAvailabilityOfDocument	Availability Of Host Acknowledgement, Flag	Indicates if the Host Acknowledgement is available. If it is available, TRUE; if it is not available, FALSE.				
HostAcknowledgementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Host Acknowledgement, Flag	Indicates if there are exceptions to the Host Acknowledgement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
HostAcknowledgementAvailabilityOfFinalDocument	Availability Of Final Host Acknowledgement, Flag	Indicates if the Host Acknowledgement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
HostAcknowledgementCounterparties	Counterparties To The Host Acknowledgement, Names	Names of counterparties to the Host Acknowledgement.				
HostAcknowledgementDocumentLink	Host Acknowledgement, Link	Link to the Host Acknowledgement document.				
HostAcknowledgementEffectiveDate	Host Acknowledgement, Effective Date	Effective date of the Host Acknowledgement.				

HostAcknowledgementExceptionDescription	Host Acknowledgement Exceptions, Description	Description of any exceptions to the Host Acknowledgement or issues raised.				
HostAcknowledgementExpirationDate	Host Acknowledgement, Expiration Date	Expiration date of the Host Acknowledgement.				
HypotheticalLiquidationAtBookValueBalance	Hypothetical Liquidation at Book Value Balance, Amount	Amount the partners would receive if the partnership were liquidated at book value at the end of each measurement period.				
IECRECertificateAbstract	IECRE Certificate [Abstract]	Information about IECRE certificates.				
IECRECertificateDetailsAbstract	IECRE Certificate Details [Abstract]	Information about details of IECRE certificates.				
IECRECertificateForSystemAbstract	IECRE Certificate For System [Abstract]	Information about the IECRE Certificate for the system.				
IECRECertificateSystemDatesAbstract	IECRE System Dates [Abstract]	Information about system (plant) dates needed for the IECRE certificate.				
IECREChargeAbstract	IECRE Charge [Abstract]	Information about charges relevant to IECRE.				
IECREExpectedPerformanceDataAbstract	IECRE Expected Performance Data [Abstract]	Information about expected performance data used in developing an IECRE certificate.				
IECREFinancingDetailsAbstract	IECRE Financing Details [Abstract]	Information about financing of the system that may be needed for an IECRE certificate.				
IECREFinancingEventAbstract	IECRE Financing Event [Abstract]	Information about financing events that may be needed for an IECRE certificate.				
IECREFinancingEventLineItems	IECRE Financing Event [Line Items]	Used to represent information about financing events that may be needed for an IECRE certificate.				
IECREFinancingEventTable	IECRE Financing Event [Table]	Table containing data about financing events that may be needed for an IECRE certificate.				
IECREInsuranceAndSuretyAbstract	IECRE Insurance And Surety [Abstract]	Information about insurance and surety needed for IECRE certificates.				
IECREInsuranceAndSuretyLineItems	IECRE Insurance And Surety [Line Items]	Used to represent information about insurance and surety related to IECRE certificates.				
IECREInsuranceAndSuretyTable	IECRE Insurance And Surety [Table]	Table containing data about insurance and surety needed for IECRE certificates.				
IECRELetterOfCreditDetailsAbstract	IECRE Letter Of Credit Details [Abstract]	Information about letters of credit for the system that may be needed for an IECRE certificate.				
IECRELetterOfCreditDetailsLineItems	IECRE Letter Of Credit Details [Line Items]	Used to represent information about letters of credit for a system that may be needed for an IECRE certificate.				
IECRELetterOfCreditDetailsTable	IECRE Letter Of Credit Details [Table]	Table containing data about letters of credit for the system that may be needed for an IECRE certificate.				
IECREMeasuredPerformanceDataAbstract	IECRE Measured Performance Data [Abstract]	Information about expected measured data used in developing an IECRE certificate.				

IECREModelAndDesignAbstract	IECRE Model And Design [Abstract]	Information about model and design factors relevant to the IECRE certificate.				
IECREModelFactorAbstract	IECRE Model Factor [Abstract]	Information about model factors used when working with IECRE certificates.				
IECREModelFactorFlagsAbstract	IECRE Model Factor Flag [Abstract]	Information about whether the model design takes various factors into consideration, for example, soiling, curtailment, snow, non unity power factor, and parasitic loss.				
IECREPerformanceComparisonAbstract	IECRE Comparison Data [Abstract]	Information about financial and production performance data, comparison of predicted versus expected.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
IECREPerformanceComparisonLineItems	IECRE Performance Comparison [Line Items]	Used to collect information about actual and predicted performance data.				
IECREPerformanceComparisonTable	IECRE Performance Comparison [Table]	Table used to capture information about financial and production performance data, comparing predicted to actual.				
IECREPerformanceDataAbstract	IECRE Performance Data [Abstract]	Information about financial and production performance data.				
IECREPerformanceDataAbstract	IECRE Performance Data [Abstract]	Information about performance data for testing used in the preparation of the IECRE certificate.				
IECREPerformanceRatiosAbstract	IECRE Performance Ratios [Abstract]	Information about performance ratios used in developing an IECRE certificate.				
IECREPredictedPerformanceDataAbstract	IECRE Predicted Performance Data [Abstract]	Information about predicted performance data used in developing an IECRE certificate.				
IECREReportReviewAbstract	IECRE Report Review [Abstract]					
IECRESiteInformationAbstract	IECRE Site Information [Abstract]	Information about the site related to the IECRE certificate.				
IECRESystemAvailabilityAbstract	IECRE System Availability [Abstract]	Information about system availability used in developing an IECRE certificate.				
IECRESystemAvailabilityLineItems	IECRE System Availability [Line Items]	Used to group information about actual and expected availability of the system.				
IECRESystemAvailabilityTable	IECRE System Availability [Table]	Represents information about actual and expected availability of the system.				
IECRESystemInformationAbstract	IECRE System Information [Abstract]	Information about the system related to the IECRE certificate.				
IECRETestingDatesAbstract	IECRE Testing Dates [Abstract]	Information about testing dates related to the IECRE certificate				
IECREUnavailabilityAndPenaltyCostMeasuresAbstract	IECRE Unavailability And Penalty Cost Measures [Abstract]	Information about penalties and costs associated with low performance and unavailability of the system.				
IECREUncertaintyMeasuresAbstract	IECRE Uncertainty Measures [Abstract]	Information about uncertainty measures used in preparing an IECRE certificate.				

IncentiveAssignmentAbstract	Incentive Assignment [Abstract]	Information about the Incentive Assignment.				
IncentiveAssignmentAvailabilityOfDocument	Availability Of Incentive Assignment, Flag	Indicates if the Incentive Assignment is available. If it is available, TRUE; if it is not available, FALSE.				
IncentiveAssignmentAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Incentive Assignment, Flag	Indicates if there are exceptions to the Incentive Assignment or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
IncentiveAssignmentAvailabilityOfFinalDocument	Availability Of Final Incentive Assignment, Flag	Indicates if the Incentive Assignment is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
IncentiveAssignmentCounterparties	Counterparties To The Incentive Assignment, Names	Names of counterparties to the Incentive Assignment.				
IncentiveAssignmentDocumentLink	Incentive Assignment, Link	Link to the Incentive Assignment document.				
IncentiveAssignmentEffectiveDate	Incentive Assignment, Effective Date	Effective date of the Incentive Assignment.				
IncentiveAssignmentExceptionDescription	Incentive Assignment Exceptions, Description	Description of any exceptions to the Incentive Assignment or issues raised.				
IncentiveAssignmentExpirationDate	Incentive Assignment, Expiration Date	Expiration date of the Incentive Assignment.				
IncentivePerformanceAbstract	Incentive Performance [Abstract]	Information about the performance of incentives.				
IncentivesAbstract	Incentives [Abstract]	Information about incentives.				
IncentivesFederalTaxIncentiveIndemnityCap	Tax Indemnity Agreement, Federal Tax Incentive Indemnity Cap, Amount	Cap on indemnity that the investor receives from the project developer for potential investment tax credit recapture per the Tax Indemnity Agreement.				
IncentivesFederalTaxIncentiveIndemnityProvider	Tax Indemnity Agreement, Federal Tax Incentive Indemnity Provider, Name	Provider of indemnification, for example, the developer/sponsor, per the Tax Indemnity Agreement.				
IncentivesFederalTaxIncentiveType	Tax Indemnity Agreement, Federal Tax Incentive Indemnity Type, Description	Description of federal tax incentive indemnity type per the Tax Indemnity Agreement.				
IncentivesNameOfRecipient	Recipient Of Incentives, Name	Name of the individual or organization who can take advantage of the incentive.				
IncentivesPercentFederalInvestmentTaxCreditVestedPercent	Percent Of Federal Investment Tax Credit Vested, Percent	The percent of the federal Investment Tax Credit that has been vested.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
IncentivesPerformanceActualIncentivesInceptionToDate	Incentives Actual Inception To Date	Actual incentive cost from inception to date, cumulative per month, cumulative per year.				
IncentivesPerformanceBasedIncentiveAmendmentExecutionDate	Performance Based Incentive Amendment, Execution Date	Execution date of the performance based incentive amendment.				

IncentivesPerformanceBasedIncentiveAmendmentExpirationDate	Performance Based Incentive Term, Expiration Date	Expiration date of the performance based incentive term.				
IncentivesPerformanceBasedIncentiveAmendmentInitiationDate	Performance Based Incentive Term, Initiation Date	Initiation date of the performance based incentive term.				
IncentivesPerformanceBasedIncentiveEscalator	Performance Based Incentive Escalator, Percent	Annual escalation of the performance based incentive value (percent)				
IncentivesPerformanceBasedIncentiveFirmVolume	Performance Based Incentive Firm Volume, Energy	Guaranteed volume of energy in kWh to be delivered by the project company under the terms of the Performance Based Incentive Contract.				
IncentivesPerformanceBasedIncentiveInvoicingDate	Performance Based Incentive Invoicing, Date	Invoice date for the performance based incentive.				
IncentivesPerformanceBasedIncentivePaymentDeadline	Performance Based Incentive Payment Deadline, Date	Date of the payment deadline for the performance based incentive.				
IncentivesPerformanceBasedIncentivePaymentMethod	Performance Based Incentive Payment Method, Description	Description of the payment method for the performance based incentive.				
IncentivesPerformanceBasedIncentivePortionOfSite	Performance Based Incentive, Portion of Site, Percent	Portion of site used to measure performance based incentive as percent of total number of units in site.				
IncentivesPerformanceBasedIncentiveProgram	Performance Based Incentive Program, Description	Description of the performance based incentive program.				
IncentivesPerformanceBasedIncentiveRate	Performance Based Incentive Rate, Amount Per Power	Rate of the performance based incentive in amount per kWh.				
IncentivesPerformanceBasedIncentiveRateType	Performance Based Incentive Rate Type	Type of performance based incentive.				
IncentivesPerformanceBasedIncentiveTerm	Performance Based Incentive Term	Term of the performance based incentive. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
IncentivesPerformanceExpectedIncentivesInceptionToDate	Incentives Expected Inception To Date	Expected cumulative incentive cost from inception to date.				
IncentivesPerformanceExpectedIncentivesPerProductionInceptionToDate	Incentives Expected per Production Inception To Date	Expected incentive cost per kWh production from inception to date, cumulative per month, cumulative per year.				
IncentivesPerformanceIncentiveType	Incentive Type	Description of type of incentive.				
IncentivesPortionUnits	Performance Based Incentive, Portion of Units	Number of units used to measure power system capacity for performance based incentive.				
IncentivesRebateAmount	State Rebate, Amount	Amount of the rebate coming from the state.				
IncentivesRebatePaymentTiming	Rebate Payment Timing, Description	Description of rebate payment timing, for example monthly or quarterly payment.				
IncentivesRebateProgram	Rebate Program, Description	Description of the rebate program.				

IncentivesRebateType	Rebate Type, Description	Description of rebate type.				
IncentivesStateTaxCreditFirmVolume	State Tax Credit Firm Volume, Power	Guaranteed volume of energy to be delivered as part of the state tax credit agreement (in kWh).				
IncentivesStateTaxCreditPortionOfSite	State Tax Credit Portion of Site, Percent	State tax credit percentage of site based on units.				
IncentivesStateTaxCreditPortionUnits	State Tax Credit Portion Units	Number of units used to measure power system capacity for state tax credit.				
IncentivesStateTaxCreditProgram	State Tax Credit Program, Description	Description of the state tax credit program.				
IncentivesStateTaxCreditRecipient	State Tax Credit Recipient, Name	Name of the recipient of the state tax credit.				
IncentivesStateTaxCredits	State Tax Credits Amount per Power	State tax credit in currency per kWh.				
IncentivesStateTaxCreditsCurrent	State Tax Credits Current, Flag	Indication as to whether state tax credits are current. If they are current, TRUE; if they are not current, FALSE.				
IncentivesStateTaxCreditsEscalator	State Tax Credits Escalator, Percent	Percent of state tax credit escalator.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
IncentivesStateTaxCreditsTerm	State Tax Credits Term	Term of the state tax credit. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
IncentivesStateTaxCreditTermExpirationDate	State Tax Credits, Expiration Date	Expiration date of the state tax credit.				
IncentivesStateTaxCreditType	State Tax Credit Type, Description	Description of state tax credit.				
IncentivesStateTaxCreditVolumeCap	State Tax Credit Volume Cap, Power	Volume cap in kWh of state tax credit.				
IncentivesTaxEquityPartnerName	Tax Equity Partner, Name	Name of tax equity partner.				
IncentivesTaxEquityPartnerPartnerSharesPercentOfClassEquity	Tax Equity Partner, Partner Shares As Percent of Class Equity	Partner shares as percent of class equity, for example, class A and class B shares. The ratio can be expressed for all partners or for individual partners.				
IncentivesTaxEquityPartnerPartnerSharesPercentOfTotalEquity	Tax Equity Partner, Partner Shares As Percent Of Total Equity	Total partner shares (regardless of class) as a percent of total equity.				
IncentivesTaxEquityPartnerSharesPercentOfClassEquity	Tax Equity Partner Shares, Percent Of Class Equity	Number of shares of the tax equity partner as a percent of the total class equity.				
IncentivesTaxEquityPartnerSharesPercentOfTotalEquity	Tax Equity Partner Shares, Percent Of Total Equity	Number of shares of the tax equity partner as a percent of a specific class equity.				

IncentivesVolumeCap	Performance Based Incentive Volume Cap, Power	Volume cap on performance based incentive in kWh.				
IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest	#ERROR!	#ERROR!				
IncomeStatementAbstract	Income Statement [Abstract]	Information about the income statement for the operating company.				
IncomeTaxesReceivable	Income Taxes Receivable, Current	Carrying amount due within one year of the balance sheet date (or one operating cycle, if longer) from tax authorities as of the balance sheet date representing refunds of overpayments or recoveries based on agreed-upon resolutions of disputes.				
IncomeTaxExpenseBenefit	Income Tax Expense (Benefit)	Amount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations.				
IncomeTaxExpenseBenefitIntraperiodTaxAllocation	Income Tax Expense (Benefit), Intraperiod Tax Allocation	Amount of income tax expense (benefit) for continuing operations, discontinued operations, other comprehensive income, and items charged (credited) directly to shareholders' equity.				
IncumbencyCertificateAbstract	Incumbency Certificate [Abstract]	Information about the Incumbency Certificate, which names individuals at the bank who are allowed to execute docs on behalf of the project company.				
IncumbencyCertificateAvailabilityOfDocument	Availability Of Incumbency Certificate, Flag	Indicates if the Incumbency Certificate is available. If it is available, TRUE; if it is not available, FALSE.				
IncumbencyCertificateAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Incumbency Certificate, Flag	Indicates if there are exceptions to the Incumbency Certificate or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
IncumbencyCertificateAvailabilityOfFinalDocument	Availability Of Final Incumbency Certificate, Flag	Indicates if the Incumbency Certificate is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
IncumbencyCertificateCounterparties	Counterparties To The Incumbency Certificate, Names	Names of counterparties to the Incumbency Certificate.				
IncumbencyCertificateDocumentLink	Incumbency Certificate, Link	Link to the Incumbency Certificate document.				
IncumbencyCertificateEffectiveDate	Incumbency Certificate, Effective Date	Effective date of the Incumbency Certificate, which names individuals at the bank who are allowed to execute docs on behalf of the project company.				
IncumbencyCertificateExceptionDescription	Incumbency Certificate Exceptions, Description	Description of any exceptions to the Incumbency Certificate or issues raised.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
IncumbencyCertificateExpirationDate	Incumbency Certificate, Expiration Date	Expiration date of the Incumbency Certificate, which names individuals at the bank who are allowed to execute docs on behalf of the project company.				
IndependentEngineeringOpinionReportAbstract	Independent Engineering Opinion Report [Abstract]	Information about the independent engineering opinion report.				

IndependentEngineeringOpinionReportAvailabilityOfDocument	Availability Of Independent Engineering Opinion Report, Flag	Indicates if the independent engineering opinion report is available. If it is available, TRUE; if it is not available, FALSE.				
IndependentEngineeringOpinionReportAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Independent Engineering Opinion Report, Flag	Indicates if there are exceptions to the independent engineering opinion report. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
IndependentEngineeringOpinionReportAvailabilityOfFinalDocument	Availability Of Final Independent Engineering Opinion Report, Flag	Indicates if the independent engineering opinion report is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
IndependentEngineeringOpinionReportCounterpartiesToThe	Counterparties To The Independent Engineering Opinion Report, Names	Names of counterparties to the independent engineering opinion report.				
IndependentEngineeringOpinionReportDocumentLink	Independent Engineering Opinion Report, Link	Link to the Independent Engineering Opinion Report document.				
IndependentEngineeringOpinionReportEffectiveDate	Independent Engineering Opinion Report, Effective Date	Effective date of the independent engineering opinion report.				
IndependentEngineeringOpinionReportExceptionDescription	Independent Engineering Opinion Report Exceptions, Description	Description of any exceptions to the independent engineering opinion report.				
IndependentEngineeringProductionEstimateAbstract	Independent Engineering Production Estimate Report [Abstract]	Information about the Independent Engineering Production Estimate report.				
IndependentEngineeringProductionEstimateAuthorOfReport	Recipient of the Independent Engineering Production Estimate, Name	Author of the Independent Engineering Production Estimate report.				
IndependentEngineeringProductionEstimateAvailabilityOfDocument	Availability of Independent Engineering Production Estimate Report, Flag	Indicates if the Independent Engineering Production Estimate Report is available. If it is available, TRUE; if it is not available, FALSE.				
IndependentEngineeringProductionEstimateAvailabilityOfDocumentExceptions	Availability of Exceptions to the Independent Engineering Production Estimate Report, Flag	Indicates if there are exceptions to the Independent Engineering Production Estimate Report or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
IndependentEngineeringProductionEstimateAvailabilityOfFinalDocument	Availability of Final Independent Engineering Production Estimate Report, Flag	Indicates if the Independent Engineering Production Estimate Report is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
IndependentEngineeringProductionEstimateEffectiveDate	Independent Engineering Production Estimate Report, Effective Date	Effective date of the Independent Engineering Production Estimate Report.				
IndependentEngineeringProductionEstimateExceptionDescription	Independent Engineering Production Estimate Report Exceptions, Description	Description of any exceptions to the Independent Engineering Production Estimate Report or issues raised.				
IndependentEngineeringProductionEstimateReceiverOfReport	Author of the Independent Engineering Production Estimate, Name	Author of the Independent Engineering Production Estimate report.				
IndependentEngineeringReportAbstract	Independent Engineering Report [Abstract]	Information contained in the Independent Engineering Report.				
IndependentEngineeringReportAvailabilityOfDocument	Availability Of Independent Engineering Report, Flag	Indicates if the Independent Engineering Report is available. If it is available, TRUE; if it is not available, FALSE.				
IndependentEngineeringReportAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Independent Engineering Report, Flag	Indicates if there are exceptions to the Independent Engineering Report or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				

IndependentEngineeringReportAvailabilityOfFinalDocument	Availability Of Final Independent Engineering Report, Flag	Indicates if the Independent Engineering Report is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
IndependentEngineeringReportCounterparties	Counterparties To The Independent Engineering Report, Names	Names of counterparties to the Independent Engineering Report.				
IndependentEngineeringReportDescription	Independent Engineering Report, Description	Description of the Independent Engineering Report.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
IndependentEngineeringReportDocumentLink	Independent Engineering Report, Link	Link to the Independent Engineering Report document.				
IndependentEngineeringReportEffectiveDate	Independent Engineering Report, Effective Date	Effective date of the Independent Engineering Report.				
IndependentEngineeringReportExceptionDescription	Independent Engineering Report Exceptions, Description	Description of any exceptions to the Independent Engineering Report or issues raised.				
IndependentEngineeringReportExpirationDate	Independent Engineering Report, Expiration Date	Expiration date of the Independent Engineering Report.				
IndependentEngineeringServicesAdvisor	Independent Engineering Services Advisor, Name	Name of the advisor reviewing the independent engineering services report.				
IndependentEngineeringServicesAdvisorOpinion	Independent Engineering Services Advisor Opinion, Description	Opinion of the advisor reviewing the independent engineering services report.				
IndependentEngineeringServicesAdvisorOpinionDate	Independent Engineering Services Advisor Opinion, Date	Date when the advisor opinion was written.				
IndependentEngineeringServicesChecklistAbstract	Independent Engineering Services Checklist [Abstract]	Information about reports and documents used to evaluate independent engineering services.				
IndependentEngineeringServicesChecklistAxis	Independent Engineering Services Checklist [Axis]	Used to identify individual reports used to monitor the ongoing performance of the installation.				
IndependentEngineeringServicesChecklistContractsReviewMember	Independent Engineering Services Checklist Contracts Review [Member]	Items on the Independent Engineering Services Checklist regarding review of contracts.				
IndependentEngineeringServicesChecklistDesignReviewMember	Independent Engineering Services Checklist Design Review [Member]	Items on the Independent Engineering Services Checklist regarding design review.				
IndependentEngineeringServicesChecklistDomain	Independent Engineering Services Checklist [Domain]	Used to identify individual reports used to monitor the ongoing performance of the installation.				
IndependentEngineeringServicesChecklistEnergyProductionEstimateMember	Independent Engineering Services Checklist Energy Production Estimate [Member]	Items on the Independent Engineering Services Checklist regarding the energy production estimate.				
IndependentEngineeringServicesChecklistEquipmentReviewMember	Independent Engineering Services Checklist Equipment Review [Member]	Items on the Independent Engineering Services Checklist regarding equipment review.				
IndependentEngineeringServicesChecklistFinancialModelReviewMember	Independent Engineering Services Checklist Financial Model Review [Member]	Items on the Independent Engineering Services Checklist regarding review of the financial model.				

IndependentEngineeringServicesChecklistLineItems	Independent Engineering Services Checklist [Line Items]	Used to group information included in the Independent Engineering Services Checklist.				
IndependentEngineeringServicesChecklistMechanicalCompletionReviewMember	Independent Engineering Services Checklist Mechanical Completion Review [Member]	Items on the Independent Engineering Services Checklist regarding review of mechanical completion.				
IndependentEngineeringServicesChecklistModuleFactoryAuditsMember	Independent Engineering Services Checklist Module Factory Audits [Member]	Items on the Independent Engineering Services Checklist regarding Module Factory Audits.				
IndependentEngineeringServicesChecklistModuleReliabilityTestingReportsMember	Independent Engineering Services Checklist Module Reliability Testing Reports [Member]	Items on the Independent Engineering Services Checklist regarding Module Reliability Testing.				
IndependentEngineeringServicesChecklistOperationalBudgetReviewMember	Independent Engineering Services Checklist Operational Budget Review [Member]	Items on the Independent Engineering Services Checklist regarding operational budget review.				
IndependentEngineeringServicesChecklistPermitsAndAssessmentReviewMember	Independent Engineering Services Checklist Permits And Assessment Review [Member]	Items on the Independent Engineering Services Checklist regarding permits and assessments.				
IndependentEngineeringServicesChecklistPostFundingActivityMember	Independent Engineering Services Checklist Post Funding Activity [Member]	Items on the Independent Engineering Services Checklist on post-funding activities.				
IndependentEngineeringServicesChecklistReviewByContractorMember	Independent Engineering Services Checklist Review By Contractor [Member]	Items on the Independent Engineering Services Checklist regarding review by contractors.				
IndependentEngineeringServicesChecklistReviewOfReportStatusMember	Independent Engineering Services Checklist Review Of Report Status [Member]	Items on the Independent Engineering Services Checklist to review status of reports.				
IndependentEngineeringServicesChecklistSiteInspectionsMember	Independent Engineering Services Checklist Site Inspections [Member]	Items on the Independent Engineering Services Checklist regarding site inspections.				
IndependentEngineeringServicesChecklistSiteReviewMember	Independent Engineering Services Checklist Site Review [Member]	Items on the Independent Engineering Services Checklist regarding site review.				
IndependentEngineeringServicesChecklistSubstantialOrFinalCompletionReviewMember	Independent Engineering Services Checklist Substantial Or Final Completion Review [Member]	Items on the Independent Engineering Services Checklist regarding review of substantial or final completion.				
IndependentEngineeringServicesChecklistSupplementalReportsReviewMember	Independent Engineering Services Checklist Supplemental Reports Review [Member]	Items on the Independent Engineering Services Checklist regarding review of substantial or final completion.				
IndependentEngineeringServicesChecklistTable	Independent Engineering Services Checklist [Table]	Represents information used to assess the quality of the installation.				
IndependentEngineeringServicesChecklistTransmissionAndCurtailmentMember	Independent Engineering Services Checklist Transmission And Curtailment [Member]	Items on the Independent Engineering Services Checklist regarding transmission and curtailment.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
IndependentEngineeringServicesChecklistWarrantiesReviewMember	Independent Engineering Services Checklist Warranties Review [Member]	Items on the Independent Engineering Services Checklist regarding equipment warranties.				
IndependentEngineeringServicesNotes	Independent Engineering Services Notes, Description	Notes about the independent engineering services report.				
IndependentEngineeringServicesNotesDate	Independent Engineering Services Notes, Date	Date when the notes about the independent engineering services report were written.				
IndependentEngineeringServicesResponsibleParty	Independent Engineering Services Responsible Party, Name	Name of the individual responsible for the information reported on the checklist.				

InstallationAgreementAbstract	Installation Agreement [Abstract]	Information about the installation agreement which allows the installation of the project and is between the site owner and the developer.				
InstallationAgreementAvailabilityOfDocument	Availability Of Installation Agreement, Flag	Indicates if the installation agreement is available. If it is available, TRUE; if it is not available, FALSE.				
InstallationAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Installation Agreement, Flag	Indicates if there are exceptions to the installation agreement. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
InstallationAgreementAvailabilityOfFinalDocument	Availability Of Final Installation Agreement, Flag	Indicates if the installation agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
InstallationAgreementCounterparties	Counterparties To The Installation Agreement, Names	Names of counterparties to the installation agreement which are the developer and the site owner.				
InstallationAgreementDocumentLink	Installation Agreement, Link	Link to the Installation Agreement document.				
InstallationAgreementEffectiveDate	Installation Agreement, Effective Date	Effective date of the installation agreement.				
InstallationAgreementExceptionDescription	Installation Agreement Exceptions, Description	Description of any exceptions to the installation agreement.				
InstallationAgreementExpirationDate	Installation Agreement, Expiration Date	Expiration date of the installation agreement.				
InstallationAltitude	Installation Altitude, Length	The height of the installation from ground-level.				
InstallationTypeAbstract	Installation Type [Abstract]	Information about the array installation type.				
InstallationTypeAxis	Installation Type [Axis]	Used to identify different types of installations.				
InstallationTypeDomain	Installation Type [Domain]	Used to identify different types of installations.				
InstallationTypeLineItems	Installation Type [Line Items]	Used to group information about the installation types.				
InstallationTypeTable	Installation Type [Table]	Represents information about the installation type of the array with can be Rooftop or Ground.				
InsuranceAbstract	Insurance [Abstract]	Information about insurance.				
InsuranceAbstract	Insurance [Abstract]	Information about types of insurance related to the project or system.				
InsuranceAmountOfCoverage	Insurance, Amount of Coverage	Minimum coverage amount of insurance.				
InsuranceAvailability	Insurance, Availability	Indication as to whether Insurance is available. If available, TRUE; if not available, FALSE.				
InsuranceAxis	Insurance [Axis]	Used to identify the type of insurance, which may be surety, casualty, property, or other types.				

InsuranceBeneficiary	Insurance, Beneficiary Name	Beneficiary of Insurance.				
InsuranceConsultant	Insurance Consultant, Name	Name of insurance consultant (hired to work on the solar installation project).				
InsuranceConsultantReportAbstract	Insurance Consultant Report [Abstract]	Information about the Insurance Consultant Report which confirms there is proper insurance coverage.				
InsuranceConsultantReportAvailabilityOfDocument	Availability Of Insurance Consultant Report, Flag	Indicates if the Insurance Consultant Report is available. If it is available, TRUE; if it is not available, FALSE.				
InsuranceConsultantReportAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Insurance Consultant Report, Flag	Indicates if there are exceptions to the Insurance Consultant Report. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
InsuranceConsultantReportAvailabilityOfFinalDocument	Availability Of Final Insurance Consultant Report, Flag	Indicates if the Insurance Consultant Report is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
InsuranceConsultantReportCounterparties	Counterparties To The Insurance Consultant Report, Names	Names of counterparties to the Insurance Consultant Report.				
InsuranceConsultantReportDocumentLink	Insurance Consultant Report, Link	Link to the Insurance Consultant Report document.				
InsuranceConsultantReportEffectiveDate	Insurance Consultant Report, Effective Date	Effective date of the Insurance Consultant Report.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
InsuranceConsultantReportExceptionDescription	Insurance Consultant Report Exceptions, Description	Description of any exceptions to the Insurance Consultant Report.				
InsuranceConsultantReportExpirationDate	Insurance Consultant Report, Expiration Date	Expiration date of the Insurance Consultant Report.				
InsuranceDomain	Insurance [Domain]	Used to identify the type of insurance, which may be surety, casualty, property, or other types.				
InsuranceInitialCoveredStartDate	Initial Insurance Covered, Start Date	Start date of initial insurance coverage.				
InsuranceInitialUCCFilingDate	Initial Uniform Commercial Code, Filing Date	Date of initial UCC (Uniform Commercial Code) filing.				
InsuranceLineItems	Insurance [Line Items]	Used to group information about different types of insurance related to the project or the system.				
InsuranceMinimumCoverage	Insurance, Minimum Coverage	Minimum coverage amount of insurance.				
InsurancePerOccurrenceRequirement	Insurance, Per Occurrence Requirement, Description	Description of coverage per occurrence requirement in insurance.				
InsurancePolicyOwner	Insurance, Policy Owner	Policy owner of the Insurance.				
InsurancePropertyCertificateAbstract	Property Insurance Certificate [Abstract]	Information about the property insurance certificate.				

InsurancePropertyCertificateAvailabilityOfDocument	Availability Of Property Insurance Certificate, Flag	Indicates if the property insurance certificate is available. If it is available, TRUE; if it is not available, FALSE.				
InsurancePropertyCertificateAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Property Insurance Certificate, Flag	Indicates if there are exceptions to the property insurance certificate. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
InsurancePropertyCertificateAvailabilityOfFinalDocument	Availability Of Final Property Insurance Certificate, Flag	Indicates if the property insurance certificate is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
InsurancePropertyCertificateCounterparties	Counterparties To The Property Insurance Certificate, Names	Names of counterparties to the property insurance certificate.				
InsurancePropertyCertificateDocumentLink	Property Insurance Certificate, Link	Link to the Property Insurance Certificate document.				
InsurancePropertyCertificateEffectiveDate	Property Insurance Certificate, Effective Date	Effective date of the property insurance certificate.				
InsurancePropertyCertificateExceptionDescription	Property Insurance Certificate Exceptions, Description	Description of any exceptions to the property insurance certificate.				
InsurancePropertyCertificateExpirationDate	Property Insurance Certificate, Expiration Date	Expiration date of the property insurance certificate.				
InsurancePropertyInsuranceRequirement	Property Insurance General Requirement, Description	Description of general requirement for Property Insurance.				
InsuranceRebateDescription	Insurance Rebate Program, Description	Description of rebate program for Property Insurance.				
InsuranceRequirement	Insurance Requirement, Description	Description of insurance requirement.				
InsuranceSponsorReportingRequirements	Sponsor Reporting Requirements, Description	Description of sponsor reporting requirements.				
InsuranceStateIncentivesAndCreditsFilings	State Incentives and Credits Filings, Description	Description of state incentives and credit filings.				
InsuranceTable	Insurance [Table]	Table containing information about types of insurance, for example, casualty or property, which may be required for different participants to the project such as a contractor, subcontractor, or project owner.				
InsuranceTaxFilingRequirement	Tax Filing Requirement, Description	Description of tax filing requirement.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
-----------------------	-----------------------------	------------	--------	--------------------	---------------------------------	---------------------------------

InsuranceType	Insurance Type	Insurance type which can be: Liability, Property, Commercial General Liability, Business Interruption, Property Casualty, Casualty, Workmans Compensation, Energy Production, Performance, Universal, Warranty, Surety Advance Payment Bond, Surety Engineering Procurement Construction Surety Payment Bond, Surety Engineering Procurement Construction Payment Bond With Solar Module Supplier Sublimits As Dual Obligee, Surety Interconnection Payment Bond, Surety On Bill Finance Energy Efficiency Upgrades, Surety Utility Payment Bond, Surety On Bill Finance Solar Projects Utility Payment Bond, Surety Power Purchase Agreement Surety Payment Bond, Surety Solar Facility Decommissioning Bond, Surety Solar Module Payment Bond, Surety Solar Module Supply Bond, Surety Solar Module Warranty Security Bond, Electronic Surety Bond Provider Module Warranty Security, Electronic Surety Bond Provider Power Purchase Agreement Payment Bond.				
InterAnnualAvailabilityOfEnergy	Interannual Availability Of Energy, Percent	Percentage of P50 energy variation expected year to year over a single standard variation based on the historical variability of weather observed.				
InterconnectionAgreementAbstract	Interconnection Agreement [Abstract]	Information about the interconnection agreement between the project company and the utility.				
InterconnectionAgreementAvailabilityOfDocument	Availability Of Interconnection Agreement, Flag	Indicates if the Interconnection Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
InterconnectionAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Interconnection Agreement, Flag	Indicates if there are exceptions to the Interconnection Agreement. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
InterconnectionAgreementAvailabilityOfFinalDocument	Availability Of Final Interconnection Agreement, Flag	Indicates if the Interconnection Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
InterconnectionAgreementCounterparties	Counterparties To The Interconnection Agreement, Names	Names of counterparties to the Interconnection Agreement.				
InterconnectionAgreementCustomer	Interconnection Agreement, Customer	Name of the project company per the Interconnection Agreement. The agreement allows the project company to distribute energy onto the electrical grid.				
InterconnectionAgreementDocumentLink	Interconnection Agreement, Link	Link to the Interconnection Agreement document.				
InterconnectionAgreementEffectiveDate	Interconnection Agreement, Effective Date	Effective date of the interconnection agreement, allowing the project company to distribute energy onto the electrical grid.				
InterconnectionAgreementExceptionDescription	Interconnection Agreement Exceptions, Description	Description of any exceptions to the Interconnection Agreement.				
InterconnectionAgreementExpirationDate	Interconnection Agreement, Expiration Date	Expiration date of the Interconnection Agreement.				
InterconnectionAgreementInterconnectionProvider	Interconnection Agreement, Interconnection Provider	Name of the interconnection provider (utility) per the Interconnection Agreement, allowing the project company to distribute energy onto the electrical grid.				

InterconnectionAgreementPointOfInterconnection	Interconnection Agreement, Point Of Interconnection	Location of the interconnection named as GPS coordinate or address, per the Interconnection Agreement, allowing the project company to distribute energy onto the electrical grid.				
--	---	--	--	--	--	--

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
InterconnectionAgreementSpecialFeatures	Interconnection Agreement, Special Features, Description	Description of special features in the interconnection agreement, which allows the project company to distribute energy onto the electrical grid.				
InterconnectionAgreementType	Interconnection Agreement Type, Description	Description of the type of interconnection agreement type allowing the project company to distribute energy onto the electrical grid, for example, distributed generation, small or large.				
InterconnectionApprovalAbstract	Interconnection Approval [Abstract]	Information about the Interconnection Approval for the project.				
InterconnectionApprovalAvailabilityOfDocument	Availability Of Interconnection Approval, Flag	Indicates if the Interconnection Approval is available. If it is available, TRUE; if it is not available, FALSE.				
InterconnectionApprovalAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Interconnection Approval, Flag	Indicates if there are exceptions to the Interconnection Approval or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
InterconnectionApprovalAvailabilityOfFinalDocument	Availability Of Final Interconnection Approval, Flag	Indicates if the Interconnection Approval is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
InterconnectionApprovalCounterparties	Counterparties To The Interconnection Approval, Names	Names of counterparties to the Interconnection Approval.				
InterconnectionApprovalDocumentLink	Interconnection Approval, Link	Link to the Interconnection Approval document.				
InterconnectionApprovalEffectiveDate	Interconnection Approval, Effective Date	Effective date of the Interconnection Approval.				
InterconnectionApprovalExceptionDescription	Interconnection Approval Exceptions, Description	Description of any exceptions to the Interconnection Approval or issues raised.				
InterconnectionApprovalExpirationDate	Interconnection Approval, Expiration Date	Expiration date of the Interconnection Approval.				
InterestIncomeExpenseNet	Interest Income (Expense), Net	The net amount of operating interest income (expense).				
InterestRateOnOverduePayments	Interest Rate On Overdue Payments, Rate	Interest rate charged on overdue lease payments.				
InterMonthlyAvailabilityOfEnergy	Intermonthly Availability Of Energy, Percent	Percentage of P50 energy variation expected between a given month to the same month in the following over a single standard variation year based on the historical variability of weather observed.				
InverterBackupOutputAutomaticSwitchOverTime	Inverter Backup Output Automatic Switch Over Time					
InverterBackupOutputMaximumContinuousCurrentPerPhaseAC	Inverter Backup Output Maximum Continuous Current Per Phase AC, Amount	Amount of continuous current per phase of the inverter.				

InverterBackupPowerOutputAbstract	Inverter Backup Power Output [Abstract]	Information about the backup power output for the inverter.				
InverterBatteryInputAbstract	Inverter Battery Input [Abstract]	Information about the inverter related to the battery.				
InverterBatteryInputContinuousPowerDC	Inverter Input Battery Continuous Power DC, Amount	Amount of continuous DC power that can be drawn into the battery for the inverter, in apparent power.				
InverterBatteryInputNumberOfBatteriesPerInverter	Inverter Input Battery Number Of Batteries Per Inverter	Number of batteries required per inverter.				
InverterBatteryInputPeakPowerDC	Inverter Input Battery Peak Power DC, Amount	Peak apparent power that can be drawn into the battery for the inverter.				
InverterBatteryInputSupportedBatteryTypes	Inverter Input Supported Battery Types, Description	Description of battery types that can be used to support the inverter.				
InverterBuiltInMeterAvailability	Inverter Built In Meter Availability, Flag	Indicates if the inverter has a built-in meter. If it has a built-in meter, TRUE; if it does not, FALSE.				
InverterCaliforniaEnergyCommissionWeightedEfficiencyPercent	Inverter, California Energy Commission Weighted Efficiency, Percent	California Energy Commission (CEC) weighted energy efficiency rating of the inverter. In contrast to peak efficiency, it is a measure of average efficiency.				
InverterCertificationListing	Inverter Certification Listing, Description	Description of certifications available for the inverter.				
InverterCertificationsAbstract	Inverter Certifications [Abstract]	Information about inverter certifications.				
InverterCommunication	Inverter Communication, Description	Description of the communication system for the inverter.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
InverterContinuousPowerRatingAt40Celsius	Inverter Continuous Power Rating At 40 Degrees Celsius, Amount	Inverter continuous power rating at 40 degrees celsius.				
InverterCooling	Inverter Cooling, Description	Description of the inverter cooling system.				
InverterCutSheetNotes	Inverter Cut Sheet, Notes	Descriptive notes about the inverter to be used on a cut sheet.				
InverterDCOptimized	Inverter, DC Optimized, Flag	Indication as to whether the inverter is DC optimized. If DC optimized, TRUE; if not DC optimized, FALSE.				
InverterDepth	Inverter, Depth	Depth of the Inverter.				
InverterDesignFactor	Inverter, Design Factor	Multiplier indicating the amount that the inverter can operate at above the inverter DC nameplate capacity. For example, at a design factor of 1.1, can safely operate 10% above the stated nameplate capacity rating.				
InverterDimensionsAbstract	Inverter Dimensions [Abstract]	Used to show the dimensions of an inverter.				

InverterDisconnectionType	Inverter Disconnection Type, Description	Description of the inverter disconnection type.				
InverterEfficiencyAtVmaxPercent	Inverter Efficiency At Vmax, Percent	Percent efficiency rating of the inverter at vmax with a specified inverter power level. Vmax is the maximum DC input voltage of the inverter in DC.				
InverterEfficiencyAtVminPercent	Inverter Efficiency At Vmin, Percent	Percent efficiency rating of the inverter at vmin with a specified inverter power level. Vmin is the lowest possible operating voltage needed for energy efficiency and reliability optimization.				
InverterEfficiencyAtVnomPercent	Inverter Efficiency At Vnom, Percent	Percent efficiency rating of the inverter at vnom with a specified inverter power level. Vnom is nominal input voltage of the inverter in DC.				
InverterEnclosureEnvironmentalRating	Inverter Enclosure Environmental Rating, Description	Description of the enclosure environmental rating for the inverter.				
InverterErrorCodeData	Inverter Error Code Data	Error code data provided about the inverter.				
InverterEuropeanEfficiencyRatingPercent	Inverter, European Efficiency Rating, Percent	European Efficiency rating of the inverter which is an averaged operating efficiency over a yearly power distribution corresponding to middle-Europe climate.				
InverterFanStatusFlag	Inverter Fan Status, Flag	Status of the inverter fan. If fan is working, TRUE; if fan is not working, FALSE.				
InverterFirmwareVersionTested	Inverter Firmware Version Tested, Name	Version of firmware for the inverter that has been tested, for example, A.4.0.B, B.4.2.2, C.2.0.0.				
InverterGeneralDataAbstract	Inverter General Data [Abstract]	Abstract used to classify general nameplate information about the inverter.				
InverterGroundFaultDetectorInterrupterDescription	Inverter Ground Fault Detector Interrupter, Description	Description of the Inverter Ground Fault Detector Interrupter which is a fuse that trips when ground fault current exceeds the ampere rating of the fuse.				
InverterGroundFaultDetectorInterrupterThreshold	Inverter Ground Fault Detector Interrupter Threshold, Amount	Threshold amount of current in the Inverter Ground Fault Detector Interrupter which is a fuse that trips when ground fault current exceeds the ampere rating of the fuse.				
InverterGroundingAvailability	Inverter Grounding Availability, Flag	Indication as to whether grounding is available for the inverter. If Ungrounded (Transformerless), FALSE. If Grounded, TRUE.				
InverterHarmonicsTheshold	Inverter Harmonics Threshold, Percent	Expected percent limit of the change in frequency from expected frequency which is the harmonics, a method of characterizing the flow of the current. For example, the frequency is expected to be less than 4% of the expected frequency.				
InverterHasCertificationIEC61683	Inverter Has Certification IEC61683, Flag	Inverter has certification IEC61683, for Power Conditioners - Procedure for Measuring Efficiency.				
InverterHasCertificationIEC62109-1	Inverter Has Certification IEC62109-1, Flag	Inverter has certification IEC62109-1, for Safety of Power Converters ofr Use in PV Power Systems, Part 1: General Requirements.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
-----------------------	-----------------------------	------------	--------	--------------------	---------------------------------	---------------------------------

InverterHasCertificationIEC62109-2	Inverter Has Certification IEC62109-2, Flag	Inverter has certification IEC62109-2, Safety of Power Converters for Use in PV Power Systems, Part 2: Particular Requirements for Inverters.				
InverterHasCertificationOther	Inverter Has Certification Other, Description	Inverter has certification other than UL1741, IEC61683, IEC62109-1, or IEC62109-2. If it does, then list the certifications.				
InverterHasCertificationUL1741	Inverter Has Certification UL1741, Flag	Inverter has certification UL1741, for Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources.				
InverterHasCertificationUL1741SupplementA	Inverter Has Certification UL1741 Supplement A, Flag	Inverter has certification UL1741 Supplement A, for Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources.				
InverterHasDCDisconnectDevice	Inverter Has DC Disconnect Device, Flag	Indication as to whether the inverter has a DC disconnect device; if it does, TRUE; if it does not, FALSE.				
InverterHasGroundFaultMonitoring	Inverter Has Ground Fault Monitoring, Flag	Indication as to whether the inverter has a ground fault monitoring; if it does, TRUE; if it does not, FALSE.				
InverterInputMaximumMPPVoltage	Inverter, Maximum MPP Voltage	Maximum voltage at which the inverter can deliver its rated power				
InverterInputMaximumOperatingCurrentDC	Inverter Input, Maximum Operating Current DC	The maximum input DC current that can be connected to the inverter.				
InverterInputMaximumPowerDC	Inverter Input, Maximum Power DC, Amount	Maximum amount of apparent power input that the inverter can safely draw.				
InverterInputMaximumVoltageDC	Inverter Input, Maximum Voltage DC	Maximum rated DC voltage input of the inverter.				
InverterInputMinimumMPPVoltage	Inverter, Minimum MPP Voltage	Minimum voltage at which the inverter can deliver its rated power				
InverterInputMinimumVoltageDC	Inverter Input, Minimum Voltage DC	Minimum rated DC voltage input of the inverter.				
InverterInputNameplateAbstract	Inverter Input Nameplate [Abstract]	Nameplate information about the inverter input.				
InverterInputNumberOfMaximumPowerPointTrackers	Inverter Input, Number Of Maximum Power Point Trackers	Number of Maximum Power Point Trackers (MPPT).				
InverterInputRatedVoltageDC	Inverter Input, Rated Voltage DC, Amount	Rated DC voltage of the inverter.				
InverterInputShortCircuitCurrentDC	Inverter Input, Short Circuit Current DC	Amount of current going through the inverter when the voltage is zero.				
InverterInputStringsPerMaximumPowerPointTrackerNumber	Inverter Input, Strings Per Maximum Power Point Tracker, Number	Number of strings or input per Maximum Power Point (MPPT).				
InverterIsGridSupportUtilityInteractive	Inverter Is Grid Support Utility Interactive, Flag	Indicates if the inverter is Grid Support Utility Interactive. If it is, TRUE; if it is not, FALSE.				
InverterIsMicroinverter	Inverter Is Microinverter, Flag	Indicates if the inverter is a microinverter. If it is a microinverter, TRUE; if it is not, FALSE.				

InverterIsMPPT	Inverter, Is MPPT, Flag	Indicates if the inverter is an MPPT inverter. The MPPT is a circuit (typically a DC to DC converter) used to maximize the energy available from the connected solar module arrays at any time during its operation. If it is an MMPT inverter, TRUE; if it is not, FALSE.				
InverterIsPartOfACPVModule	Inverter is Part of ACPV Module, Flag	Indicates if the inverter is part of an ACPV Module. If it is, TRUE; if it is not, FALSE.				
InverterIsUtilityInteractiveFlag	Inverter Is Utility Interactive, Flag	Indicates if the inverter is Utility Interactive. If it is, TRUE; if it is not, FALSE.				
InverterLength	Inverter, Length	Length of the Inverter.				
InverterMaximumEfficiency	Inverter Maximum Efficiency, Percent	The ratio of output power (or energy) to input power (or energy) for the inverter.				
InverterMaximumStartVoltage	Inverter, Maximum Start Voltage	The maximum start voltage of an inverter is the maximum voltage at which the inverter begins pulling power from the array.				
InverterMember	Inverter [Member]	Inverter equipment.				
InverterMinimumStartVoltage	Inverter, Minimum Start Voltage	The start voltage of an inverter is the minimum voltage at which the inverter begins pulling power from the array.				
InverterMonitoring	Inverter Monitoring, Description	Description of the monitoring system for the inverter.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
InverterMPPTOperatingRangeVoltageMaximum	Inverter MPPT Operating Range Maximum, Amount	Inverter Maximum Power Point Tracking maximum operating voltage range.				
InverterMPPTOperatingRangeVoltageMinimum	Inverter MPPT Operating Range Minimum, Amount	Inverter Maximum Power Point Tracking minimum operating voltage range.				
InverterNameplateAbstract	Inverter Nameplate [Abstract]	Nameplate information about the inverter.				
InverterNightTareLoss	Inverter Night Tare Loss, Amount	Amount of tare power lost at night. Tare losses are a measure of the energy the inverter consumes to power its internal electronics and magnetics.				
InverterNightTareLossAt40Celsius	Inverter Night Tare Loss At 40 Degrees Celsius, Amount	Amount of tare power lost at night at 40 degrees celsius. Tare losses are a measure of the energy the inverter consumes to power its internal electronics and magnetics.				
InverterNighttimePowerConsumption	Inverter, Nighttime Power Consumption, Power	The amount of power consumed during the night.				
InverterNumberOfLineConnections	Inverter Line Connections, Number	Number of inverter line connections.				
InverterOperatingTemperatureRangeMaximum	Inverter Operating Temperature Range Maximum	Maximum operating temperature of the solar module. Can be reported as Celsius or Fahrenheit by the preparer when specifying units in the instance document.				

InverterOperatingTemperatureRangeMinimum	Inverter Operating Temperature Range Minimum	Minimum operating temperature of the solar module. Can be reported as Celsius or Fahrenheit by the preparer when specifying units in the instance document.				
InverterOutputACFrequencyRangeMaximum	Inverter Output, AC Frequency Range Maximum, Amount	Maximum value of the range within which the frequency of the inverter allows the AC to fluctuate, in herz.				
InverterOutputACFrequencyRangeMinimum	Inverter Output, AC Frequency Range Minimum, Amount	Minimum value of the range within which the frequency of the inverter allows the AC to fluctuate, in herz.				
InverterOutputContinuousPower	Inverter Output, Continuous Power, Amount	Amount of power that can be delivered continuously by the inverter.				
InverterOutputMaximumApparentPowerAC	Inverter Output, Maximum Apparent Power AC, Amount	Maximum, nameplate (nominal) apparent power output of the inverter, in volts-ampere.				
InverterOutputMaximumCurrentAC	Inverter Output, Maximum Current AC, Amount	Maximum amount of current that an inverter will output, AC.				
InverterOutputNameplateAbstract	Inverter Output Nameplate [Abstract]	Nameplate information about the inverter output.				
InverterOutputPhaseType	Inverter Output Phase, Type	Phase type of the inverter which can be Single Phase, Three Phase WYE configuration, or Three Phase Delta configuration.				
InverterOutputRatedFrequency	Inverter Output, Rated Frequency	Rated frequency of the inverter in Hertz.				
InverterOutputRatedPowerAC	Inverter Output, Rated Power AC, Amount	Rated apparent power of the inverter per manufacturers specification in AC.				
InverterOutputRatedVoltageAC	Inverter Output, Rated Voltage AC, Amount	Rated AC voltage of the inverter.				
InverterOutputVoltageRangeACMaximum	Inverter Output, AC Voltage Range Maximum, Amount	Maximum value of the voltage range of the inverter, per manufacturer specification.				
InverterOutputVoltageRangeACMinimum	Inverter Output, AC Voltage Range Minimum, Amount	Minimum value of the voltage range of the inverter, per manufacturer specification.				
InverterPowerFactor	Inverter Power Factor	Power factor of the inverter operating at nominal power. Power factor is the ratio of real power to apparent power.				
InverterPowerFactorMinimumOverexcited	Inverter, Power Factor Minimum, Overexcited	Minimum power factor when injecting reactive power.				
InverterPowerFactorMinimumUnderexcited	Inverter, Power Factor Minimum, Underexcited	Minimum power factor when absorbing reactive power.				
InverterPowerLevel100PercentMember	Inverter Power At 100 Percent Power Level [Member]	Inverter is at 100% power level.				
InverterPowerLevel10PercentMember	Inverter Power At 10 Percent Power Level [Member]	Inverter is at 10% power level.				
InverterPowerLevel20PercentMember	Inverter Power At 20 Percent Power Level [Member]	Inverter is at 20% power level.				
InverterPowerLevel30PercentMember	Inverter Power At 30 Percent Power Level [Member]	Inverter is at 30% power level.				

InverterPowerLevel50PercentMember	Inverter Power At 50 Percent Power Level [Member]	Inverter is at 50% power level.				
-----------------------------------	---	---------------------------------	--	--	--	--

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
InverterPowerLevel75PercentMember	Inverter Power At 75 Percent Power Level [Member]	Inverter is at 75% power level.				
InverterPowerLevelLineItems	Inverter Power Level [Line Items]	Used to group a listing of information about inverters at various power levels.				
InverterPowerLevelPercentAxis	Inverter Power Level [Axis]	Used to identify power levels for an inverter, for example 10% power level, 20% power level, 30% power level, weighted percent, etc.				
InverterPowerLevelPercentDomain	Inverter Power Level [Domain]	Used to identify power levels for an inverter, for example 10% power level, 20% power level, 30% power level, weighted average..				
InverterPowerLevelTable	Inverter Power Level [Table]	Represents information about inverter power levels.				
InverterPowerLevelWeightedMember	Inverter Power At Weighted Average Power Level [Member]	Inverter is at a weighted average power level, calculated as 4% of 10% power level output + 5% at 20% power level output + 12% at 30% power level output + 21% at 50% power level output + 53% at 75% power level output + 5% at 100% power output level.				
InverterReversePolarityFlag	Inverter Indication of Reverse Polarity, Flag	If the Inverter has reverse polarity, TRUE; if the inverter does not have reverse polarity, FALSE.				
InverterStaticMPPTEfficiency	Inverter Static MPPT Efficiency, Percent	Static MPPT efficiency, which quantifies the array power captured under stable conditions.				
InverterTestingRequirementsAbstract	Inverter Testing Requirements [Abstract]	Information about testing requirements for inverter cut sheets.				
InverterTransformerDesign	Inverter Transformer Design, Description	Description of the transformer design for the inverter.				
InverterUL1741SupplementACertificationDate	Inverter UL1741 Supplement A Certification, Date	Date when the inverter UL1741 Supplement A Certification was received.				
InverterWeight	Inverter, Weight	Weight of the Inverter.				
InverterWeightedEfficiencyAtVmax	Inverter Weighted Efficiency At Vmax, Percent	Weighted efficiency rating of the inverter at vmax which is the lowest possible operating voltage needed for energy efficiency and reliability optimization.				
InverterWeightedEfficiencyAtVmin	Inverter Weighted Efficiency At Vmin, Percent	Weighted efficiency rating of the inverter at vmin which is the lowest possible operating voltage needed for energy efficiency and reliability optimization.				
InverterWeightedEfficiencyAtVnom	Inverter Weighted Efficiency At Vnom, Percent	Weighted efficiency rating of the inverter at vmin which is the lowest possible operating voltage needed for energy efficiency and reliability optimization.				
InverterWidth	Inverter, Width	Width of the Inverter.				

InvestedCapital	Invested Capital, Amount	The total invested capital at the end of the reporting period.				
InvestmentClassAxis	Investor Class [Axis]	Represents different classes of investors, for example Class A investors, Class B investors .				
InvestmentClassDomain	Investor Class [Domain]	Represents different classes of investors, for example Class A investors, Class B investors .				
InvestmentFundAbstract	Investment Fund [Abstract]	Information about the investment fund.				
InvestmentMemo	Approval Memo, Description	Description of the approval memo.				
InvestmentMemo	Lessee Collateral Agency Agreement, Link	Link to the Lessee Collateral Agency Agreement document.				
InvestmentMemoAbstract	Investment Memo [Abstract]	Information about the Investment Memo.				
InvestmentMemoAvailabilityOfDocument	Availability Of Investment Memo, Flag	Indicates if the Investment Memo is available. If it is available, TRUE; if it is not available, FALSE.				
InvestmentMemoAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Investment Memo, Flag	Indicates if there are exceptions to the Investment Memo. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
InvestmentMemoAvailabilityOfFinalDocument	Availability Of Final Investment Memo, Flag	Indicates if the Investment Memo is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
InvestmentMemoCounterparties	Counterparties To The Investment Memo, Names	Names of counterparties to the Investment Memo.				
InvestmentMemoDocumentLink	Investment Memo, Link	Link to the Investment Memo document.				
InvestmentMemoEffectiveDate	Investment Memo, Effective Date	Effective date of the Investment Memo.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
InvestmentMemoExceptionDescription	Investment Memo Exceptions, Description	Description of any exceptions to the Investment Memo.				
InvestmentMemoExpirationDate	Investment Memo, Expiration Date	Expiration date of the Investment Memo.				
InvoiceIncludingWiringInstructionsABANumber	Wiring Instructions, ABA Number	American Banking Association (ABA) number for the account receiving the wired funds.				
InvoiceIncludingWiringInstructionsAbstract	Invoice Including Wiring Instructions [Abstract]	Information about the Invoice Including Wiring Instructions for the project.				
InvoiceIncludingWiringInstructionsAvailabilityOfDocument	Availability Of Invoice Including Wiring Instructions, Flag	Indicates if the Invoice Including Wiring Instructions is available. If it is available, TRUE; if it is not available, FALSE.				
InvoiceIncludingWiringInstructionsAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Invoice Including Wiring Instructions, Flag	Indicates if there are exceptions to the Invoice Including Wiring Instructions or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				

InvoiceIncludingWiringInstructionsAvailabilityOfFinalDocument	Availability Of Final Invoice Including Wiring Instructions, Flag	Indicates if the Invoice Including Wiring Instructions is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
InvoiceIncludingWiringInstructionsBankSendingFunds	Bank Sending Wire, Name	Name of the bank sending the wired amount.				
InvoiceIncludingWiringInstructionsBeneficiary	Wiring Instructions Beneficiary, Name	Name of the beneficiary of the wired funds.				
InvoiceIncludingWiringInstructionsCounterparties	Counterparties To The Invoice Including Wiring Instructions, Names	Names of counterparties to the Invoice Including Wiring Instructions.				
InvoiceIncludingWiringInstructionsDocumentLink	Invoice Including Wiring Instructions, Link	Link to the Invoice Including Wiring Instructions document.				
InvoiceIncludingWiringInstructionsEffectiveDate	Invoice Including Wiring Instructions, Effective Date	Effective date of the Invoice Including Wiring Instructions.				
InvoiceIncludingWiringInstructionsExceptionDescription	Invoice Including Wiring Instructions Exceptions, Description	Description of any exceptions to the Invoice Including Wiring Instructions or issues raised.				
InvoiceIncludingWiringInstructionsExpirationDate	Invoice Including Wiring Instructions, Expiration Date	Expiration date of the Invoice Including Wiring Instructions.				
InvoiceIncludingWiringInstructionsFundsRecipient	Recipient Of Wire Amount, Name	Recipient of wired funds for the system.				
InvoiceIncludingWiringInstructionsRecipientAccountNumber	Wiring Instructions, Account Number	Account number of the recipient of the wired funds.				
InvoiceIncludingWiringInstructionsRecipientContactName	Wiring Instructions Recipient, Name	Contact name of the recipient of the wired funds.				
InvoiceIncludingWiringInstructionsRecipientSubAccount	Wiring Instructions Subaccount Number	Subaccount number of the recipient of the wired funds.				
InvoiceIncludingWiringInstructionsReference	Wiring Instructions Reference, Description	Description of the reference associated with the wired funds.				
IrradianceForPowerTargetCapMeasurement	Irradiance for Power Target Cap Measurement	Irradiance used for the targeted conditions for the capacity measurement using IEC 61724-2.				
IssuesDuringConstructionAbstract	Issues During Construction [Abstract]	Information about issues that occur during construction.				
IssuesDuringConstructionEquipmentIssues	Issues During Construction, Equipment Issues, Description	Description of equipment issues during the construction phase.				
IssuesDuringConstructionOtherTechnicalIssues	Issues During Construction, Other Technical Issues, Description	Description of other, non-equipment, non-security issues during the construction phase.				
IssuesDuringConstructionSecurityIssues	Issues During Construction, Security Issues, Description	Description of security issues during the construction phase.				
LCCRegistrationAbstract	LCC Registration [Abstract]	Information about the LCC Registration for the project.				
LCCRegistrationAvailabilityOfDocument	Availability Of LCC Registration, Flag	Indicates if the LCC Registration is available. If it is available, TRUE; if it is not available, FALSE.				

LCCRegistrationAvailabilityOfDocumentExceptions	Availability Of Exceptions To The LCC Registration, Flag	Indicates if there are exceptions to the LCC Registration or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
LCCRegistrationAvailabilityOfFinalDocument	Availability Of Final LCC Registration, Flag	Indicates if the LCC Registration is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
LCCRegistrationCounterparties	Counterparties To The LCC Registration, Names	Names of counterparties to the LCC Registration.				
LCCRegistrationDocumentLink	LCC Registration, Link	Link to the LCC Registration document.				
LCCRegistrationEffectiveDate	LCC Registration, Effective Date	Effective date of the LCC Registration.				
LCCRegistrationExceptionDescription	LCC Registration Exceptions, Description	Description of any exceptions to the LCC Registration or issues raised.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
LCCRegistrationExpirationDate	LCC Registration, Expiration Date	Expiration date of the LCC Registration.				
LeaseAbstract	Lease [Abstract]	Information about the lease.				
LeaseAmountPayable	Lease Amount Payable, Amount	Amount payable, which is the sum of basic rent and interest payable on section 467 balance from lessee to lessor.				
LeaseBankIdentifierForLessee	Lease Bank Identifier For Lessee	Bank identification number for the lessee.				
LeaseBaseStipulatedLossValue	Lease Base Stipulated Loss Value, Amount	Base stipulated loss value, which is the gross amount that the investor needs to be paid to be made whole, if there is an early termination of the lease, e.g., the equipment is destroyed.				
LeaseBasicRent	Lease Basic Rent, Amount	Basic rent which is the amount of rent payable on a specified date, e.g., the amount that must be paid to lessor by lessee.				
LeaseContractForProjectAbstract	Lease Contract For Project [Abstract]	Information contained in the contract for a project lease.				
LeaseCounterparty	Lease Counterparty, Name	Name of the counterparty to the lease.				
LeaseCounterpartyAddress	Lease Counterparty, Address	Address of the counterparty				
LeaseCounterpartyJurisdiction	Lease Counterparty Jurisdiction, Description	Jurisdiction of the counterparty, for example, name of the state.				
LeaseCounterpartyType	Lease Counterparty Type, Description	Description of the type of counterparty. For example, trust.				
LeaseFederalTaxIdentifierForLessee	Lease Federal Tax Identifier For Lessee	Federal tax identification number for the lessee.				

LeaseInterestAccrued	Lease Interest Accrued, Amount	Interest, which is the amount of interest that has accrued on the prepaid rent.				
LeaseInterestPayable	Lease Interest Payable, Amount	Interest payable, which is the amount of interest that must be paid in that period.				
LeaseInterestPayableOnSection467	Lease Interest Payable On Section 467, Amount	Interest payable on section 467, which is the interest that has accrued on the section 467 loan balance; for each period how much interest accrued on the balance during that period which will be an amount owed by lessor to lessee.				
LeaseJurisdictionAndGoverningLaw	Lease Jurisdiction And Governing Law, Description	Description of jurisdiction and governing law that pertains to the lease.				
LeaseOneYearAverageRent	Lease One Year Average Rent, Amount	Average annual amount of rent over the lifetime of the lease.				
LeaseProjectCostToLessor	Lease Project, Cost To Lessor	Amount paid by the lessor which is probably the bank, to purchase the project.				
LeaseProjectDocuments	Lease Project Documents, Description	Description of all major project documents related to the lease.				
LeaseProportionalRent	Lease Proportional Rent, Amount	Proportional rent, which is rent accrued for tax purposes. It is a calculated value to show how much rent accrues during the period.				
LeaseProRataRent	Lease Pro Rata Rent, Amount	Pro rata rent, which is the difference between rent payable and rent accrued during the previous rental period that is not included otherwise in section 467 balance or in base stipulated loss value.				
LeaseRentPayment	Lease Rent Payment, Amount	Rent payment.				
LeaseSection467Balance	Lease Section 467 Balance, Amount	Section 467 balance, which is the cumulative difference between the amount of rent that has been paid and the amount of rent that has been accrued for tax purposes since the inception of the lease. Represents an amount that, if negative, is the amount the lessor owes to lessee; if positive, represents an amount owed by lessee to lessor.				
LeaseSection467LessorBalance	Lease Section 467 Lessor Balance, Amount	Section 467 lessor balance, which is the sum of basic rent plus interest plus interest payable on section 467 loan balance (if positive, owed from lessor to lessee).				
LeaseServicingForProjectAbstract	Lease Servicing For Project [Abstract]	Information contained in the servicing for a project lease.				
LeaseSixMonthsAverageRent	Lease Six Months Average Rent, Amount	Average amount of rent over any 6 month time period during the lifetime of the lease.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
LeaseStipulatedLossValue	Lease Stipulated Loss Value, Amount	Stipulated loss value, which is the net amount starting with the base stipulated loss value minus section 467 balance plus the pro rata rent.				
LegalEntityArticlesOfOrganizationAvailability	Legal Entity Articles of Organization Availability, Flag	Indicates availability of the Legal Entity articles of organization. If available, TRUE; if not available, FALSE.				

LegalEntityArticlesOfOrganizationLink	Legal Entity Articles of Organization, Link	Link to a copy of the articles of organization for the legal entity.				
LegalEntityCertificateOfOrganizationAvailability	Legal Entity Certificate of Organization Availability, Flag	Indicates availability of the legal entities certificate of organization. If available, TRUE; if not available, FALSE.				
LegalEntityCertificateOfOrganizationLink	Legal Entity Certificate Of Organization, Link	Link to the certificate of organization for the legal entity.				
LegalEntityIdentifier	Legal Entity Identifier	Legal Entity Identifier (LEI) of the entity.				
LegalEntityMembershipCertificateAvailability	Legal Entity Membership Certificate Availability, Flag	Indicates availability of the legal entity membership certificate. If available, TRUE; if not available, FALSE.				
LegalEntityMembershipCertificateLink	Legal Entity Membership Certificate, Link	Link to a copy of membership certificate for the legal entity.				
LegalEntityOperatingAgreementAvailability	Legal Entity Operating Agreement Availability, Flag	Indicates availability of the legal entity operating agreement. If available, TRUE; if not available, FALSE.				
LegalEntityOperatingAgreementLink	Legal Entity Operating Agreement, Link	Link to a copy of operating agreement for the Legal Entity.				
LegalEntityType	Legal Entity Type, Description	Description of the type of legal entity, for example LLC or Corporation.				
LesseeClaimDocumentsAbstract	Lessee Claim Documents [Abstract]	Information about the Lessee Claim Documents, providing evidence of Lessee's claim to state rebates, subsidies or incentives for the project.				
LesseeClaimDocumentsAvailabilityOfDocument	Availability Of Lessee Claim Documents, Flag	Indicates if the Lessee Claim Documents is available. If it is available, TRUE; if it is not available, FALSE.				
LesseeClaimDocumentsAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Lessee Claim Documents, Flag	Indicates if there are exceptions to the Lessee Claim Documents or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
LesseeClaimDocumentsAvailabilityOfFinalDocument	Availability Of Final Lessee Claim Documents, Flag	Indicates if the Lessee Claim Documents is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
LesseeClaimDocumentsCounterparties	Counterparties To The Lessee Claim Documents, Names	Names of counterparties to the Lessee Claim Documents, providing evidence of Lessee's claim to state rebates, subsidies or incentives for the project.				
LesseeClaimDocumentsEffectiveDate	Lessee Claim Documents, Effective Date	Effective date of the Lessee Claim Documents, providing evidence of Lessee's claim to state rebates, subsidies or incentives for the project.				
LesseeClaimDocumentsExceptionDescription	Lessee Claim Documents Exceptions, Description	Description of any exceptions to the Lessee Claim Documents or issues raised.				
LesseeClaimDocumentsExpirationDate	Lessee Claim Documents, Expiration Date	Expiration date of the Lessee Claim Documents, providing evidence of Lessee's claim to state rebates, subsidies or incentives for the project.				
LesseeClaimsDocumentLink	Lessee Claims Document, Link	Link to the Lessee Claims document.				
LesseeCollateralAgencyAgreementAbstract	Master Lessee Collateral Agency Agreement [Abstract]	Information about the Master Lessee Collateral Agency Agreement for the project.				
LesseeCollateralAgencyAgreementAvailabilityOfDocument	Availability Of Lessee Collateral Agency Agreement, Flag	Indicates if the Lessee Collateral Agency Agreement is available. If it is available, TRUE; if it is not available, FALSE.				

LesseeCollateralAgencyAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Lessee Collateral Agency Agreement, Flag	Indicates if there are exceptions to the Lessee Collateral Agency Agreement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
LesseeCollateralAgencyAgreementAvailabilityOfFinalDocument	Availability Of Final Lessee Collateral Agency Agreement, Flag	Indicates if the Lessee Collateral Agency Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
LesseeCollateralAgencyAgreementCounterparties	Counterparties To The Lessee Collateral Agency Agreement, Names	Names of counterparties to the Lessee Collateral Agency Agreement.				
LesseeCollateralAgencyAgreementDocumentLink	Lessee Collateral Agency Agreement, Link	Link to the Lessee Collateral Agency Agreement document.				
LesseeCollateralAgencyAgreementEffectiveDate	Lessee Collateral Agency Agreement, Effective Date	Effective date of the Lessee Collateral Agency Agreement.				
LesseeCollateralAgencyAgreementExceptionDescription	Lessee Collateral Agency Agreement Exceptions, Description	Description of any exceptions to the Lessee Collateral Agency Agreement or issues raised.				
LesseeCollateralAgencyAgreementExpirationDate	Lessee Collateral Agency Agreement, Expiration Date	Expiration date of the Lessee Collateral Agency Agreement.				
LesseeCollateralAgencyAgreementLink	Lessee Collateral Agency Agreement, Link	Link to the Lessee Collateral Agency Agreement document.				
LesseeFinanceLeaseDiscountRate	Lessee, Finance Lease, Discount Rate	Discount rate used by lessee to determine present value of finance lease payments.				
LesseeSecurityAgreementAbstract	Lessee Security Agreement [Abstract]	Information about the Lessee Security Agreement for the project.				
LesseeSecurityAgreementAvailabilityOfDocument	Availability Of Lessee Security Agreement, Flag	Indicates if the Lessee Security Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
LesseeSecurityAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Lessee Security Agreement, Flag	Indicates if there are exceptions to the Lessee Security Agreement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
LesseeSecurityAgreementAvailabilityOfFinalDocument	Availability Of Final Lessee Security Agreement, Flag	Indicates if the Lessee Security Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
LesseeSecurityAgreementCounterparties	Counterparties To The Lessee Security Agreement, Names	Names of counterparties to the Lessee Security Agreement.				
LesseeSecurityAgreementDocumentLink	Lessee Security Agreement, Link	Link to the Lessee Security Agreement document.				
LesseeSecurityAgreementEffectiveDate	Lessee Security Agreement, Effective Date	Effective date of the Lessee Security Agreement.				
LesseeSecurityAgreementExceptionDescription	Lessee Security Agreement Exceptions, Description	Description of any exceptions to the Lessee Security Agreement or issues raised.				
LesseeSecurityAgreementExpirationDate	Lessee Security Agreement, Expiration Date	Expiration date of the Lessee Security Agreement.				

LessorDirectFinancingLeaseDescription	Lessor, Direct Financing Lease, Description	Description of lessor's direct financing lease.				
LessorDirectFinancingLeaseTermOfContract	Lessor, Direct Financing Lease, Term of Contract	Term of lessor's direct financing lease, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days.				
LessorFinanceLeaseDiscountRate	Lessor, Finance Lease, Discount Rate	Discount rate used by lessor to determine present value of finance lease payments.				
LetterOfCreditAbstract	Letter of Credit Documents [Abstract]	Information about the letter of credit documents.				
LetterOfCreditAvailabilityOfDocument	Availability Of Letter Of Credit, Flag	Indicates if the Letter Of Credit is available. If it is available, TRUE; if it is not available, FALSE.				
LetterOfCreditAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Letter Of Credit, Flag	Indicates if there are exceptions to the Letter Of Credit. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
LetterOfCreditAvailabilityOfFinalDocument	Availability Of Final Letter Of Credit, Flag	Indicates if the Letter Of Credit is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
LetterOfCreditBeneficiary	Letter of Credit, Security, Beneficiary	Name of the beneficiary of the Letter of Credit.				
LetterOfCreditCounterparties	Counterparties To The Letter Of Credit, Names	Names of counterparties to the Letter Of Credit.				
LetterOfCreditDocumentLink	Letter Of Credit, Link	Link to the Letter Of Credit document.				
LetterOfCreditExceptionDescription	Letter Of Credit Exceptions, Description	Description of any exceptions to the Letter Of Credit.				
LetterOfCreditExpirationDate	Letter of Credit, Security, Expiration Date	Expiration date of the Letter of Credit.				
LetterOfCreditGuaranteePurpose	Letter Of Credit Guarantee Purpose, Description	Description of the purpose of letter of credit. For example, a letter of credit may provide a financial guarantee for a PPA, a financial guarantee for decommissioning, or a financial guarantee for the rent reserve.				
LetterOfCreditIdentifierAxis	Letter Of Credit Identifier [Axis]	Used to represent information about various letters of credit.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
LetterOfCreditIdentifierDomain	Letter Of Credit Identifier [Domain]	Used to represent information about various letters of credit.				
LetterOfCreditInitiationDate	Letter of Credit, Security, Initiation Date	Initiation date of the Letter of Credit.				
LetterOfCreditLineItems	Letter Of Credit Identifier [Line Items]	Used to group a listing of information about letters of credit.				
LetterOfCreditProviderMoodyRating	Letter of Credit, Security Provider Required Moody's Rating	Moody's rating of the provider of the Letter of Credit.				

LetterOfCreditSAndPRating	Letter of Credit, Security Provider Required S&P Rating	S&P rating of the provider of the Letter of Credit.				
LetterOfCreditSecurityTerm	Letter of Credit, Security Term	Term of the Letter of Credit. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
LetterOfCreditSecurityType	Letter of Credit, Security Type, Description	Description of the security of the Letter of Credit.				
LetterOfCreditTable	Letter Of Credit [Table]	Table used to collect data about various letters of credit.				
Liabilities	Liabilities	Sum of the carrying amounts as of the balance sheet date of all liabilities that are recognized. Liabilities are probable future sacrifices of economic benefits arising from present obligations of an entity to transfer assets or provide services to other entities in the future.				
Liabilities	Liabilities	Sum of the carrying amounts as of the balance sheet date of all liabilities that are recognized. Liabilities are probable future sacrifices of economic benefits arising from present obligations of an entity to transfer assets or provide services to other entities in the future.				
LiabilitiesAbstract	Liabilities [Abstract]					
LiabilitiesAndStockholdersEquity	Liabilities and Equity	Amount of liabilities and equity items, including the portion of equity attributable to noncontrolling interests, if any.				
LiabilitiesAndStockholdersEquity	Liabilities and Equity	Amount of liabilities and equity items, including the portion of equity attributable to noncontrolling interests, if any.				
LiabilitiesAndStockholdersEquityAbstract	Liabilities and Equity [Abstract]					
LiabilitiesCurrent	Liabilities, Current	Total obligations incurred as part of normal operations that are expected to be paid during the following twelve months or within one business cycle, if longer.				
LiabilitiesCurrentAbstract	Liabilities, Current [Abstract]					
LiabilitiesNoncurrent	Liabilities, Noncurrent	Amount of obligation due after one year or beyond the normal operating cycle, if longer.				
LiabilitiesNoncurrentAbstract	Liabilities, Noncurrent [Abstract]					
LiabilitiesOtherThanLongtermDebtNoncurrent	Liabilities, Other than Long-term Debt, Noncurrent	Aggregated carrying amounts of obligations as of the balance sheet date, excluding long-term debt, incurred as part of the normal operations that are expected to be paid after one year or beyond the normal operating cycle, if longer. Alternate captions include Total Deferred Credits and Other Liabilities.				
LiabilitiesOtherThanLongTermDebtNoncurrentAbstract	Liabilities, Other than Long-term Debt, Noncurrent [Abstract]					

LiabilityInsuranceAbstract	Liability Insurance [Abstract]	Information about Liability Insurance.				
LiabilityInsuranceCertificateAbstract	Liability Insurance Certificate [Abstract]	Information about the liability insurance certificate.				
LiabilityInsuranceCertificateAvailabilityOfDocument	Availability Of Liability Insurance Certificate, Flag	Indicates if the liability insurance certificate is available. If it is available, TRUE; if it is not available, FALSE.				
LiabilityInsuranceCertificateAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Liability Insurance Certificate, Flag	Indicates if there are exceptions to the liability insurance certificate. If there are exceptions, TRUE; if there are no exceptions, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
LiabilityInsuranceCertificateAvailabilityOfFinalDocument	Availability Of Final Liability Insurance Certificate, Flag	Indicates if the liability insurance certificate is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
LiabilityInsuranceCertificateCounterparties	Counterparties To The Liability Insurance Certificate, Names	Names of counterparties to the liability insurance certificate.				
LiabilityInsuranceCertificateDocumentLink	Liability Insurance Certificate, Link	Link to the Liability Insurance Certificate document.				
LiabilityInsuranceCertificateEffectiveDate	Liability Insurance Certificate, Effective Date	Effective date of the liability insurance certificate.				
LiabilityInsuranceCertificateExceptionDescription	Liability Insurance Certificate Exceptions, Description	Description of any exceptions to the liability insurance certificate.				
LiabilityInsuranceCertificateExpirationDate	Liability Insurance Certificate, Expiration Date	Expiration date of the liability insurance certificate.				
LiabilityInsuranceLineItems	Liability Insurance [Line Items]	Used to group information about liability insurance related to the project or the system.				
LiabilityInsuranceTable	Liability Insurance [Table]	Table containing information about liability insurance, which may be required for different participants to the project such as a contractor, subcontractor, or project owner.				
LienWaiverAbstract	Lien Waiver [Abstract]	Information about the lien waiver.				
LienWaiverAvailabilityOfDocument	Availability Of Lien Waiver, Flag	Indicates if the lien waiver is available. If it is available, TRUE; if it is not available, FALSE.				
LienWaiverAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Lien Waiver, Flag	Indicates if there are exceptions to the lien waiver. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
LienWaiverAvailabilityOfFinalDocument	Availability Of Final Lien Waiver, Flag	Indicates if the lien waiver is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
LienWaiverCounterparties	Counterparties To The Lien Waiver, Names	Names of counterparties to the lien waiver.				
LienWaiverDocumentLink	Lien Waiver, Link	Link to the Lien Waiver document.				
LienWaiverEffectiveDate	Lien Waiver, Effective Date	Effective date of the lien waiver.				

LienWaiverExceptionDescription	Lien Waiver Exceptions, Description	Description of any exceptions to the lien waiver.				
LienWaiverExpirationDate	Lien Waiver, Expiration Date	Expiration date of the lien waiver.				
LimitedLiabilityCompanyAgreementAbstract	Limited Liability Company Agreement [Abstract]	Information about the Limited Liability Company Agreement, between the project company, developer and investor.				
LimitedLiabilityCompanyAgreementAvailabilityOfDocument	Availability Of Limited Liability Company Agreement, Flag	Indicates if the Limited Liability Company Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
LimitedLiabilityCompanyAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Limited Liability Company Agreement, Flag	Indicates if there are exceptions to the Limited Liability Company Agreement. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
LimitedLiabilityCompanyAgreementAvailabilityOfFinalDocument	Availability Of Final Limited Liability Company Agreement, Flag	Indicates if the Limited Liability Company Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
LimitedLiabilityCompanyAgreementCapitalContributions	Limited Liability Company Agreement, Capital Contributions, Amount	Amount of money invested in project company by the investor				
LimitedLiabilityCompanyAgreementCashDistributions	Limited Liability Company Agreement, Cash Distributions, Amount	Amount of payments generated by the project company.				
LimitedLiabilityCompanyAgreementCounterparties	Counterparties To The Limited Liability Company Agreement, Names	Names of counterparties to the Limited Liability Company Agreement.				
LimitedLiabilityCompanyAgreementDeficitObligationRestoration	Limited Liability Company Agreement, Deficit Restoration Obligation Available	Confirmation of deficit restoration obligation which is the partners unconditional obligation within the partner agreement to restore any deficit balance in their capital account when the partnership liquidates. If available, TRUE; if not available, FALSE.				
LimitedLiabilityCompanyAgreementDocumentLink	Limited Liability Company Agreement, Link	Link to the Limited Liability Company Agreement document.				
LimitedLiabilityCompanyAgreementEffectiveDate	Limited Liability Company Agreement, Effective Date	Effective date of Limited Liability Company Agreement.				
LimitedLiabilityCompanyAgreementEntity	Limited Liability Company Agreement, Name Of Entity Created	Name of the Project Company entity created by the Limited Liability Company Agreement.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
LimitedLiabilityCompanyAgreementExceptionDescription	Limited Liability Company Agreement Exceptions, Description	Description of any exceptions to the Limited Liability Company Agreement.				
LimitedLiabilityCompanyAgreementExpirationDate	Limited Liability Company Agreement, Expiration Date	Expiration date of the Limited Liability Company Agreement.				
LimitedLiabilityCompanyAgreementFixedTaxAssumptions	Limited Liability Company Agreement, Fixed Tax Assumptions, Percent	Percent of cash distributions to be taxed per the Limited Liability Company Agreement.				
LimitedLiabilityCompanyAgreementIndemnities	Limited Liability Company Agreement, Indemnities, Description	Indemnification section of the Limited Liability Company Agreement.				

LimitedLiabilityCompanyAgreementInitialFundingAmount	Limited Liability Company Agreement, Tax, Investment Tax Credit Allocations To Partners, Amount	Amount of investment tax benefits allocated to partners, including depreciation and Investment Tax Credit.				
LimitedLiabilityCompanyAgreementMembership	Limited Liability Company Agreement, List Of Member Entities	List of member entities in the partnership per the Limited Liability Company Agreement.				
LimitedLiabilityCompanyAgreementPricingParameters	Limited Liability Company Agreement, Pricing Parameters, Description	Description of pricing parameters for the Limited Liability Company Agreement.				
LimitedLiabilityCompanyAgreementPurchaseOptions	Limited Liability Company Agreement, Purchase Option, Description	Description of the purchase option per the Limited Liability Company Agreement.				
LimitedLiabilityCompanyAgreementRegulatoryWithdrawal	Limited Liability Company Agreement, Regulatory Withdrawal, Amount	Regulatory withdrawal amount as noted in the Limited Liability Company Agreement.				
LimitedLiabilityCompanyAgreementReportingByManagingMember	Limited Liability Company Agreement, Reporting Requirements By Managing Member, Description	Description of reporting required by managing member per the Limited Liability Company Agreement.				
LimitedLiabilityCompanyAgreementSponsorCapitalContribution	Limited Liability Company Agreement, Sponsor Capital Contribution, Amount	Amount of sponsor capital contribution from developer.				
LimitedLiabilityCompanyAgreementTaxITCAllocations	Initial Funding In Limited Liability Company Agreement, Amount	Initial funding amount for Limited Liability Company Agreement for partnership flip.				
LimitedLiabilityCompanyLLCOrLimitedPartnershipLPManagingMemberOrGeneralPartnerOwnershipInterest	Limited Liability Company (LLC) or Limited Partnership (LP), Managing Member or General Partner, Ownership Interest	Percentage investment held by the managing member or general partner of the limited liability company (LLC) or limited partnership (LP).				
LLCFormationDocumentLink	LLC Formation, Link	Link to the LLC Formation document.				
LLCFormationDocumentsAbstract	LLC Formation Documents [Abstract]	Information about the LLC Formation Documents for the project.				
LLCFormationDocumentsAvailabilityOfDocument	Availability Of LLC Formation Documents, Flag	Indicates if the LLC Formation Documents is available. If it is available, TRUE; if it is not available, FALSE.				
LLCFormationDocumentsAvailabilityOfDocumentExceptions	Availability Of Exceptions To The LLC Formation Documents, Flag	Indicates if there are exceptions to the LLC Formation Documents or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
LLCFormationDocumentsAvailabilityOfFinalDocument	Availability Of Final LLC Formation Documents, Flag	Indicates if the LLC Formation Documents is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
LLCFormationDocumentsCounterparties	Counterparties To The LLC Formation Documents, Names	Names of counterparties to the LLC Formation Documents.				
LLCFormationDocumentsEffectiveDate	LLC Formation Documents, Effective Date	Effective date of the LLC Formation Documents.				
LLCFormationDocumentsExceptionDescription	LLC Formation Documents Exceptions, Description	Description of any exceptions to the LLC Formation Documents or issues raised.				
LLCFormationDocumentsExpirationDate	LLC Formation Documents, Expiration Date	Expiration date of the LLC Formation Documents.				
LocalIncentiveContractAbstract	Local Incentive Contract [Abstract]	Information about the Local Incentive Contract which can be a state, city or county incentive (not federal). amount, units, description, counterparties, effective date.				

LocalIncentiveContractAmount	Local Incentive Contract, Amount	Amount of the Local Incentive Contract.				
LocalIncentiveContractAvailabilityOfDocument	Availability Of Local Incentive Contract, Flag	Indicates if the Local Incentive Contract is available. If it is available, TRUE; if it is not available, FALSE.				
LocalIncentiveContractAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Local Incentive Contract, Flag	Indicates if there are exceptions to the Local Incentive Contract or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
LocalIncentiveContractAvailabilityOfFinalDocument	Availability Of Final Local Incentive Contract, Flag	Indicates if the Local Incentive Contract is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
LocalIncentiveContractCounterparties	Counterparties To The Local Incentive Contract, Names	Names of counterparties to the Local Incentive Contract.				
LocalIncentiveContractDescription	Local Incentive Contract, Description	Description of the Local Incentive Contract.				
LocalIncentiveContractDocumentLink	Local Incentive Contract, Link	Link to the Local Incentive Contract document.				
LocalIncentiveContractEffectiveDate	Local Incentive Contract, Effective Date	Effective date of the Local Incentive Contract.				
LocalIncentiveContractExceptionDescription	Local Incentive Contract Exceptions, Description	Description of any exceptions to the Local Incentive Contract or issues raised.				
LocalIncentiveContractExpirationDate	Local Incentive Contract, Expiration Date	Expiration date of the Local Incentive Contract.				
LocalIncentiveContractJurisdiction	Local Incentive Contract, Jurisdiction	Name of the local jurisdiction providing the incentive which could be state, city, or county.				
LocalIncentiveContractNumberOfUnits	Local Incentive Contract, Number Of Units	Number of units of the Local Incentive Contract.				
LoggerCommunicationProtocol	Logger Communication Protocol	Description of the communication protocol of the logger.				
LoggerMember	Logger [Member]	Logger equipment.				
LongTermDebtAndCapitalLeaseObligations	Long-term Debt and Capital Lease Obligations	Amount of long-term debt and capital lease obligation due after one year or beyond the normal operating cycle, if longer.				
LongTermDebtAndCapitalLeaseObligationsAbstract	Long-term Debt and Capital Lease Obligations [Abstract]					
LongTermDebtNoncurrent	Long-term Debt, Excluding Current Maturities	Amount after unamortized (discount) premium and debt issuance costs of long-term debt classified as noncurrent and excluding amounts to be repaid within one year or the normal operating cycle, if longer. Includes, but not limited to, notes payable, bonds payable, debentures, mortgage loans and commercial paper. Excludes capital lease obligations.				

LossFactorCalculationType	Loss Factor, Calculation Type	Identifies how loss factor is expressed, for example as 1 - Loss or as Loss.				
LossFactorDetailsLineItems	Loss Factor Details [Line Items]	Used to group information about the Loss Factor.				
LossFactorIdentifierAxis	Loss Factor Identifier [Axis]	Used as the identifier for the Loss Factor.				
LossFactorIdentifierDomain	Loss Factor Identifier [Domain]	Used as the identifier for the Loss Factor.				
LossFactorName	Loss Factor, Name	Name for loss factor, for example soiling loss, snow loss, shading loss.				
LossFactorPercent	Loss Factor, Percent	Percent loss reported value.				
LossFactorTable	Loss Factor [Table]	Represents information about loss factors associated with a specific energy budget. For example, loss due to soiling or snow. Data reported can include type, method of calculating and percent loss.				
MaintenanceCostNoWarrantyBalanceOfSystem	Component Maintenance Cost (No Warranty) Balance of System (BOS), Amount	Maintenance cost of balance of system (BOS) with no warranty. BOS includes everything in addition to solar panels and inverters.				
MaintenanceCostNoWarrantyCombinerBox	Component Maintenance Cost (No Warranty) Combiner Box, Amount	Maintenance cost of combiner box with no warranty.(\$/Year-kWdc)				
MaintenanceCostNoWarrantyDataAcquisitionSystem	Component Maintenance Cost (No Warranty) Data Acquisition System, Amount	Maintenance cost of Data Acquisition System with no warranty.				
MaintenanceCostNoWarrantyInverter	Component Maintenance Cost (No Warranty) Inverter, Amount	Maintenance cost of inverter with no warranty.				
MaintenanceCostNoWarrantyMediumVolltagement	Component Maintenance Cost (No Warranty) Medium Voltage equipment, Amount	Maintenance cost of Medium Voltage with no warranty.				
MaintenanceCostNoWarrantyMetStation	Component Maintenance Cost (No Warranty) Met Station, Amount	Maintenance cost of Met station with no warranty.				
MaintenanceCostNoWarrantyModule	Component Maintenance Cost (No Warranty) Module, Amount	Maintenance cost of Module with no warranty.				
MaintenanceCostNoWarrantyOAndMBuilding	Component Maintenance Cost (No Warranty) Operations And Maintenance Cost Building, Amount	Maintenance cost of Operations and Maintenance building with no warranty.				
MaintenanceCostNoWarrantyOther	Component Maintenance Cost (No Warranty) Other, Amount	Maintenance cost of other with no warranty.				
MaintenanceCostNoWarrantyRackingTracker	Component Maintenance Cost (No Warranty) Racking Tracker, Amount	Maintenance cost of racking tracker with no warranty.				
MaintenanceCostNoWarrantyRoads	Component Maintenance Cost (No Warranty) Roads, Amount	Maintenance cost of roads with no warranty.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
-----------------------	-----------------------------	------------	--------	--------------------	---------------------------------	---------------------------------

MaintenanceCostNoWarrantySCADA	Component Maintenance Cost (No Warranty) SCADA System, Amount	Maintenance cost of SCADA system with no warranty.				
MaintenanceCostNoWarrantySignage	Component Maintenance Cost (No Equipment Warranty) Signage, Amount	Maintenance cost of signage with no warranty.				
MaintenanceCostNoWarrantySubstation	Component Maintenance Cost (No Warranty) Substation, Amount	Maintenance cost of substation with no warranty.				
MaintenanceCostNoWarrantyWiringConduit	Component Maintenance Cost (No Warranty) Wiring Conduit, Amount	Maintenance cost of wiring conduit with no warranty.				
MaintenanceCostUnderWarrantyBalanceOfSystem	Component Maintenance Cost (Under Warranty) Balance Of System (BOS), Amount	Maintenance cost of balance of system (BOS) under warranty.				
MaintenanceCostUnderWarrantyCombinerBox	Component Maintenance Cost (Under Warranty) Combiner Box, Amount	Maintenance cost of combiner box under warranty.				
MaintenanceCostUnderWarrantyDASSCADATelecomm	Component Maintenance Cost (Under Warranty) DAS SCADA Telecomm, Amount	Maintenance cost of DAS SCADA Telecomm under warranty.				
MaintenanceCostUnderWarrantyInverter	Component Maintenance Cost (Under Warranty) Inverter, Amount	Maintenance cost of inverter under warranty.				
MaintenanceCostUnderWarrantyMediumVoltageEquipment	Component Maintenance Cost (Under Warranty) Medium Voltage equipment, Amount	Maintenance cost of Medium Voltage equipment under warranty.				
MaintenanceCostUnderWarrantyMetStation	Component Maintenance Cost (Under Warranty) Met Station, Amount	Maintenance cost of Met station under warranty.				
MaintenanceCostUnderWarrantyModule	Component Maintenance Cost (Under Warranty) Module, Amount	Maintenance cost of Module under warranty.				
MaintenanceCostUnderWarrantyOAndMBuilding	Component Maintenance Cost (Under Warranty) Operations And Maintenance Cost Building, Amount	Maintenance cost of Operations and Maintenance building under warranty.				
MaintenanceCostUnderWarrantyOther	Component Maintenance Cost (Under Warranty) Other, Amount	Maintenance cost of other equipment under warranty.				
MaintenanceCostUnderWarrantyRackingTracker	Component Maintenance Cost (Under Warranty) Racking/Tracker, Amount	Maintenance cost of racking tracker under warranty.				
MaintenanceCostUnderWarrantyRoads	Component Maintenance Cost (Under Warranty) Roads, Amount	Maintenance cost of roads under warranty.				
MaintenanceCostUnderWarrantySignage	Component Maintenance Cost (Under Warranty) Signage, Amount	Maintenance cost of signage under warranty.				
MaintenanceCostUnderWarrantySubstation	Component Maintenance Cost (Under Warranty) Substation, Amount	Maintenance cost of substation under warranty.				
MaintenanceCostUnderWarrantyWiringConduit	Component Maintenance Cost (Under Warranty) Wiring Conduit, Amount	Maintenance cost of wiringconduit under warranty.				
ManualLink	Device Listing Manual, Link	Link to the device manual.				
ManufactureDate	Device Listing, Manufacture Date	Manufacture date of the device.				

MasterLeaseAgreementAbstract	Master Lease [Abstract]	Information about the master lease.				
MasterLeaseAvailabilityOfDocument	Availability Of Master Lease, Flag	Indicates if the Master Lease is available. If it is available, TRUE; if it is not available, FALSE.				
MasterLeaseAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Master Lease, Flag	Indicates if there are exceptions to the Master Lease. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
MasterLeaseAvailabilityOfFinalDocument	Availability Of Final Master Lease, Flag	Indicates if the Master Lease is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
MasterLeaseCounterparties	Counterparties To The Master Lease, Names	Names of counterparties to the Master Lease.				
MasterLeaseDocumentLink	Master Lease, Link	Link to the Master Lease document.				
MasterLeaseEffectiveDate	Master Lease, Effective Date	Effective date of the Master Lease.				
MasterLeaseExceptionDescription	Master Lease Exceptions, Description	Description of any exceptions to the Master Lease.				
MasterLeaseExpirationDate	Master Lease, Expiration Date	Expiration date of the Master Lease.				
MasterLeaseFundCompanyMasterLessee	Master Lease, Fund Company or Master Lessee	Name of the fund company or master lessee in the Master Lease.				
MasterLeaseLiabilityInsuranceProviderAMBestQualityRating	Master Lease, Liability Insurance Provider Required AM Best Quality Rating	AM Best Quality Rating required by the liability insurance provider in the Master Lease.				
MasterLeaseLiabilityInsuranceProviderAMBestSizeRating	Master Lease, Liability Insurance Provider Required AM Best Size Rating	AM Best Size Rating required by the liability insurance provider in the Master Lease.				
MasterLeaseOwnerParticipant	Master Lease, Owner Participant	Name of owner participant in the Master Lease.				
MasterLeasePropertyInsuranceProviderAMBestQualityRating	Master Lease, Property Insurance Provider Required AM Best Quality Rating	AM Best Quality Rating required by the property insurance provider in the Master Lease.				
MasterLesseeCollateralAgencyAgreementAbstract	Master Lessee Collateral Agency Agreement [Abstract]	Information about the Master Lessee Collateral Agency Agreement for the project.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
MasterLesseeCollateralAgencyAgreementAvailabilityOfDocument	Availability Of Master Lessee Collateral Agency Agreement, Flag	Indicates if the Master Lessee Collateral Agency Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
MasterLesseeCollateralAgencyAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Master Lessee Collateral Agency Agreement, Flag	Indicates if there are exceptions to the Master Lessee Collateral Agency Agreement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
MasterLesseeCollateralAgencyAgreementAvailabilityOfFinalDocument	Availability Of Final Master Lessee Collateral Agency Agreement, Flag	Indicates if the Master Lessee Collateral Agency Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				

MasterLesseeCollateralAgencyAgreementCounterparties	Counterparties To The Master Lessee Collateral Agency Agreement, Names	Names of counterparties to the Master Lessee Collateral Agency Agreement.				
MasterLesseeCollateralAgencyAgreementEffectiveDate	Master Lessee Collateral Agency Agreement, Effective Date	Effective date of the Master Lessee Collateral Agency Agreement.				
MasterLesseeCollateralAgencyAgreementExceptionDescription	Master Lessee Collateral Agency Agreement Exceptions, Description	Description of any exceptions to the Master Lessee Collateral Agency Agreement or issues raised.				
MasterLesseeCollateralAgencyAgreementExpirationDate	Master Lessee Collateral Agency Agreement, Expiration Date	Expiration date of the Master Lessee Collateral Agency Agreement.				
MasterLesseeCollateralAgencyAgreementLink	Master Lessee Collateral Agency Agreement, Link	Link to the Master Lessee Collateral Agency Agreement document.				
MasterLesseeSecurityAgreementAbstract	Master Lessee Security Agreement [Abstract]	Information about the Master Lessee Security Agreement for the project.				
MasterLesseeSecurityAgreementAvailabilityOfDocument	Availability Of Master Lessee Security Agreement, Flag	Indicates if the Master Lessee Security Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
MasterLesseeSecurityAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Master Lessee Security Agreement, Flag	Indicates if there are exceptions to the Master Lessee Security Agreement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
MasterLesseeSecurityAgreementAvailabilityOfFinalDocument	Availability Of Final Master Lessee Security Agreement, Flag	Indicates if the Master Lessee Security Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
MasterLesseeSecurityAgreementCounterparties	Counterparties To The Master Lessee Security Agreement, Names	Names of counterparties to the Master Lessee Security Agreement.				
MasterLesseeSecurityAgreementDocumentLink	Master Lessee Security Agreement, Link	Link to the Master Lessee Security Agreement document.				
MasterLesseeSecurityAgreementEffectiveDate	Master Lessee Security Agreement, Effective Date	Effective date of the Master Lessee Security Agreement.				
MasterLesseeSecurityAgreementExceptionDescription	Master Lessee Security Agreement Exceptions, Description	Description of any exceptions to the Master Lessee Security Agreement or issues raised.				
MasterLesseeSecurityAgreementExpirationDate	Master Lessee Security Agreement, Expiration Date	Expiration date of the Master Lessee Security Agreement.				
MasterPurchaseAgreementAbstract	Master Purchase Agreement [Abstract]	Information about the Master Purchase Agreement between developer and investor to purchase the project from the developer.				
MasterPurchaseAgreementAssetsDescription	Master Purchase Agreement, Assets, Description	Description of the assets that will be sold to the investor by the developer within the Master Purchase Agreement.				
MasterPurchaseAgreementAvailabilityOfDocument	Availability Of Master Purchase Agreement, Flag	Indicates if the Master Purchase Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
MasterPurchaseAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Master Purchase Agreement, Flag	Indicates if there are exceptions to the Master Purchase Agreement. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
MasterPurchaseAgreementAvailabilityOfFinalDocument	Availability Of Final Master Purchase Agreement, Flag	Indicates if the Master Purchase Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				

MasterPurchaseAgreementBuyer	Master Purchase Agreement, Investor	Name of the buyer (investor) in the Master Purchase Agreement which covers the agreement of the developer to sell the assets to the investor.				
------------------------------	-------------------------------------	---	--	--	--	--

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
MasterPurchaseAgreementCommitmentPeriod	Master Purchase Agreement, Commitment Period, Start Date	Start date of the commitment period in the Master Purchase Agreement which covers the agreement of the developer to sell the assets to the investor.				
MasterPurchaseAgreementCompletionCovenant	Master Purchase Agreement, Completion Covenant, Description	Completion covenant in the Master Purchase Agreement, which covers the agreement of the developer to sell the assets to the investor.				
MasterPurchaseAgreementConditionsPrecedent	Master Purchase Agreement, Conditions Precedent to Execution, Description	Description of conditions precedent to executing the Master Purchase Agreement, which covers the agreement of the developer to sell the assets to the investor.				
MasterPurchaseAgreementCounterparties	Counterparties To The Master Purchase Agreement, Names	Names of counterparties to the Master Purchase Agreement.				
MasterPurchaseAgreementDocumentLink	Master Purchase Agreement, Link	Link to the Master Purchase Agreement document.				
MasterPurchaseAgreementEffectiveDate	Master Purchase Agreement, Effective Date	Effective date of the Master Purchase Agreement, which covers the agreement of the developer to sell the assets to the investor.				
MasterPurchaseAgreementExceptionDescription	Master Purchase Agreement Exceptions, Description	Description of any exceptions to the Master Purchase Agreement.				
MasterPurchaseAgreementExpirationDate	Master Purchase Agreement, Expiration Date	Expiration date of the Master Purchase Agreement.				
MasterPurchaseAgreementIndemnities	Master Purchase Agreement, Indemnities, Description	Indemnification section of the Master Purchase Agreement which covers the agreement of the developer to sell the assets to the investor.				
MasterPurchaseAgreementPurchasePrice	Master Purchase Agreement, Purchase Price	Purchase price of the project company in the Master Purchase Agreement which covers the agreement of the developer to sell the assets to the investor.				
MasterPurchaseAgreementSeller	Master Purchase Agreement, Seller	Name of the seller (developer) in the Master Purchase Agreement which covers the agreement of the developer to sell the assets to the investor.				
MasterPurchaseAgreementSpecialCovenants	Master Purchase Agreement, Special Covenants, Description	Description of special covenants in the Master Purchase Agreement which covers the agreement of the developer to sell the assets to the investor.				
MasterPurchaseAgreementSpecialRepsAndWarranties	Master Purchase Agreement, Special Reps and Warranties, Description	Description of special reps and warranties in the Master Purchase Agreement, which covers the agreement of the developer to sell the assets to the investor.				
MasterServicesAgreementAbstract	Master Services Agreement [Abstract]	Information in the Master Services Agreement between the asset manager and the project company.				
MasterServicesAgreementAdministrator	Master Services Agreement, Administrator	Name of organization serving as administrator to the Master Services Agreement.				
MasterServicesAgreementAvailabilityOfDocument	Availability Of Master Services Agreement, Flag	Indicates if the Master Services Agreement is available. If it is available, TRUE; if it is not available, FALSE.				

MasterServicesAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Master Services Agreement, Flag	Indicates if there are exceptions to the Master Services Agreement. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
MasterServicesAgreementAvailabilityOfFinalDocument	Availability Of Final Master Services Agreement, Flag	Indicates if the Master Services Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
MasterServicesAgreementBudget	Master Services Agreement, Budgeted Amount	Budgeted annual amount of the Master Service Agreement paid to asset manager from Project Company.				
MasterServicesAgreementCounterparties	Counterparties To The Master Services Agreement, Names	Names of counterparties to the Master Services Agreement.				
MasterServicesAgreementDocumentLink	Master Services Agreement, Link	Link to the Master Services Agreement document.				
MasterServicesAgreementEffectiveDate	Master Services Agreement, Effective Date	Effective date of the Master Services Agreement.				
MasterServicesAgreementExceptionDescription	Master Services Agreement Exceptions, Description	Description of any exceptions to the Master Services Agreement.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
MasterServicesAgreementFees	Master Services Agreement, Fees, Amount	Amount of fees in the Master Services Agreement.				
MasterServicesAgreementLimitationOfLiability	Master Services Agreement, Limitation of Liability, Description	Description of limitation of liability in the Master Services Agreement.				
MasterServicesAgreementScopeOfWork	Master Services Agreement, Scope of Work, Description	Description of scope of work in the Master Services Agreement.				
MasterServicesAgreementTerm	Master Services Agreement, Term	Term of the Master Services Agreement. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
MasterServicesAgreementTerminationDate	Master Services Agreement, Termination Date	Termination date of the Master Services Agreement.				
MasterServicesAgreementType	Master Services Agreement, Stand Alone Or Inclusive	Description of the type of Master Services Agreement which can be a stand-alone agreement, or can include the Operations and Maintenance Contract or can include the Asset Management Agreement or can include both the Operations and Maintenance and Asset Management Agreement.				
MaximumContinuousOutputPowerDataFor180Minutes	Maximum Continuous Output Power Data For 180 Minutes, Flag	Indication if the MCOP (Maximum Continuous Output Power) measured data provided for at least 180 minutes at minimum intervals of 5 minutes. If it was, TRUE; if it was not, FALSE.				

MaximumPercentThresholdForPaymentOfGuarantee	Minimum Threshold for Guarantee Payment, Percent	Maximum percent loss at which a refund will be paid which effectively puts a cap on the amount of refund. For example, if a guarantee specifies that a refund will be made when output falls between 95% and 98%, and the output falls to 97%, the refunded amount will be based on 97%. If the loss falls to 94%, the loss will be based on the maximum allowable amount at 95%. 95% is the maximum threshold for payment. Other penalties may apply if the loss falls below the threshold.				
MeasuredEnergyAbstract	Measured Energy [Abstract]	Information about measured energy related to the system.				
MeasuredEnergyAvailabilityBalanceOfSystemIssues	Measured Energy Availability Balance Of System Issues, Percent	Measured energy availability for the indicated time period due to issues with Balance of Plant (BOP) components calculated as the ratio of the total energy that could have been produced minus the energy lost due to BOP issues divided by the total energy that could have been produced.				
MeasuredEnergyAvailabilitySingleTurbine	Measured Energy Availability Single Turbine Issues, Percent	Measured energy availability for the indicated time period due to issues with the single wind turbine indicated calculated as the ratio of the total energy that could have been produced minus the energy lost due to turbine issues divided by the total energy that could have been produced.				
MeasuredEnergyAvailabilityTurbineIssues	Measured Energy Availability Turbine Issues, Percent	Measured energy availability for the indicated time period due to issues with wind turbines on an entire wind farm calculated as the ratio of the total energy that could have been produced minus the energy lost due to turbine issues divided by the total energy that could have been produced.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
MeasuredEnergyAverageForPeriod	Measured Average Energy Production for Period	Computed average energy production for the period defined on the PeriodAxis over all years of operation since activation date in kWh. To record the average energy for Q1 for example this element would be used with the PeriodFirstQuarterMember on the Period Axis. If the period axis is not used this represents the energy over all years of operation since Activation Date (in kWh).				
MeasuredEnergyLossDueToInverterIssues	Measured Energy Loss Due To Inverter Issues, Amount	Actual (measured) amount of energy lost due to inverter issues.				
MeasuredEnergyLossDueToSoiling	Measured Energy Loss Due To Soiling, Amount	Actual (measured) amount of energy lost due to soiling.				
MeasuredEnergyToWeatherAdjusted	Measured Energy To Weather Adjusted, Percent	Ratio of measured energy to measured energy adjusted for weather.				
MeasuredEnergyWeatherAdjusted	Measured Energy Weather Adjusted, Amount	Energy generated over reporting period adjusted for the difference between measured weather conditions, e.g., irradiance and temperature, and expected weather conditions for the same period during the Typical Meteorological Year or the equivalent used to predict P50 energy generation and the expected degradation rate.				

MeasuredEnergyWeatherAdjustedAverageForPeriod	Measured Average Weather Adjusted Energy Production For Period	Computed average energy generated for the period, adjusted for the difference between measured weather conditions, e.g., irradiance and temperature, and expected weather conditions for the same period during the Typical Meteorological Year or the equivalent used to predict P50 energy generation and the expected degradation rate. The period is defined on the PeriodAxis over all years of operation since activation date in kWh. To record the average energy for Q1 for example this element would be used with the PeriodFirstQuarterMember on the Period Axis. If the period axis is not used this represents the energy over all years of operation since Activation Date (in kWh).				
MeasuredInsolation	Measured Insolation	Actual measured insolation generated in kWh per square meter for a specific duration of time. This is used to measure the insolation from one date to another date. This differs from the element SystemPerformanceMeasuredInsolationAverage which is used to measure system performance from activation date to the current date and can be reported by dividing by periods such as months and quarters or years.				
MeasuredInsolationAverage	Measured Average Insolation For Period	Computed average insolation, for the period defined on the PeriodAxis over all years of operation since activation date in kWh/square meter. To record the average insolation for Q1 for example this element would be used with the PeriodFirstQuarterMember on the Period Axis. If the period axis is not used this represents the insolation over the entire life of the project from activation date up to the contextual date.				
MeasuredInsolationAvgMonthlyInceptionToDate-REMOVED	Measured Average Monthly Insolation, Inception To Date	Computed average monthly insolation, since activation date in kWh/square meter.				
MeasuredInsolationToWeatherAdjusted	Measured Insolation To Weather Adjusted Insolation, Percent	Actual measured insolation divided by weather adjusted insolation.				
MeasuredInsolationToWeatherAdjustedInceptionToDate	Measured Insolation To Weather Adjusted Insolation, Inception To Date, Percent	Actual measured insolation divided by weather adjusted insolation inception to date.				
MechanicalCompletionCertificateDocumentLink	Mechanical Completion Certificate, Link	Link to the Mechanical Completion Certificate document.				
MechanicalCompletionReviewCommissioningTestGroundingContinuityMember	Mechanical Completion Review Commissioning Test Grounding Continuity [Member]	Mechanical completion review - check for commissioning tests on grounding continuity.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
MechanicalCompletionReviewCommissioningTestMeggerTestingMember	Mechanical Completion Review Commissioning Test Megger Testing [Member]	Mechanical completion review - check for commissioning tests on megger testing.				
MechanicalCompletionReviewCommissioningTestOpenCircuitVoltageMember	Mechanical Completion Review Commissioning Test Open Circuit Voltage [Member]	Mechanical completion review - check for commissioning tests on open circuit voltage and short circuit current testing or the equivalent such as a full coverage IV curve tracer kit or module or system-level infrared imaging audit (if interconnected).				

MechanicalCompletionReviewCommissioningTestStringPolarityMember	Mechanical Completion Review Commissioning Test String Polarity [Member]	Mechanical completion review - check for commissioning test for string polarity, if not already covered in short circuit current testing.				
MechanicalCompletionReviewEquipmentConfirmationMember	Mechanical Completion Review Equipment Confirmation [Member]	Mechanical completion review - check for confirmation all major equipment has been installed per plan including substations.				
MechanicalCompletionCertificateAbstract	Mechanical Completion Certificate [Abstract]	Information about the Mechanical Completion Certificate which is issued by the engineer to indicate that all equipment has been installed.				
MechanicalCompletionCertificateAvailabilityOfDocument	Availability Of Mechanical Completion Certificate, Flag	Indicates if the Mechanical Completion Certificate is available. If it is available, TRUE; if it is not available, FALSE.				
MechanicalCompletionCertificateAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Mechanical Completion Certificate, Flag	Indicates if there are exceptions to the Mechanical Completion Certificate. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
MechanicalCompletionCertificateAvailabilityOfFinalDocument	Availability Of Final Mechanical Completion Certificate, Flag	Indicates if the Mechanical Completion Certificate is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
MechanicalCompletionCertificateCounterparties	Counterparties To The Mechanical Completion Certificate, Names	Names of counterparties to the Mechanical Completion Certificate.				
MechanicalCompletionCertificateEffectiveDate	Mechanical Completion Certificate, Effective Date	Effective date of the Mechanical Completion Certificate.				
MechanicalCompletionCertificateExceptionDescription	Mechanical Completion Certificate Exceptions, Description	Description of any exceptions to the Mechanical Completion Certificate.				
MembersEquity	Members' Equity	Amount of ownership interest in limited liability company (LLC), attributable to the parent entity.				
MembershipCertificateOfLesseeAbstract	Membership Certificate Of Lessee [Abstract]	Information about the Membership Certificate of Lessee for the project.				
MembershipCertificateOfLesseeAvailabilityOfDocument	Availability Of Membership Certificate Of Lessee, Flag	Indicates if the Membership Certificate of Lessee is available. If it is available, TRUE; if it is not available, FALSE.				
MembershipCertificateOfLesseeAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Membership Certificate Of Lessee, Flag	Indicates if there are exceptions to the Membership Certificate of Lessee or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
MembershipCertificateOfLesseeAvailabilityOfFinalDocument	Availability Of Final Membership Certificate Of Lessee, Flag	Indicates if the Membership Certificate of Lessee is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
MembershipCertificateOfLesseeCounterparties	Counterparties To The Membership Certificate Of Lessee, Names	Names of counterparties to the Membership Certificate of Lessee.				
MembershipCertificateOfLesseeDocumentLink	Membership Certificate Of Lessee, Link	Link to the Membership Certificate Of Lessee document.				
MembershipCertificateOfLesseeEffectiveDate	Membership Certificate Of Lessee, Effective Date	Effective date of the Membership Certificate of Lessee.				
MembershipCertificateOfLesseeExceptionDescription	Membership Certificate Of Lessee Exceptions, Description	Description of any exceptions to the Membership Certificate of Lessee or issues raised.				
MembershipCertificateOfLesseeExpirationDate	Membership Certificate Of Lessee, Expiration Date	Expiration date of the Membership Certificate of Lessee.				

MembershipCertificateOfLesseeLink	Membership Certificate Of Lessee, Link	Link to the Membership Certificate Of Lessee document.				
MembershipCertificateOfMasterLesseeAbstract	Membership Certificate Of Master Lessee [Abstract]	Information about the Membership Certificate of Master Lessee for the project.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
MembershipCertificateOfMasterLesseeAvailabilityOfDocument	Availability Of Membership Certificate Of Master Lessee, Flag	Indicates if the Membership Certificate of Master Lessee is available. If it is available, TRUE; if it is not available, FALSE.				
MembershipCertificateOfMasterLesseeAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Membership Certificate Of Master Lessee, Flag	Indicates if there are exceptions to the Membership Certificate of Master Lessee or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
MembershipCertificateOfMasterLesseeAvailabilityOfFinalDocument	Availability Of Final Membership Certificate Of Master Lessee, Flag	Indicates if the Membership Certificate of Master Lessee is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
MembershipCertificateOfMasterLesseeCounterparties	Counterparties To The Membership Certificate Of Master Lessee, Names	Names of counterparties to the Membership Certificate of Master Lessee.				
MembershipCertificateOfMasterLesseeEffectiveDate	Membership Certificate Of Master Lessee, Effective Date	Effective date of the Membership Certificate of Master Lessee.				
MembershipCertificateOfMasterLesseeExceptionDescription	Membership Certificate Of Master Lessee Exceptions, Description	Description of any exceptions to the Membership Certificate of Master Lessee or issues raised.				
MembershipCertificateOfMasterLesseeExpirationDate	Membership Certificate Of Master Lessee, Expiration Date	Expiration date of the Membership Certificate of Master Lessee.				
MembershipCertificateOfMasterLesseeLink	Membership Certificate Of Master Lessee, Link	Link to the Membership Certificate of Master Lessee document.				
MembershipInterestPurchaseAgreementAbstract	Membership Interest Purchase Agreement [Abstract]	Information about a Membership Interest Purchase Agreement which describes ownership in the Limited Liability Company (LLC).				
MembershipInterestPurchaseAgreementAvailabilityOfDocument	Availability Of Membership Interest Purchase Agreement, Flag	Indicates if the Membership Interest Purchase Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
MembershipInterestPurchaseAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Membership Interest Purchase Agreement, Flag	Indicates if there are exceptions to the Membership Interest Purchase Agreement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
MembershipInterestPurchaseAgreementAvailabilityOfFinalDocument	Availability Of Final Membership Interest Purchase Agreement, Flag	Indicates if the Membership Interest Purchase Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
MembershipInterestPurchaseAgreementCounterparties	Counterparties To The Membership Interest Purchase Agreement, Names	Names of counterparties to the Membership Interest Purchase Agreement.				
MembershipInterestPurchaseAgreementDocumentLink	Membership Interest Purchase Agreement, Link	Link to the Membership Interest Purchase Agreement document.				
MembershipInterestPurchaseAgreementEffectiveDate	Membership Interest Purchase Agreement, Effective Date	Effective date of the Membership Interest Purchase Agreement.				
MembershipInterestPurchaseAgreementExceptionDescription	Membership Interest Purchase Agreement Exceptions, Description	Description of any exceptions to the Membership Interest Purchase Agreement or issues raised.				

MembershipInterestPurchaseAgreementExpirationDate	Membership Interest Purchase Agreement, Expiration Date	Expiration date of the Membership Interest Purchase Agreement.				
MeterBidirectional	Meter Bidirectional, Flag	Indication as to whether the meter is bidirectional. If it is bidirectional, TRUE; if not bidirectional, FALSE.				
MeterDisplayType	Meter Display Type, Description	Description of the meter display type, for example, LCD, digital, cyclometer.				
MeterMeetsPBIEligibility	Meter Meets PBI Eligibility, Flag	Indicates if the meter meets Performance Based Incentive Program eligibility with certificate documenting accuracy to less than 2%. If it does, TRUE; if it does not, FALSE.				
MeterMember	Meter [Member]	Meter equipment.				
MeterRatingAccuracy	Meter Rating Accuracy, Percent	Uncertainty of the energy measurement (stated as +/- percent).				
MeterRevenueGrade	Meter Revenue Grade, Flag	Indication as to whether the meter is revenue grade. If it is revenue grade, TRUE; if not revenue grade, FALSE.				
MetStationDescription	Meteorological Station, Description	Description of the meteorological station.				
MetStationDescriptionOfPyranometer	Pyranometer, Description	Description of the Pyranometer to measure solar radiation flux density.				
MetStationLocation	Met Station Location, Description	Description of the location of the met station.				
MetStationMember	MetStation [Member]	Met Station equipment.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
MetStationModelNumberOfPyranometer	Pyranometer, Model Number	Model number of Pyranometer to measure solar radiation flux density.				
MetStationNumberOfUnits	Met Station, Number of Stations	Number of meteorological stations.				
MicointervertsAttachedtoModuleBacksheetWithAdhesive	Micointerver Is Attached to Module Backsheet With Adhesive, Flag	Indication if the microinverter is attached to the module backsheet with adhesive. If it was, TRUE; if it was not, FALSE.				
MinimumOutputGuaranteedPercent	Minimum Output Guaranteed, Percent	Minimum percent of P50 expected energy production output guaranteed such that if output falls below that level, a refund will be made. For example, if output is guaranteed to be 98% or higher, the minimum threshold is 98%. If output falls below 98%, a refund will be made.				
MismatchModelFactorTMMPercent	Mismatch Model Factor, Typical Met Month, Percent	Percentage of kWh lost due to module array mismatch, for a typical meteorological month, calculation based on major design/energy production model used.				
MismatchModelFactorTMYPercent	Mismatch Model Factor, Typical Met Year, Percent	Percentage of kWh lost due to module array mismatch, for a typical meteorological year, calculation based on major design/energy production model used.				

ModelACSystemLoss	Energy Production Model AC System Loss, Amount	Expected annualized loss due to AC system efficiency based on major design/energy production model used.				
ModelAmbientTemperature	Model Ambient Temperature	Ambient temperature of the site on a given date based on major design/energy production model used. Can be reported as Celsius or Fahrenheit by the preparer when specifying units in the instance document.				
ModelAvailabilityLoss	Model Availability Loss, Amount	Expected annualized loss due to downtime of system and/or major components based on major design/energy production model used.				
ModelAverageAmbientTemperature	Model Average Ambient Temperature	Average Ambient temperature of the site over a given time period based on major design/energy production model used. Can be reported as Celsius or Fahrenheit by the preparer when specifying units in the instance document.				
ModelClippingLoss	Model Clipping Loss, Amount	Expected annualized loss due to clipping at a maximum AC capacity (inverter or system clipping) based on major design/energy production model used.				
ModelFirstYearModuleDegradationLoss	Model First Year Module Degradation Loss, Amount	Expected annual DC capacity degradation on the module-level in the first year based on major design/energy production model used.				
ModelFirstYearProjectDegradationLoss	Model First Year Project Degradation Loss, Amount	Expected annual AC capacity degradation on the project-level in the first year based on major design/energy production model used.				
ModelHorizonShadingLoss	Model Horizon Shading Loss, Amount	Expected annualized loss due to horizon shading based on major design/energy production model used.				
ModelImperfectInverterMaximumPowerPoint	Model Imperfect Inverter Maximum Power Point Tracking Loss, Amount	Expected annualized loss due to inverter maximum power point tracking performance based on major design/energy production model used.				
ModelIncidentAngleModifierLoss	Model Incident Angle Modifier Loss, Amount	Expected annualized loss due to irradiance incident angle on modules based on major design/energy production model used.				
ModelInverterLoss	Model Inverter Loss, Amount	Expected annualized loss due to inverter efficiency based on major design/energy production model used.				
ModelLowIrradianceLoss	Model Low Irradiance Loss, Amount	Expected annualized loss due to low irradiance based on major design/energy production model used.				
ModelModuleOrientationLoss	Model Module Orientation Loss, Amount	Expected annualized loss due to module orientation based on major design/energy production model used.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ModelModuleQualityLoss	Model Module Quality Loss, Amount	Expected annualized loss due to real module capacity based on flash test results or assumed difference from nameplate capacity based on major design/energy production model used.				
ModelOngoingModuleDegradationLossFactorModel	Model Ongoing Module Degradation Loss, Amount	Expected annualized DC capacity degradation on the module-level after the first year based on major design/energy production model used.				
ModelOngoingProjectDegradationLoss	Model Ongoing Project Degradation Loss, Amount	Expected annualized AC capacity degradation on the project-level after the first year based on major design/energy production model used.				
ModelParasiticLoad	Model Parasitic Load, Amount	Energy consumed by the project, kWh per time period based on major design/energy production model used.				

ModelReferenceCellIrradiance	Model Reference Cell Irradiance	Irradiance of the reference cell (light sensor) used in the model.				
ModelReferenceCellTemperature	Model Reference Cell Temperature	Temperature of reference cell used for the model. Can be reported as Celsius or Fahrenheit by the preparer when specifying units in the instance document.				
ModelRelativeHumidity	Model Relative Humidity, Percent	Relative humidity percent used for the model, which measures the current absolute humidity relative to the maximum for that temperature.				
ModelTemperatureLossFactorModel	Model Temperature Loss, Amount	Expected annualized loss due to module temperature based on major design/energy production model used.				
ModuleAcceleratedAgeTestReportAgreementAbstract	Module Accelerated Age Test Report [Abstract]	Information about the Module Accelerated Age Test Report which covers results from an independent test on the modules.				
ModuleAcceleratedAgeTestReportAgreementAvailabilityOfDocument	Availability Of Module Accelerated Age Test Report, Flag	Indicates if the Module Accelerated Age Test Report is available. If it is available, TRUE; if it is not available, FALSE.				
ModuleAcceleratedAgeTestReportAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Module Accelerated Age Test Report, Flag	Indicates if there are exceptions to the Module Accelerated Age Test Report. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
ModuleAcceleratedAgeTestReportAgreementAvailabilityOfFinalDocument	Availability Of Final Module Accelerated Age Test Report, Flag	Indicates if the Module Accelerated Age Test Report is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
ModuleAcceleratedAgeTestReportAgreementCounterparties	Counterparties To The Module Accelerated Age Test Report, Names	Names of counterparties to the Module Accelerated Age Test Report.				
ModuleAcceleratedAgeTestReportAgreementEffectiveDate	Module Accelerated Age Test Report, Effective Date	Effective date of the Module Accelerated Age Test Report.				
ModuleAcceleratedAgeTestReportAgreementExceptionDescription	Module Accelerated Age Test Report Exceptions, Description	Description of any exceptions to the Module Accelerated Age Test Report.				
ModuleAcceleratedAgeTestReportDocumentLink	Module Accelerated Age Test Report, Link	Link to the Module Accelerated Age Test Report document.				
ModuleApertureArea	Module Aperture Area	Aperture area of the module, measured by the long side of the module multiplied by the short of the module, measured in square meters. Also called A _c .				
ModuleAvailabilityOfStringLevelData	Module Availability Of String Level Data, Flag	Availability of string level data, which refers to a feed of energy coming from a single panel. If string level data is available, TRUE; if not available, FALSE.				
ModuleAveragePanelEfficiency	Module Average Panel Efficiency, Percent	Manufacturers average percent efficiency rating by which the module can convert sunlight to power at Standard Test Conditions (STC). For example, 20% efficiency rating indicates that 80% of the sunlight that goes into the module is lost.				
ModuleBackMaterial	Module Back Material, Description	Description of the material used on the back cover of the module.				
ModuleBuiltInDCOptimizerAvailability	Module Built In DC Optimizer Availability, Flag	Indicates if the module has a built-in DC Optimizer, if it does, TRUE; if it does not, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ModuleBypassDiodeOptimalNumber	Module Bypass Diode, Optimal Number	Optimal number of bypass diodes for system integration. Bypass diodes are used to eliminate the hot-spot phenomena which can damage PV cells and even cause fire if the light hitting the surface of the PV cells in a module is not uniform.				
ModuleCellAbstract	Module Cell [Abstract]	Information about the module cells.				
ModuleCellArea	Module Cell Area, Area	Area of the cells on the module.				
ModuleCellColumnCount	Module Cell Column Count, Number	Number of columns of cells on a module.				
ModuleCellCount	Module Cell Count, Number	Number of cells on a module.				
ModuleCellRowCount	Module Cell Row Count, Number	Number of rows of cells on a module.				
ModuleCertificationListing	Module Certification Listing, Description	Description of certifications available for the module.				
ModuleCertificationsAbstract	Module Certifications [Abstract]	Information about module certifications.				
ModuleDepth	Module, Depth	Depth of the Module				
ModuleDesignFactor	Module Design Factor	Multiplier indicating the amount that the module can operate at above the nameplate capacity. For example at factor of 1.1, can safely operate 10% above the stated nameplate capacity rating.				
ModuleDimensionsAbstract	Module Dimensions [Abstract]	Used to show the dimensions of a module.				
ModuleFactoryAuditReportAbstract	Module Factory Audit Report [Abstract]	Information about the module factory audit report.				
ModuleFactoryAuditReportAvailabilityOfDocument	Availability Of Module Factory Audit Report, Flag	Indicates if the module factory audit report is available. If it is available, TRUE; if it is not available, FALSE.				
ModuleFactoryAuditReportAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Module Factory Audit Report, Flag	Indicates if there are exceptions to the module factory audit report. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
ModuleFactoryAuditReportAvailabilityOfFinalDocument	Availability Of Final Module Factory Audit Report, Flag	Indicates if the module factory audit report is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
ModuleFactoryAuditReportCounterpartiesToThe	Counterparties To The Module Factory Audit Report, Names	Names of counterparties to the module factory audit report.				
ModuleFactoryAuditReportDocumentLink	Module Factory Audit Report, Link	Link to the Module Factory Audit Report document.				
ModuleFactoryAuditReportEffectiveDate	Module Factory Audit Report, Effective Date	Effective date of the module factory audit report.				
ModuleFactoryAuditReportExceptionDescription	Module Factory Audit Report Exceptions, Description	Description of any exceptions to the module factory audit report.				

ModuleFactoryAuditsPreProductionAuditRemediationReportMember	Module Factory Audits Pre Production Audit Remediation Report [Member]	Pre-production audit and remediation report, as needed.				
ModuleFactoryAuditsPreShipmentInspectionReportMember	Module Factory Audits Pre Shipment Inspection Report [Member]	Pre-shipment inspection report, for example may include visual, EL, flash test of random sample.				
ModuleFactoryAuditsProductionOversightandRemediationReportMember	Module Factory Audits Production Oversight and Remediation Report [Member]	Production oversight and remediation report, as needed.				
ModuleFactoryAuditsQualityManagementSystemReportMember	Module Factory Audits Quality Management System Report [Member]	QMS (quality management system) data review report.				
ModuleFireRating	Module Fire Rating, Description	Description of the fire rating as classified by IEC 61730.				
ModuleFlashTestCapacity	Module Flash Test Capacity, Power	Measured capacity of the individual module, also known as the flash test capacity.				
ModuleFrameMaterial	Module Frame Material, Description	Description of the material used to build the frame or rating as classified by IP 67/IP 68.				
ModuleFrontMaterialDescription	Module Front Material, Description	Description of the material used on the front cover of the module.				
ModuleHasCertificationIEC60364-4-41	Module Has Certification IEC60364-4-41, Flag	Module has Certification IEC60364-4-41, protection against electric shock. If it does, TRUE; if it does not, FALSE.				
ModuleHasCertificationIEC61215	Module Has Certification IEC61215, Flag	Module has Certification IEC61215/EN61215 IEC61215 Ed. 2, aging of PV modules. If it does, TRUE; if it does not, FALSE.				
ModuleHasCertificationIEC61646	Module Has Certification IEC61646, Flag	Module has Certification IEC61646, Thin-Film PV modules. If it does, TRUE; if it does not, FALSE.				
ModuleHasCertificationIEC61701	Module Has Certification IEC61701, Flag	Module has Certification IEC61701, salt mist corrosion resistance testing on PV modules. If it does, TRUE; if it does not, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ModuleHasCertificationIEC61730	Module Has Certification IEC61730, Flag	Module has Certification IEC61730/EN61730, safety qualifications. If it does, TRUE; if it does not, FALSE.				
ModuleHasCertificationIEC62108	Module Has Certification IEC62108, Flag	Module has Certification IEC62108, concentrator PV modules. If it does, TRUE; if it does not, FALSE.				
ModuleHasCertificationIEC62716	Module Has Certification IEC62716, Flag	Module has Certification IEC62716, amonia test. If it does, TRUE; if it does not, FALSE.				
ModuleHasCertificationOther	Module Has Certification Other, Description	Module has certification other than IEC60364-4-41, IEC61215, IEC61646, IEC61701, IEC61730, or IEC62108. If it does then list the certifications comma delimited.				
ModuleHasCertificationUL1703	Module Has Certification UL1703, Flag	Module has certification UL1703, fire rating. If it does, TRUE; if it does not, FALSE.				
ModuleIsBIPV	Module Is BIPV, Flag	Indicates if the module is Building Integrated PV, which means that photovoltaic materials are used to replace conventional building materials in parts of the building envelope such as the roof, skylights, or facades.				

ModuleJunctionBoxRating	Module Junction Box Rating, Description	Description of the module Junction Box rating as classified in IP 67.				
ModuleLength	Module, Length	Length of the module.				
ModuleLevelPowerElectronicsAbstract	Module Level Power Electronics [Abstract]	Information about the MLPE (module level power electronics).				
ModuleLevelPowerElectronicsHasMonitoring	Module Level Power Electronics Has Monitoring, Flag	Indication that the MLPE (module level power electronics) allows monitoring at the module level.				
ModuleLevelPowerElectronicsHasOptimization	Module Level Power Electronics Has Optimization, Flag	Indication that the MLPE (module level power electronics) has a device that will dynamically optimize the voltage-current combination of a string to maximize power.				
ModuleLevelPowerElectronicsHasRapidShutDown	Module Level Power Electronics Has Rapid Shut Down, Flag	Indication that the MLPE (module level power electronics) has a device that provides module level rapid shutdown as a safety feature defined in NEC 2017.				
ModuleLevelPowerElectronicsHasStringLength	Module Level Power Electronics Has String Length, Flag	Indication that the MLPE (module level power electronics) allows a larger string length.				
ModuleMaterialsAndWorkmanShipWarrantyInitiationDate	Module Materials & Workmanship Warranty, Initiation Date	Initiation date of the Materials and Workmanship Warranty.				
ModuleMaximumSeriesFuseRating	Module Maximum Series Fuse Rating, Amps	Maximum series fuse rating: rated capacity in amps of the largest fuse that can be used to support module strings.				
ModuleMaximumVoltagePerIEC	Module Maximum Voltage Per IEC	Maximum amount of voltage that can be safely handled by the module, determined by IEC (International Electrotechnical Commission).				
ModuleMaximumVoltagePerUL	Module Maximum Voltage Per UL	Maximum amount of voltage that can be safely handled by the module, determined by UL.				
ModuleMember	Module [Member]	Solar panel or module used in a solar installation.				
ModuleMicroInverterAvailability	Module MicroInverter Availability, Flag	Indicates if the module has a microinverter, if it does, TRUE; if it does not, FALSE.				
ModuleNameplateAbstract	Module Nameplate [Abstract]	Nameplate information about the module.				
ModuleNominalOperatingCellTemperature	Module Nominal Operating Cell Temperature	Average nominal operating cell temperature.				
ModuleOpenCircuitVoltage	Module Open Circuit Voltage	The amount of DC voltage the cell, module or string will generate with no load (zero current being delivered).				
ModuleOperatingTemperatureMaximum	Module Operating Temperature Maximum Temperature	Maximum operating temperature of the solar module. Can be reported as Celsius or Fahrenheit by the preparer when specifying units in the instance document.				
ModuleOperatingTemperatureMinimum	Module Operating Temperature Minimum Temperature	Minimum operating temperature of the solar module. Can be reported as Celsius or Fahrenheit by the preparer when specifying units in the instance document.				
ModuleOrientation	Module Orientation	Orientation of the module which can be portrait or landscape.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ModulePerformanceWarrantyEndDate	Module Performance Warranty, End Date	Date performance warranty expires. The performance warranty guarantees that a solar panel will operate with a given level of efficiency over its lifetime.				
ModulePerformanceWarrantyGuaranteedOutput	Module Performance Warranty, Guaranteed Output	Description of the amount of production guaranteed by a solar panel performance warranty, which will guarantee a percentage of production depending on the age of the module. For example, guarantees 80% production after 25 years.				
ModulePerformanceWarrantyType	Module Performance, Warranty Type	Description of the type of module performance warranty. For example, duration of the warranty, guaranteed output.				
ModulePowerToleranceRangeMaximum	Module Power Tolerance Range Maximum, Percent	Maximum percent tolerance between nameplate (nominal) power and flash test capacity of the module, on average.				
ModulePowerToleranceRangeMinimum	Module Power Tolerance Range Minimum, Percent	Minimum percent tolerance between nameplate (nominal) power and flash test capacity of the module, on average.				
ModuleProductWarrantyEndDate	Module Product Warranty, End Date	Date when the product warranty expires for the panels.				
ModuleProductWarrantyTerm	Module Product Warranty, Term	Duration of the product warranty term offered by the manufacturer in the format P1Y1M1D.				
ModuleRatedCurrent	Module Rated Current	Value of the current when module is operating at maximum power. May also be called Maximum Power Current.				
ModuleRatedCurrentAtLowIrradiance	Module Rated Current At Low Irradiance	Value of the current when module is operating at maximum power and at low irradiance. May also be called Maximum Power Current, or IPmax, low.				
ModuleRatedCurrentAtNOCT	Module Rated Current At NOCT	Value of the current when module is operating at maximum power and at NOCT (nominal operating cell temperature). May also be called Maximum Power Current or IPmax, NOCT.				
ModuleRatedVoltage	Module Rated Voltage	Value of the voltage when module is operating at maximum power. May also be called Maximum Power Voltage.				
ModuleRatedVoltageAtLowIrradiance	Module Rated Voltage At Low Irradiance	Value of the voltage when module is operating at maximum power and at low irradiance. May also be called Maximum Power Voltage, or VPmax, low.				
ModuleRatedVoltageAtNOCT	Module Rated Voltage At NOCT	Value of the voltage when module is operating at maximum power and at NOCT (nominal operating cell temperature). May also be called Maximum Power Voltage or VPmax, NOCT.				
ModuleReliabilityTestingDegradationRateCharacterizationTestReportMember	Module Reliability Testing Degradation Rate Characterization Test Report [Member]	Degradation Rate Characterization Tests.				
ModuleReliabilityTestingModulePreQualificationTestsMember	Module Reliability Testing Module Pre Qualification Tests [Member]	Module Pre-Qualification Tests (IEC and Extended Testing).				
ModuleReliabilityTestingStatisticalModuleBatchTestReportMember	Module Reliability Testing Statistical Module Batch Test Report [Member]	Statistical Module Batch Tests (each BOM/factory combo).				

ModuleSeriesNumberOfCells	Module Series, Number Of Cells	Number of cells in a solar module series.				
ModuleShortCircuitCurrent	Module Short Circuit Current	Amount of current going through the cell, module or string when the voltage is zero.				
ModulesPerString	Modules Per String, Number	Number of modules that comprise a single string within the sub array, a single unit of modules mounted together and set at the same angle and orientation.				
ModuleTechnology	Module Technology, Type	Type of technology used in the module which can be Mono-C-Si (single crystal crystalline silicon technology), Multi-C-Si (uses many crystals crystalline technology), or Thin Film (made by placing one or more films of PV material on a substrate).				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ModuleTemperature	Module Temperature	Temperature of the PV module at a point in time. Can be reported as Celsius or Fahrenheit by the preparer when specifying units in the instance document.				
ModuleTemperatureCoefficientMaximumCurrent	Module Temperature Coefficient Maximum Current	Amount of decrease in maximum current as temperature increases, measured in percent per Celsius. May also be known as $\alpha_{I_{pmax}}$.				
ModuleTemperatureCoefficientMaximumPower	Module Temperature Coefficient Maximum Power	Amount of decrease in power output as temperature increases, measured in percent per Celsius. May also be known as γ_{Pmax} .				
ModuleTemperatureCoefficientMaximumVoltage	Module Temperature Coefficient Maximum Voltage	Amount of decrease in maximum voltage as temperature increases, measured in percent per Celsius. May also be known as β_{Vpmax} .				
ModuleTemperatureCoefficientOperatingVoltageAmount	Module Temperature Coefficient Operating Voltage	Amount of decrease in voltage output as temperature increases, measured in percent per Celsius. May also be known as β_{Voc} .				
ModuleTemperatureCoefficientShortCircuitCurrentAmount	Module Temperature Coefficient Short Circuit Current	Amount of decrease in current output as temperature increases, measured in percent per Celsius. May also be known as α_{Isc} .				
ModuleTestingExpense	Module Testing Expense, Amount	Cost of module testing.				
ModuleWarrantyAbstract	Module Warranty [Abstract]	Information about warranties specific to module products that are used in the system.				
ModuleWeight	Module, Weight	Weight of the module.				
ModuleWidth	Module, Width	Width of the module.				
MonitoringContractAbstract	Monitoring Contract [Abstract]	Information about the monitoring contract.				
MonitoringContractAvailabilityOfDocument	Availability Of Monitoring Contract, Flag	Indicates if the Monitoring Contract is available. If it is available, TRUE; if it is not available, FALSE.				
MonitoringContractAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Monitoring Contract, Flag	Indicates if there are exceptions to the Monitoring Contract. If there are exceptions, TRUE; if there are no exceptions, FALSE.				

MonitoringContractAvailabilityOfFinalDocument	Availability Of Final Monitoring Contract, Flag	Indicates if the Monitoring Contract is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
MonitoringContractCounterparties	Counterparties To The Monitoring Contract, Names	Names of counterparties to the Monitoring Contract.				
MonitoringContractCounterparty	Monitoring Contract, Counterparty	Counterparty to the Monitoring Contract between the project company and engineering company to monitor system performance.				
MonitoringContractDocumentLink	Monitoring Contract, Link	Link to the Monitoring Contract document.				
MonitoringContractExceptionDescription	Monitoring Contract Exceptions, Description	Description of any exceptions to the Monitoring Contract.				
MonitoringContractExpirationDate	Monitoring Contract, Expiration Date	Expiration date of the Monitoring Contract between the project company and engineering company to monitor system performance.				
MonitoringContractInitiationDate	Monitoring Contract, Initiation Date	Initiation date of the Monitoring Contract between the project company and engineering company to monitor system performance.				
MonitoringContractRate	Monitoring Contract, Rate, Power Per Power	Rate in currency per kWh of the Monitoring Contract between the project company and engineering company to monitor system performance.				
MonitoringContractRateEscalator	Monitoring Contract, Rate Escalator, Percent	Percent escalator in the Monitoring Contract between the project company and engineering company to monitor system performance.				
MonitoringContractRateType	Monitoring Contract, Rate Type, Description	Description of the Monitoring Contract rate type defined in the Monitoring Contract between the project company and engineering company to monitor system performance.				
MonitoringContractTerm	Monitoring Contract, Term	Term of the Monitoring Contract between the project company and engineering company to monitor system performance. The value should be entered using the ISO8601 format of PnY or PnM. For example, a 5 year term would be represented as P5Y, a 3 month term as P3M.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
MonitoringSolutionSoftwareVersion	Monitoring Solution Software, Version	Version number of application software of the monitoring solution.				
MonthlyOperatingReportAbstract	Monthly Operating Report [Abstract]	Information about the Monthly Operating Report for the project which documents monthly statistics on insolation, energy, availability and performance.				
MonthlyOperatingReportAccountsReceivableAgingAbstract	Monthly Operating Report Accounts Receivable Aging [Abstract]	Information about Accounts Receivable Aging included in the monthly operating report.				
MonthlyOperatingReportAvailabilityOfDocument	Availability Of Monthly Operating Report, Flag	Indicates if the Monthly Operating Report is available. If it is available, TRUE; if it is not available, FALSE.				
MonthlyOperatingReportAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Monthly Operating Report, Flag	Indicates if there are exceptions to the Monthly Operating Report or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
MonthlyOperatingReportAvailabilityOfFinalDocument	Availability Of Final Monthly Operating Report, Flag	Indicates if the Monthly Operating Report is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				

MonthlyOperatingReportBalanceSheetAbstract	Monthly Operating Report Balance Sheet [Abstract]	Information about the balance sheet included in the monthly operating report.				
MonthlyOperatingReportCashDistributionAbstract	Monthly Operating Report Cash Distribution [Abstract]	Information about cash distributions made to investors.				
MonthlyOperatingReportCashDistributionTable	Monthly Operating Report Cash Distribution [Table]	Table used to represent cash distributions made to various types of investors.				
MonthlyOperatingReportCounterparties	Counterparties To The Monthly Operating Report, Names	Names of counterparties to the Monthly Operating Report, which documents monthly statistics on insolation, energy, availability and performance.				
MonthlyOperatingReportDocumentLink	Monthly Operating Report, Link	Link to the Monthly Operating Report document.				
MonthlyOperatingReportEffectiveDate	Monthly Operating Report, Effective Date	Effective date of the Monthly Operating Report, which documents monthly statistics on insolation, energy, availability and performance.				
MonthlyOperatingReportEndDate	Monthly Operating Report, End Date	End date of the Monthly Operating Report, which documents monthly statistics on insolation, energy, availability and performance.				
MonthlyOperatingReportExceptionDescription	Monthly Operating Report Exceptions, Description	Description of any exceptions to the Monthly Operating Report or issues raised.				
MonthlyOperatingReportIncomeStatementAbstract	Monthly Operating Report Income Statement [Abstract]	Information about the Income Statement included in the monthly operating report.				
MonthlyOperatingReportLevel	Monthly Operating Report Level	Indicates if the Monthly Operating Report is at the Site Level, Fund Level, or Project Level.				
MonthlyOperatingReportMaterialNonRoutineMaintenance	Monthly Operating Report Material Non Routine Maintenance, Description	Description of material non-routine maintenance in the Monthly Operating Report				
MonthlyOperatingReportOverview	Monthly Operating Report Overview, Description	Description of project overview in the Monthly Operating Report				
MonthlyOperatingReportPreparerName	Monthly Operating Report Preparer, Name	Name of the company or individual that prepared the monthly operating report.				
MonthlyOperatingReportRegulatoryMattersCurtailmentandTransmissionIssues	Monthly Operating Report Regulatory Matters, Curtailment and Transmission Issues	Description of regulatory matters, curtailment and transmission issues in the Monthly Operating Report				
MonthlyOperatingReportRoutinePreventativeMaintenance	Monthly Operating Report Routine Preventative Maintenance, Description	Description of routine preventative maintenance in the Monthly Operating Report				
MonthlyOperatingReportSummaryAbstract	Monthly Operating Report Summary [Abstract]	Summary information included in the monthly operating report.				
MonthlyOperatingReportWarrantyManagement	Monthly Operating Report Warranty Management, Description	Description of warranty management in the Monthly Operating Report				
MonthlyPeriodAxis	Monthly Period [Axis]	Used to define the month of the year.				
MonthlyPeriodDomain	Monthly Period [Domain]	Used to define the month of the year.				
MountingMember	Mounting [Member]	Mounting equipment.				

MountingType	Mounting Type	Mounting type of the array which can be Ballasted, Attached, BIPV, or Pole/Pier.				
MultipleListeeLetterSignedByNRTL	Multiple Listee Letter Signed By NRTL, Flag	Indication if the multiple listee letter for the inverter was signed by an NRTL. If it was, TRUE; if it was not, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
NaturalResourceAbstract	Natural Resource [Abstract]	Information about natural resources such as water or minerals located or within proximity of a site that may have an impact on the system.				
NaturalResourceIdentified	Natural Resource Identified, Description	Description of the natural resource identified.				
NaturalResourceIdentifiedLocation	Natural Resource Identified Location, Description	Description of the location of the natural resource.				
NaturalResourceIdentifiedName	Natural Resource Identified, Name	Name of the natural resource item identified.				
NaturalResourceIdentifiedName	Natural Resource Identified, Name	Name of the natural resource identified.				
NaturalResourceIdentifier	Natural Resource Identifier	Identifier for the natural resource.				
NaturalResourceIdentifierAbstract	Natural Resource Identifier [Abstract]	Information related to a specific natural resource which is associated with the site.				
NaturalResourceIdentifierAxis	Natural Resource Identifier [Axis]	Used as the identifier for the natural resource.				
NaturalResourceIdentifierDomain	Natural Resource Identifier [Domain]	Used as the identifier for the natural resource.				
NaturalResourceIdentifierLineItems	Natural Resource Identifier [Line Items]	Used to group information about a natural resource on a site.				
NaturalResourceIdentifierTable	Natural Resource Identifier [Table]	Represents information related to a site-specific natural resource such as water, minerals, petroleum products or hazardous substances located on or in proximity to a site.				
NaturalResourceLocation	Natural Resource Location, Description	Description of the location where the natural resource was identified.				
NaturalResourcePermitAction	Natural Resource Permit Action, Name	Identifier, name, or title of action required by the natural resources permit.				
NaturalResourcePermitActionAxis	Natural Resource Permit Action [Axis]	Used as the identifier for permit actions related to the natural resource.				
NaturalResourcePermitActionDescription	Natural Resource Permit Action, Description	Description of action required by the natural resources permit, for example, a fee or covenant.				
NaturalResourcePermitActionDomain	Natural Resource Permit Action [Domain]	Used as the identifier for permit actions related to a natural resource.				
NaturalResourcePermitActionLineItems	Natural Resource Permit Action [Line Items]	Used to group information about permit actions related to a natural resource located on a site.				

NaturalResourcePermitActionTable	Natural Resource Permit Action [Table]	Represents information about actions taken related to a permit for a natural resource which is associated with a specific site. Data reported may include a link to the permit, identifier, authority issuing the permit.				
NaturalResourcePermitAxis	Natural Resource Permit [Axis]	Used as the identifier for a permit that is related to the natural resource.				
NaturalResourcePermitDomain	Natural Resource Permit [Domain]	Used as the identifier for a permit that is related to a natural resource.				
NaturalResourcePermitGoverningAuthority	Natural Resource Permit, Governing Authority, Name	Name of the governing authority that issued the permit.				
NaturalResourcePermitIdentification	Natural Resource Permit, Identification	Identifier for the natural resource permit associated with a particular action.				
NaturalResourcePermitIdentifier	Natural Resource Permit Identifier	Identifier for the natural resource permit.				
NaturalResourcePermitIssueDate	Natural Resource Permit, Issue Date	Date on which the natural resource permit was issued.				
NaturalResourcePermitLineItems	Natural Resource Permit [Line Items]	Used to group information about a permit that is related to a natural resource located on a site.				
NaturalResourcePermitLink	Natural Resource Permit, Link	Link to the permit for the natural resource.				
NaturalResourcePermitTable	Natural Resource Permit [Table]	Represents information about permits that are related to a natural resource on or within proximity of a site. Data reported may include a link to the permit, identifier, or authority issuing the permit.				
NaturalResourceStudyAction	Natural Resource Study Action, Description	Description of action suggested in the natural resource study.				
NaturalResourceStudyAxis	Natural Resource Study [Axis]	Used as the identifier for studies about the natural resource.				
NaturalResourceStudyDomain	Natural Resource Study [Domain]	Used as the identifier for studies about the natural resource.				
NaturalResourceStudyLineItems	Natural Resource Study [Line Items]	Used to group information about studies developed about a natural resource located on a site.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
NaturalResourceStudyTable	Natural Resource Study [Table]	Represents information about studies on natural resources which are associated with a specific site. Data reported may include a link to the study, identifier, and actions suggested in the study.				
NetIncomeLoss	Net Income (Loss) Attributable to Parent	The portion of profit or loss for the period, net of income taxes, which is attributable to the parent.				
NetIncomeLoss	Net Income (Loss) Attributable to Parent	The portion of profit or loss for the period, net of income taxes, which is attributable to the parent.				

NetworkType	Network Type, Description	Type of internet connection to system.				
NightTareLossDataInWeightedEfficiencyForm	Night Tare Loss Data in Weighted Efficiency Form, Flag	Indication if the night tare loss data was provided in the Weighted Inverter Efficiency Form. If it was, TRUE; if it was not, FALSE.				
NominalOperatingConditionMember	Nominal Operating Condition [Member]	Test condition measurement is performed using Nominal Operating Conditions which include the following constraints: cell temperature = 45; wind speed = 1; air mass = 1.5; irradiance = 800; ambient temperature = 25.				
NoninterestIncome	Noninterest Income, Total	The total amount of noninterest income which may be derived from: (1) fees and commissions; (2) premiums earned; (3) insurance policy charges; (4) the sale or disposal of assets; and (5) other sources not otherwise specified.				
NonoperatingIncomeExpense	Nonoperating Income (Expense)	The aggregate amount of income or expense from ancillary business-related activities (that is to say, excluding major activities considered part of the normal operations of the business).				
NonUnityPowerModelFactorTMMPercent	NonUnity Power Model Factor, Typical Met Month, Percent	Percentage of kWh lost due to operating at nonunity power factor (note: unity power factor should equal 1.0; operating at 0.9 or 1.1 would result in loss of energy or not enough energy produced.), for a typical meteorological met month, calculation based on major design/energy production model used.				
NonUnityPowerModelFactorTMYPercent	NonUnity Power Model Factor, Typical Met Year, Percent	Percentage of kWh lost due to operating at nonunity power factor (note: unity power factor should equal 1.0; operating at 0.9 or 1.1 would result in loss of energy or not enough energy produced.), for a typical meteorological year, calculation based on major design/energy production model used.				
NoticeAndPaymentInstructionsAbstract	Notice and Payment Instructions [Abstract]	Information about the Notice and Payment Instructions.				
NoticeAndPaymentInstructionsAvailabilityOfDocument	Availability Of Notice and Payment Instructions, Flag	Indicates if the Notice and Payment Instructions is available. If it is available, TRUE; if it is not available, FALSE.				
NoticeAndPaymentInstructionsAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Notice and Payment Instructions, Flag	Indicates if there are exceptions to the Notice and Payment Instructions. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
NoticeAndPaymentInstructionsAvailabilityOfFinalDocument	Availability Of Final Notice and Payment Instructions, Flag	Indicates if the Notice and Payment Instructions is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
NoticeAndPaymentInstructionsCounterparties	Counterparties To The Notice and Payment Instructions, Names	Names of counterparties to the Notice and Payment Instructions.				
NoticeAndPaymentInstructionsEffectiveDate	Notice and Payment Instructions, Effective Date	Effective date of the Notice and Payment Instructions.				
NoticeAndPaymentInstructionsExceptionDescription	Notice and Payment Instructions Exceptions, Description	Description of any exceptions to the Notice and Payment Instructions.				
NoticeAndPaymentInstructionsExpirationDate	Notice and Payment Instructions, Expiration Date	Expiration date of the Notice and Payment Instructions.				
NoticeAndPaymentInstructionsLink	Notice And Payment Instructions, Link	Link to the Notice And Payment Instructions document.				

NoticeOfApprovalAbstract	Notice Of Approval [Abstract]	Information about the notice of approval.				
--------------------------	-------------------------------	---	--	--	--	--

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
NoticeOfApprovalAvailabilityOfDocument	Availability Of Notice Of Approval, Flag	Indicates if the notice of approval is available. If it is available, TRUE; if it is not available, FALSE.				
NoticeOfApprovalAvailabilityOfExceptions	Availability Of Exceptions To The Notice Of Approval, Flag	Indicates if there are exceptions to the notice of approval. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
NoticeOfApprovalAvailabilityOfFinalDocument	Availability Of Final Notice Of Approval, Flag	Indicates if the notice of approval is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
NoticeOfApprovalCounterparties	Counterparties To The Notice Of Approval, Names	Names of counterparties to the notice of approval.				
NoticeOfApprovalDocumentLink	Notice Of Approval, Link	Link to the Notice Of Approval document.				
NoticeOfApprovalEffectiveDate	Notice Of Approval, Effective Date	Effective date of the notice of approval.				
NoticeOfApprovalExceptionsDescription	Notice Of Approval Exceptions, Description	Description of any exceptions to the notice of approval.				
NoticeOfApprovalExpirationDate	Notice Of Approval, Expiration Date	Expiration date of the notice of approval.				
NoticeOfCommercialOperationAbstract	Notice Of Commercial Operation [Abstract]	Information about the Notice of Commercial Operation which is a letter from the operator confirming that the installation is operating.				
NoticeOfCommercialOperationAvailabilityOfDocument	Availability Of Notice Of Commercial Operation, Flag	Indicates if the Notice of Commercial Operation is available. If it is available, TRUE; if it is not available, FALSE.				
NoticeOfCommercialOperationAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Notice Of Commercial Operation, Flag	Indicates if there are exceptions to the Notice of Commercial Operation. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
NoticeOfCommercialOperationAvailabilityOfFinalDocument	Availability Of Final Notice Of Commercial Operation, Flag	Indicates if the Notice of Commercial Operation is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
NoticeOfCommercialOperationCounterparties	Counterparties To The Notice Of Commercial Operation, Names	Names of counterparties to the Notice of Commercial Operation.				
NoticeOfCommercialOperationDocumentLink	Notice Of Commercial Operation, Link	Link to the Notice Of Commercial Operation document.				
NoticeOfCommercialOperationEffectiveDate	Notice Of Commercial Operation, Effective Date	Effective date of the Notice of Commercial Operation.				
NoticeOfCommercialOperationExceptionDescription	Notice Of Commercial Operation Exceptions, Description	Description of any exceptions to the Notice of Commercial Operation.				
NoticeOfCommercialOperationExpirationDate	Notice Of Commercial Operation, Expiration Date	Expiration date of the Notice of Commercial Operation.				
NoticeOfCommercialOperationsDateAbstract	Notice Of Commercial Operations Date [Abstract]	Information about the Notice of Commercial Operations Date for the project.				

NoticeOfCommercialOperationsDateAvailabilityOfDocument	Availability Of Notice Of Commercial Operations Date, Flag	Indicates if the Notice of Commercial Operations Date is available. If it is available, TRUE; if it is not available, FALSE.				
NoticeOfCommercialOperationsDateAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Notice Of Commercial Operations Date, Flag	Indicates if there are exceptions to the Notice of Commercial Operations Date or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
NoticeOfCommercialOperationsDateAvailabilityOfFinalDocument	Availability Of Final Notice Of Commercial Operations Date, Flag	Indicates if the Notice of Commercial Operations Date is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
NoticeOfCommercialOperationsDateCounterparties	Counterparties To The Notice Of Commercial Operations Date, Names	Names of counterparties to the Notice of Commercial Operations Date.				
NoticeOfCommercialOperationsDateEffectiveDate	Notice Of Commercial Operations Date, Effective Date	Effective date of the Notice of Commercial Operations Date.				
NoticeOfCommercialOperationsDateExceptionDescription	Notice Of Commercial Operations Date Exceptions, Description	Description of any exceptions to the Notice of Commercial Operations Date or issues raised.				
NoticeOfCommercialOperationsDocumentLink	Notice Of Commercial Operations, Link	Link to the Notice Of Commercial Operations document.				
OffTakerIdentifierAxis	OffTaker [Axis]	Used as the identifier for the OffTaker.				
OffTakerIdentifierDomain	OffTaker	Used as the identifier for the OffTaker.				
OffTakerInformationAbstract	Offtaker Information [Abstract]	Information about oftaker.				
OffTakerLineItems	OffTaker [Line Items]	Used to collect information about an OffTaker.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
OfftakerProjectedElectricSavingsToUtilityAmount	Projected Offtaker Electric Savings to Utility, Amount	Initial monthly savings projected to be received by the utility for first year as amount per kilowatt hour.				
OfftakerProjectedElectricSavingsToUtilityPercent	Projected Offtaker Electric Savings to Utility, Percent	Initial monthly savings the utility is expected to receive for first year based as the percentage cost difference per kilowatt hour.				
OffTakerTable	OffTaker [Table]	Represents information about an energy OffTaker which could be a utility, a residential homeowner or other party.				
OnboardingAbstract	Onboarding [Abstract]	Information about the Project used during the onboarding process.				
OperatingAgreementsForMasterLesseeLesseeAndOperatorAbstract	Operating Agreements For Master Lessee, Lessee And Operator [Abstract]	Information about the Operating Agreements for Master Lessee, Lessee and Operator for the project.				
OperatingAgreementsForMasterLesseeLesseeAndOperatorAvailabilityOfDocument	Availability Of Operating Agreements For Master Lessee, Lessee And Operator, Flag	Indicates if the Operating Agreements for Master Lessee, Lessee and Operator is available. If it is available, TRUE; if it is not available, FALSE.				

OperatingAgreementsForMasterLesseeLesseeAndOperatorAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Operating Agreements For Master Lessee, Lessee And Operator, Flag	Indicates if there are exceptions to the Operating Agreements for Master Lessee, Lessee and Operator or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
OperatingAgreementsForMasterLesseeLesseeAndOperatorAvailabilityOfFinalDocument	Availability Of Final Operating Agreements For Master Lessee, Lessee And Operator, Flag	Indicates if the Operating Agreements for Master Lessee, Lessee and Operator is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
OperatingAgreementsForMasterLesseeLesseeAndOperatorCounterparties	Counterparties To The Operating Agreements For Master Lessee, Lessee And Operator, Names	Names of counterparties to the Operating Agreements for Master Lessee, Lessee and Operator.				
OperatingAgreementsForMasterLesseeLesseeAndOperatorDocumentLink	Operating Agreements For Master Lessee, Lessee And Operator, Link	Link to the Operating Agreements For Master Lessee, Lessee And Operator document.				
OperatingAgreementsForMasterLesseeLesseeAndOperatorEffectiveDate	Operating Agreements For Master Lessee, Lessee And Operator, Effective Date	Effective date of the Operating Agreements for Master Lessee, Lessee and Operator.				
OperatingAgreementsForMasterLesseeLesseeAndOperatorExceptionDescription	Operating Agreements For Master Lessee, Lessee And Operator Exceptions, Description	Description of any exceptions to the Operating Agreements for Master Lessee, Lessee and Operator or issues raised.				
OperatingAgreementsForMasterLesseeLesseeAndOperatorExpirationDate	Operating Agreements For Master Lessee, Lessee And Operator, Expiration Date	Expiration date of the Operating Agreements for Master Lessee, Lessee and Operator.				
OperatingCompanyFinancialDataAbstract	Operating Company Financial Data [Abstract]	Information about the operating company financial data.				
OperatingExpenses	Operating Expenses	Generally recurring costs associated with normal operations except for the portion of these expenses which can be clearly related to production and included in cost of sales or services. Includes selling, general and administrative expense.				
OperatingLeaseExpense	Operating Lease, Expense	Amount of operating lease expense. Excludes sublease income.				
OperatingLeasesRentExpenseNet	Operating Leases, Rent Expense, Net	Rental expense for the reporting period incurred under operating leases, including minimum and any contingent rent expense, net of related sublease income.				
OperationalAbstract	Operational Information [Abstract]	Information about the operations of the installation.				
OperationalAccessDescription	How To Access Site, Description	Description of how to access site, for example where to obtain keys to the site.				
OperationalBudgetReviewOfAssetManagementMember	Operational Budget Review Of Asset Management [Member]	Operational budget review of Asset Management, reconciled with Managing Partner responsibilities.				
OperationalBudgetReviewOfConsumablesListMember	Operational Budget Review Of Consumables List [Member]	Operational budget review of consumables List.				
OperationalBudgetReviewOfDecommissioningMember	Operational Budget Review Of Decommissioning [Member]	Operational budget review of Decommissioning.				
OperationalBudgetReviewOfMonitoringServiceProviderMember	Operational Budget Review Of Monitoring Service Provider [Member]	Operational budget review of Monitoring Service Provider.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
OperationalBudgetReviewOfOperationsAndMaintenanceMember	Operational Budget Review Of Operations And Maintenance [Member]	Operational budget review of Operations and Maintenance budget.				
OperationalBudgetReviewOfOtherOperationsMember	Operational Budget Review Of Other Operations [Member]	Operational budget review of other operational topics, if needed.				
OperationalBudgetReviewOfSparePartsListMember	Operational Budget Review Of Spare Parts List [Member]	Operational budget review of Spare Parts List.				
OperationalCombinationLockPasswordInverterPassword	Password And Identification To Access Installation Of Equipment, Description	Password and login id for combination lock for installation and for equipment.				
OperationalCompanyResponsibleForRepair	Company Responsible For Repair, Name	Name of company responsible for repairing or maintaining a specific piece of equipment.				
OperationalDeveloperInsuranceRequirements	Developer Insurance Requirements, Description	Description of developer insurance requirements.				
OperationalDeveloperReportingRequirements	Developer Reporting Requirements, Description	Description of developer reporting requirements.				
OperationalDeveloperTaxObligations	Developer Tax Obligations, Description	Description of developer tax obligations.				
OperationalDistanceNearestOwnedPVSystem	Distance To Nearest Owned PV System, Length	Distance to nearest PV system project that has the same ownership, for example in miles.				
OperationalEarthquakeInsurance	Earthquake Insurance, Amount Per Power	Amount of earthquake insurance in currency per nominal power (kWdc) which is defined as the nameplate capacity of the PV system.				
OperationalEventAndIssuesReportingLineItems	Operational Events And Issues Reporting [Line Items]	Used to group information about operational events and issues related to the system.				
OperationalEventAndIssuesReportingTable	Operational Events And Issues Reporting [Table]	Table containing information about operational events and issues related to the project.				
OperationalEventEstimatedEnergyLost	Operational Event, Estimated Energy Lost	Estimated energy lost in kWh which could be associated with a specific event or downtime.				
OperationalEventIdentifierAxis	Operational Event Identifier [Axis]	Used as an identifier for an operational event that is reported.				
OperationalEventIdentifierDomain	Operational Event Identifier [Domain]	Used as an identifier for an operational event that is reported.				
OperationalEventReportingAbstract	Operational Event Reporting [Abstract]	Information about the operational event or incident report.				
OperationalEventReportingAxis	Operational Event Reporting [Axis] [No Default]	Axis for reporting multiple events that occur associated with the ongoing operations of the project. Each typed member represents a specific reporting event. Each member represents a unique event that occurs. These events may or may not be covered by an agreement, such as agreements for Operations and Maintenance, Interconnection, Asset Management, EPC, Site Lease, LLCA, PPA or Lease.				

OperationalEventReportingIdentificationDomain	Operational Event Reporting Identification [Domain]	Used to report operational events.				
OperationalEventReportingLineItems	Operational Event Reporting Details [Line Items]	Used to group information about operational events.				
OperationalEventReportingTable	Operational Event Reporting [Table]	Allows reporting of multiple events that occur associated with the ongoing operations of a project. Data reported can include title, date, time before responding to the event, action agreed upon to respond, priority of corrective action.				
OperationalFinancialPerformanceAbstract	Operational Financial Performance [Abstract]	Operational Financial Performance				
OperationalIssuesAbstract	Operational Issues [Abstract]	Information about operational issues that require resolution.				
OperationalIssuesAcknowledgementTime	Operational Issues, Acknowledgement Time	The time between detecting the problem (receipt of the alarm or noticing a fault) and the acknowledgement of the fault by the O&M Contractor which is signaled by dispatching a technician. The acknowledgement time reflects the O&M Contractor's operational ability. The value should be entered as a durationItemType using the ISO8601 format of PnYnMnDTnHnMnS. Acknowledgement Time may also be called Reaction Time, where H means hours, M means minutes, and S means seconds.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
OperationalIssuesDateAndTimeIssueCommenced	Operational Issues, Date And Time Individual Issue Commenced	Start time and date of individual issue.				
OperationalIssuesDateAndTimeIssueResolved	Operational Issues, Date And Time Individual Issue Resolved	Date and time issue resolved.				
OperationalIssuesDateAndTimeProductionResumed	Operational Issues, Date And Time Production Resumed	Date and time production resumed after individual issue resolved.				
OperationalIssuesDateAndTimeProductionStopped	Operational Issues, Date And Time Production Stopped	Date and time production stopped to resolve reported issue				
OperationalIssuesDatePreventativeMaintenanceCompleted	Operational Issues, Date Preventative Maintenance Completed	Date preventative maintenance completed.				
OperationalIssuesDatePreventativeMaintenanceStarted	Operational Issues, Date Preventative Maintenance Started	Date preventative maintenance started.				
OperationalIssuesEnergyLossDueToIssue	Energy Loss Due to Issue, Amount	Amount of energy lost due to operational system issue.				
OperationalIssuesEnvironmentalHealthAndSafetyRelated	Operational Issues, Environmental Health And Safety Related, Flag	Indicates that the operational issue is warranty related. If it is environmental health and safety related, TRUE; if it is not, FALSE				
OperationalIssuesFutureSteps	Issue Detail, Future Steps, Description	Information related to an issue covering future steps to be taken on the issue.				

OperationalIssuesImpactOfIssue	Issue Detail, Impact, Description	Description of information related to an issue and impact of the issue.				
OperationalIssuesInterventionTime	Operational Issues, Intervention Time	The amount of time to reach the plant by a service technician or a subcontractor when the visit by the O&M contractor is contractually necessary, from the moment of acknowledgement. Intervention Time assesses the capacity of the O&M Contractor to mobilize and be on site. The value should be entered as a durationItemType using the ISO8601 format of PnYnMnDTnHnMnS, where H means hours, M means minutes, and S means seconds.				
OperationalIssuesLengthOfIssue	Length of Individual Issue in Days	Number of days the issue takes to be resolved.				
OperationalIssuesPlanOfAction	Issue Detail, Plan of Action, Description	Information related to an issue covering plan of action to be taken on the issue.				
OperationalIssuesReportedIssueDescription	Operational Issues, Reported Issue, Description	Description of reported issue that requires resolution.				
OperationalIssuesResolutionTime	Operational Issues, Resolution Time	Resolution Time (repair time) is the time to resolve the fault starting from the moment of reaching the PV plant. Resolution Time is may not be guaranteed, because resolution time often does not depend totally on the O&M Contractor. The value should be entered as a durationItemType using the ISO8601 format of PnYnMnDTnHnMnS, where H means hours, M means minutes, and S means seconds.				
OperationalIssuesTitleOfIssue	Issue Title	Title of the issue.				
OperationalIssuesWarrantyRelated	Operational Issues, Warranty Related, Flag	Indicates that the operational issue is warranty related. If it is warranty related, TRUE; if it is not, FALSE				
OperationalPerformanceAbstract	Operational Performance [Abstract]	Information about the operational performance of the installation.				
OperationalPerformanceCompanyResponsibleForRepair	Company Responsible For Repair, Name	Name of company responsible for repairing or maintaining a specific piece of equipment.				
OperationalPerformanceDaylightHoursInceptionToDate	Operational Performance, Expected Daylight Hours Inception To Date, Number Of Hours	Expected number of daylight inverter hours from inception to date when there is sufficient daylight to activate the inverters.				
OperationalPerformanceDaysOfOperation	Operational Performance, Days Of Operation	Number of days of operation on the project.				
OperationalPerformanceDaysProductionLost	Operational Performance, Days Of Production Lost	Total days of production lost due to issues.				
OperationalPerformanceDowntime	Inverter Downtime, Number Of Hours	Number of hours of inverter downtime.				
OperationalPerformanceDowntimeInceptionToDate	Inverter Downtime, Number Of Hours, Inception To Date	Number of inverter hours downtime from inception to date.				
OperationalPerformanceFailedComponent	Failed Component	Name of failed component.				

OperationalPerformanceFaultCodeCount	Fault Code Count	Number of fault codes generated by inverters.				
--------------------------------------	------------------	---	--	--	--	--

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
OperationalPerformanceHostElectricityUseProfile	Host Electricity Use Profile, Percent	Host Electricity Use Profile defined as system size as percent of customer load.				
OperationalPerformanceHostPurchaseOptionTerms	Host Purchase Option Terms, Description	Description of host purchase option terms.				
OperationalPerformanceInsulatedGateBipolarTransistorsTemperature	Insulated Gate Bipolar Transistors Of the Inverter (IGBT), Temperature	Temperature of the IGBT (insulated gate bipolar transistors of the inverter). Can be reported as Celsius or Fahrenheit by the preparer when specifying units in the instance document.				
OperationalPerformancePreventativeMaintenancePercentCompleted	Preventative Maintenance Completed, Percent	Percent of preventative maintenance that has been completed.				
OperationalPerformancePreventativeMaintenancePercentRemaining	Preventative Maintenance Remaining, Percent	Percent of preventative maintenance remaining to be completed.				
OperationalReportingAbstract	Operational Reporting [Abstract]	Information about a major event that is included in a regular operating report.				
OperationalReportingAgreementRelatedToMajorEvent	Agreement Related To Major Reported Event, Name	Agreement or contract associated with a major event that happened during the period related to the operations of the project. Agreement could be the Asset Management Agreement, the Engineering Procurement and Construction Contract, the Limited Liability Company Agreement, the Management Services Agreement, the Interconnection Agreement, the Power Purchase Agreement, Lease Agreement or Site Lease.				
OperationalReportingAgreementSectionRelatedToMajorEvent	Agreement Section Related To Action, Description	Description of the section in the agreement related to the action.				
OperationalReportingAgreementVarianceRelatedToMajorEvent	Agreement Variance Related To Action, Description	Description of variance from expectations contained in the agreement related to the action.				
OperationalReportingCommentAboutMajorEvent	Comment About Major Reported Event	Comment about a major event that happened during the period related to the operations of the project.				
OperationalReportingDateOfMajorEvent	Major Reported Event, Date	Date of a major event that happened during the period related to the operations of the project.				
OperationalReportingDescriptionOfMajorEvent	Major Reported Event, Description	Description of a major event that happened during the period related to the operations of the project.				
OperationalReportingMajorEvent	Major Reported Event	Title of a major event that happened during the period related to the operations of the project.				
OperationalReportingResponseTimeToMajorEvent	Response Time to Major Reported Event	Amount of time taken to respond to a major event that happened during the period related to the operations of the project.				
OperationalReportingSeverityOfMajorEvent	Operational Major Event, Severity Of Event	Level of severity of the major operational event, which can be Low, Moderate, or High.				

OperationalStatus	Operational Status Of The System, Flag	Confirmation that the system is in operation. If in operation, TRUE; if not in operation, FALSE.				
OperationsAbstract	Operations [Abstract]	Information about the on-going operations of the solar installation.				
OperationsAndMaintenanceAvailabilityOfDocument	Availability Of Operations And Maintenance Agreement, Flag	Indicates if the Operations And Maintenance Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
OperationsAndMaintenanceAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Operations And Maintenance Agreement, Flag	Indicates if there are exceptions to the Operations And Maintenance Agreement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
OperationsAndMaintenanceAvailabilityOfFinalDocument	Availability Of Final Operations And Maintenance Agreement, Flag	Indicates if the Operations And Maintenance Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
OperationsAndMaintenanceCompanyName	Operations and Maintenance Company, Name	Entity that is operating the system at the time the certificate is issued.				
OperationsAndMaintenanceCompanyWebsite	Operations and Maintenance Company, Web Site	Website of the entity that is operating the system at time certificate is issued.				
OperationsAndMaintenanceContractAbstract	Operations And Maintenance Contract [Abstract]	Information about the Operations and Maintenance Contract.				
OperationsAndMaintenanceContractAddress	Operations and Maintenance Contract Address	Address of the system operations and maintenance provider.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
OperationsAndMaintenanceContractAddressAbstract	Operations And Maintenance Provider Address [Abstract]	Address of the Operations and Maintenance provider.				
OperationsAndMaintenanceContractAvailabilityOfDocument	Availability Of Operations And Maintenance Contract, Flag	Indicates if the Operations And Maintenance Contract is available. If it is available, TRUE; if it is not available, FALSE.				
OperationsAndMaintenanceContractAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Operations And Maintenance Contract, Flag	Indicates if there are exceptions to the Operations And Maintenance Contract. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
OperationsAndMaintenanceContractAvailabilityOfFinalDocument	Availability Of Final Operations And Maintenance Contract, Flag	Indicates if the Operations And Maintenance Contract is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
OperationsAndMaintenanceContractAxis	Operations And Maintenance Contract [Axis] [No Default]	Used as the identifier for information about the Operations and Maintenance Contract.				
OperationsAndMaintenanceContractCapOnLiabilities	Operations And Maintenance Contract, Cap on Liabilities	Amount of the the cap on operations and maintenance liabilities.				
OperationsAndMaintenanceContractCommencementDate	Operations And Maintenance Contract, Commencement Date	Start date of the Operations and Maintenance contract.				
OperationsAndMaintenanceContractContinuityAgreementKeyTerms	Operations And Maintenance Continuity Agreement Key Terms, Description	Description of key terms in the Operations and Maintenance Continuity contract.				
OperationsAndMaintenanceContractCounterparty	Operations And Maintenance Contract, Counterparty	Name of contractor on the Operations and Maintenance contract.				

OperationsAndMaintenanceContractCustomer	Operations And Maintenance Contract, Customer	Name of the project company.				
OperationsAndMaintenanceContractDetailsLineItems	Operations And Maintenance Contract Details [Line Items]	Represents line items used to describe the Operations and Maintenance Contract.				
OperationsAndMaintenanceContractDocumentLink	Operations And Maintenance Contract, Link	Link to the Operations And Maintenance Contract document.				
OperationsAndMaintenanceContractEffectiveDate	Operations And Maintenance Contract, Effective Date	Effective date of the Operations and Maintenance agreement.				
OperationsAndMaintenanceContractExceptionDescription	Operations And Maintenance Contract Exceptions, Description	Description of any exceptions to the Operations And Maintenance Contract.				
OperationsAndMaintenanceContractExpirationDate	Operations And Maintenance Contract, Expiration Date	Expiration date of the Operations and Maintenance contract.				
OperationsAndMaintenanceContractFee	Operations And Maintenance Contract, Fee	Amount of fees specified in the Operations and Maintenance contract to be paid to the contractor.				
OperationsAndMaintenanceContractIdentificationDomain	Operations And Maintenance Contract Identification [Domain]	Used as the identifier for information about the Operations and Maintenance Contract.				
OperationsAndMaintenanceContractInitiationDate	Operations And Maintenance Contract, Initiation Date	Initiation date of the Operations and Maintenance contract.				
OperationsAndMaintenanceContractInvoicingDate	Operations And Maintenance Contract Invoicing, Date	Invoicing date of the Operations and Maintenance contract.				
OperationsAndMaintenanceContractManualAvailability	Operations And Maintenance Manual Availability	Availability of an Operations and Maintenance manual. If the manual is available, TRUE; if not available, FALSE.				
OperationsAndMaintenanceContractOperatingPlan	Operating Plan, Description	Description of the operating plan.				
OperationsAndMaintenanceContractorGuaranteedOutput	Operations And Maintenance Contractor, Guaranteed Output, Power	Output in kWh guaranteed by the contractor in the Operations and Maintenance contract.				
OperationsAndMaintenanceContractorPerformanceGuarantee	Operations And Maintenance Contract, Contractor Performance Guarantee, Percent	Operations and Maintenance contractor performance guarantee as percent of P50 energy production.				
OperationsAndMaintenanceContractorPerformanceGuaranteeCommencementDate	Operations And Maintenance Contract, Contractor Performance Guarantee, Initiation Date	Start date of the performance guarantee period in the Operations and Maintenance Contract.				
OperationsAndMaintenanceContractorPerformanceGuaranteeExpirationDate	Operations And Maintenance Contract, Contractor Performance Guarantee, Expiration Date	End date of the performance guarantee period in the Operations and Maintenance Contract.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
OperationsAndMaintenanceContractorPerformanceGuaranteeTerm	Operations And Maintenance Contract, Contractor Performance Guarantee, Term	Term of the contractor performance guarantee period in the Operations and Maintenance Contract. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6month and 10-day term would be represented as P4Y6M10D.				

OperationsAndMaintenanceContractorPerformanceGuaranteeType	Operations And Maintenance Contract, Contractor Performance Guarantee, Description	Description of the contractor performance guarantee in the Operations and Maintenance Contract.				
OperationsAndMaintenanceContractPaymentDeadline	Operations And Maintenance Contract Payment Deadline, Date	Payment deadline date of the Operations and Maintenance contract.				
OperationsAndMaintenanceContractPaymentMethod	Operations And Maintenance Contract Payment Method, Description	Description of the payment method for the Operations and Maintenance contract.				
OperationsAndMaintenanceContractPerformanceGuaranteeAbstract	Operations And Maintenance Contract Performance Guarantee [Abstract]	Information about the Operations and Maintenance contractor performance guarantee.				
OperationsAndMaintenanceContractPerformanceGuaranty	Operations And Maintenance Contract, Performance Guarantee, Description	Description of the performance guarantee.				
OperationsAndMaintenanceContractProvider	Operations And Maintenance Provider, Name	Name of the operations and maintenance provider which may be different from the counterparty. For example, it could be provided by a subcontractor.				
OperationsAndMaintenanceContractProviderContactNameAndTitle	Operations And Maintenance Provider Contact, Name And Title	Name and title of contact on the Operations And Maintenance contract				
OperationsAndMaintenanceContractRate	Operations And Maintenance Contract, Rate, Amount	Rate in currency per kWdc per year of the Operations and Maintenance contract.				
OperationsAndMaintenanceContractRateEscalator	Operations And Maintenance Contract, Rate Escalator, Percent	Escalator percent rate increase per year in the Operations and Maintenance contract.				
OperationsAndMaintenanceContractRateType	Operations And Maintenance Contract, Rate Type, Description	Description of contract rate type in the Operations and Maintenance contract.				
OperationsAndMaintenanceContractResponseTime	Operations And Maintenance Provider, Response Time	Expected response time in hours of the Operations and Maintenance provider.				
OperationsAndMaintenanceContractScopeofWork	Operations And Maintenance Contract, Scope of Work, Description	Description of scope of work in the Operations and Maintenance contract.				
OperationsAndMaintenanceContractSecondarySubcontractorAddress	Secondary Operations and Maintenance Subcontractor Address	Address for the backup Operations and Maintenance subcontractor.				
OperationsAndMaintenanceContractSecondarySubcontractorCompany	Secondary Operations and Maintenance Subcontractor, Name	Name of the backup Operations and Maintenance subcontractor company.				
OperationsAndMaintenanceContractSecondarySubcontractorContactNameAndTitle	Secondary Operations and Maintenance Subcontractor Contact, Name and Title	Name and title of contact at backup Operations and Maintenance subcontractor				
OperationsAndMaintenanceContractSecondarySubcontractorEmail	Secondary Operations and Maintenance Subcontractor, Email	Email address for the backup Operations and Maintenance subcontractor.				
OperationsAndMaintenanceContractSecondarySubcontractorPhone	Secondary Operations and Maintenance Subcontractor, Phone	Telephone number for the backup Operations and Maintenance subcontractor.				
OperationsAndMaintenanceContractSpecialFeatures	Operations And Maintenance Contract, Special Features, Description	Description of special features in the Operations and Maintenance contract.				
OperationsAndMaintenanceContractStructureAndHistory	Operations And Maintenance Contract, Contract Structure And History	Description of structure and history of the Operations and Maintenance contract.				

OperationsAndMaintenanceContractSubcontractor	Primary Operations and Maintenance Contract, Subcontractor	Name of the primary subcontractor in the Operations and Maintenance Contract.				
OperationsAndMaintenanceContractSubcontractorAddress	Primary Operations And Maintenance Subcontractor Address	Address of primary Operations And Maintenance subcontractor.				
OperationsAndMaintenanceContractSubcontractorContactNameAndTitle	Primary Operations And Maintenance Subcontractor Contact, Name and Title	Name and title of primary subcontractor contact.				
OperationsAndMaintenanceContractSubcontractorEmail	Primary Operations And Maintenance Subcontractor, Email	Email of the primary Operations And Maintenance subcontractor.				
OperationsAndMaintenanceContractSubcontractorScopeofWork	Operations and Maintenance Contract, Subcontractor Scope of Work, Description	Description of the scope of the work of the subcontractor in the Operations and Maintenance Contract.				
OperationsAndMaintenanceContractSubcontractorTelephone	Primary Operations And Maintenance Subcontractor, Phone	Phone number of the primary Operations And Maintenance subcontractor.				
OperationsAndMaintenanceContractTable	Operations And Maintenance Contract [Table]	Represents information about the Operations and Maintenance Contract such as term, contracting parties, scope of work, etc.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
OperationsAndMaintenanceContractTerm	Operations And Maintenance Contract, Term	Term of the Operations and Maintenance contract. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
OperationsAndMaintenanceContractTerminationRights	Operations And Maintenance Contract, Termination Rights, Description	Description of termination rights for the operator and the project company.				
OperationsAndMaintenanceDocumentLink	Operations And Maintenance Manual, Link	Link to the Operations And Maintenance Manual document.				
OperationsAndMaintenanceExceptionDescription	Operations And Maintenance Agreement Exceptions, Description	Description of any exceptions to the Operations And Maintenance Agreement or issues raised.				
OperationsAndMaintenanceManualAbstract	Operations And Maintenance Manual [Abstract]	Information about the Operations and Maintenance Manual for the project.				
OperationsAndMaintenanceManualAvailabilityOfDocument	Availability Of Operations And Maintenance Manual, Flag	Indicates if the Operations and Maintenance Manual is available. If it is available, TRUE; if it is not available, FALSE.				
OperationsAndMaintenanceManualAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Operations And Maintenance Manual, Flag	Indicates if there are exceptions to the Operations and Maintenance Manual or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
OperationsAndMaintenanceManualAvailabilityOfFinalDocument	Availability Of Final Operations And Maintenance Manual, Flag	Indicates if the Operations and Maintenance Manual is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
OperationsAndMaintenanceManualCounterparties	Counterparties To The Operations And Maintenance Manual, Names	Names of counterparties to the Operations and Maintenance Manual.				
OperationsAndMaintenanceManualEffectiveDate	Operations And Maintenance Manual, Effective Date	Effective date of the Operations and Maintenance Manual.				

OperationsAndMaintenanceManualExceptionDescription	Operations And Maintenance Manual Exceptions, Description	Description of any exceptions to the Operations and Maintenance Manual or issues raised.				
OperationsAndMaintenanceParticipantAbstract	Operations and Maintenance Participant [Abstract]	Information about the operations and maintenance participant.				
OperationsAndMaintenanceProviderCaseIdentifier	Case Identifier Of Operations And Maintenance Provider	Case identifier for the operations and maintenance provider.				
OperationsAndMaintenanceTechnicianSystemEmployeeCount	Technician System Employees, Count	Number of technician system employees.				
OperationsManagerAbstract	Operations Manager [Abstract]	Information about the Operations Manager.				
OperationsManagerBillingMethod	Operations Manager Billing Method, Description	Description of the operations manager billing method.				
OperationsManagerConsumablesStrategy	Operations Manager Consumables Strategy, Description	Description of the operations manager consumables strategy. consumables are items such as fuses that are used up quickly and must be replenished.				
OperationsManagerContinuityOfOperationsProgram	Operations Manager Continuity of Operations Program, Description	Description of the operations manager continuity of operations program.				
OperationsManagerDetailsLineItems	Operations Manager Details [Line Items]	Used to group a listing of information about an Operations Manager.				
OperationsManagerEnergyForecastingCapabilities	Operations Manager Energy Forecasting Capabilities, Description	Description of the energy forecasting and settlement capabilities and tools of the operations manager.				
OperationsManagerFailureAndRemediationProcedures	Operations Manager Failure and Remediation Procedures, Description	Description of the operations manager failure and remediation procedures.				
OperationsManagerFederalTaxIdentificationNumber	Operations Manager, Federal Tax Identification Number	Federal tax identification number for the Operations Manager.				
OperationsManagerIdentifier	Operations Manager Identifier	Identifier for the Operations Manager.				
OperationsManagerIdentifierAxis	Operations Manager Identifier [Axis]	Used as the identifier for the Operations Manager.				
OperationsManagerIdentifierDomain	Operations Manager Identifier	Used as the identifier for the Operations Manager.				
OperationsManagerInsurancePolicyManagement	Operations Manager Insurance Policy Management, Description	Description of the operations manager insurance policy management.				
OperationsManagerMegawattsUnderManagement	Operations Manager Megawatts Under Management, Power	Number of megawatts under management by Operations and Maintenance manager.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
OperationsManagerNERCAndFERCQualifications	Operations Manager NERC and FERC Qualifications, Description	Description of the qualifications required through the North American Electric Reliability Corporation (NERC) and Federal Energy Regulatory Commission (FERC) for the operations manager.				

OperationsManagerNumberOfProjects	Operations Manager Projects, Number	Number of projects under management by Operations and Maintenance manager.				
OperationsManagerNumberOfStates	Operations Manager Number of States	Number of states where Operations and Maintenance manager operates.				
OperationsManagerOperationalCenter	Operations Manager Operational Center, Description	Description of the operational center managed by the operations manager.				
OperationsManagerOtherServices	Operations Manager Other Services, Description	Description of other service offerings available from the operations manager.				
OperationsManagerOutsourcingPlan	Operations Manager Outsourcing Plan, Description	Description of operational areas that will be outsourced along with qualifications of the companies the operations manager will engage.				
OperationsManagerPerformanceByGeographyAbstract	Operations Manager Performance By Geography [Abstract]	Information about the performance of the operations manager by state.				
OperationsManagerPerformanceByGeographyLineItems	Operations Manager Performance By Geography [Line Items]	Used to group information about the state by state performance of the operations manager.				
OperationsManagerPerformanceByGeographyTable	Operations Manager Performance By Geography [Table]	Table represents state by state performance defined as actual to energy production of projects of the operations manager.				
OperationsManagerPerformanceGuarantees	Operations Manager Performance Guarantees, Description	Description of the operations manager performance guarantees.				
OperationsManagerPreventativeAndCorrectiveMaintenance	Operations Manager Preventative and Corrective Maintenance, Description	Description of the preventative and corrective maintenance plan and use of major maintenance budgets and reserve account by the operations manager.				
OperationsManagerRenewableEnergyCreditAccounting	Operations Manager Renewable Energy Credit Accounting, Description	Description of the operations manager plans for renewable energy credit (REC) accounting, for example through WREGIS, renewable energy registry and tracking.				
OperationsManagerReporting	Operations Manager Reporting, Description	Description of the operations manager reporting plan, for example monthly operating reports, establishing a reporting portal.				
OperationsManagerSparePartsStrategy	Operations Manager Spare Parts Strategy, Description	Description of the operations manager spare parts strategy.				
OperationsManagerSupplyStrategy	Operations Manager Supply Strategy, Description	Description of the operations manager supply strategy.				
OperationsManagerTable	Operations Manager [Table]	Represents information used to evaluate an operations manager, for example number of megawatts and projects under management, states where the manager has operated, production statistics by state, NERC and FERC qualifications, as well as description of strategies for reporting, continuity programs, supply, remediation, insurance policies and REC accounting.				
OperationsManagerWarrantyExperience	Operations Manager Warranty Experience, Description	Description of the operations manager warranty claims experience and warranty work management.				
OperationsManagerWorkflow	Operations Manager Workflow, Description	Description of the operations manager workflow process and ticketing system.				

OperationsManualAbstract	Operations Manual [Abstract]	Information about the Operations Manual for the project.				
OperationsManualAvailabilityOfDocument	Availability Of Operations Manual, Flag	Indicates if the Operations Manual is available. If it is available, TRUE; if it is not available, FALSE.				
OperationsManualAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Operations Manual, Flag	Indicates if there are exceptions to the Operations Manual or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
OperationsManualAvailabilityOfFinalDocument	Availability Of Final Operations Manual, Flag	Indicates if the Operations Manual is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
OperationsManualCounterparties	Counterparties To The Operations Manual, Names	Names of counterparties to the Operations Manual.				
OperationsManualDocumentLink	Operations Manual, Link	Link to the Operations Manual document.				
OperationsManualEffectiveDate	Operations Manual, Effective Date	Effective date of the Operations Manual.				
OperationsManualExceptionDescription	Operations Manual Exceptions, Description	Description of any exceptions to the Operations Manual or issues raised.				
OperationsManualExpirationDate	Operations Manual, Expiration Date	Expiration date of the Operations Manual.				
OperationsProjectsManagerToThirdPartyOwned	Operations Projects Manager Owned to Third Party Owned, Percent	Ratio of projects owned by Operations and Maintenance Manager versus projected owned by third parties.				
OperatorGuaranteeAbstract	Operator Guarantee [Abstract]	Information about the Operator Guarantee for the project.				
OperatorGuaranteeAvailabilityOfDocument	Availability Of Operator Guarantee, Flag	Indicates if the Operator Guarantee is available. If it is available, TRUE; if it is not available, FALSE.				
OperatorGuaranteeAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Operator Guarantee, Flag	Indicates if there are exceptions to the Operator Guarantee or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
OperatorGuaranteeAvailabilityOfFinalDocument	Availability Of Final Operator Guarantee, Flag	Indicates if the Operator Guarantee is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
OperatorGuaranteeCounterparties	Counterparties To The Operator Guarantee, Names	Names of counterparties to the Operator Guarantee.				
OperatorGuaranteeDocumentLink	Operator Guarantee, Link	Link to the Operator Guarantee document.				
OperatorGuaranteeEffectiveDate	Operator Guarantee, Effective Date	Effective date of the Operator Guarantee.				
OperatorGuaranteeExceptionDescription	Operator Guarantee Exceptions, Description	Description of any exceptions to the Operator Guarantee or issues raised.				

OperatorGuaranteeExpirationDate	Operator Guarantee, Expiration Date	Expiration date of the Operator Guarantee.				
OperatorPerformanceGuaranteeSponsorGuaranteedOutput	Operator Performance Guarantee, Sponsor Guaranteed Output, Energy	Guaranteed kWh output (developer as sponsor) per the Operator Performance Guarantee.				
OperatorPerformanceGuaranteeSponsorPerformanceGuarantee	Operator Performance Guarantee, Sponsor Performance Guarantee, Percent	Sponsor performance guarantee as percent of P50 energy production per the Operator Performance Guarantee.				
OperatorPerformanceGuaranteeSponsorPerformanceGuaranteeExpirationDate	Operator Performance Guarantee, Sponsor Performance Guarantee, Expiration Date	Expiration date of the sponsor performance guarantee per the Operator Performance Guarantee.				
OperatorPerformanceGuaranteeSponsorPerformanceGuaranteeInitiationDate	Operator Performance Guarantee, Sponsor Performance Guarantee, Initiation Date	Initiation date of the sponsor performance guarantee per the Operator Performance Guarantee.				
OperatorPerformanceGuaranteeSponsorPerformanceGuaranteeTerm	Operator Performance Guarantee, Sponsor Performance Guarantee, Term	Term of the sponsor performance guarantee per the Operator Performance Guarantee. The value should be entered using the ISO8601 format of PnYnMnDnTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
OperatorPerformanceGuaranteeSponsorPerformanceGuaranteeType	Operator Performance Guarantee, Sponsor Performance Guarantee, Description	Description of the sponsor performance guarantee type per the Operator Performance Guarantee.				
OperatorPerformanceSponsorGuaranteeAbstract	Operator Performance, Sponsor Guarantee [Abstract]	Information about the operator performance sponsor guarantee.				
OptimizerCertificationListing	Optimizer Certification Listing, Description	Description of certifications available for the optimizer.				
OptimizerCertificationsAbstract	Optimizer Certifications [Abstract]	Information about optimizer certifications which can be EN61000, IEC61010, or UL1741.				
OptimizerHasCertificationEN61000	Optimizer Has Certification EN61000, Flag	Indicates if the optimizer has EN61000 certification, emissions and immunity standard. If it does, TRUE; if it does not, FALSE.				
OptimizerHasCertificationIEC61010	Optimizer Has Certification IEC61010, Flag	Indicates if the optimizer has iec61010 certification, safety standard. If it does, TRUE; if it does not, FALSE.				
OptimizerHasCertificationUL1741	Optimizer Has Certification UL1741, Flag	Indicates if the optimizer has ul1741 certification, safety standard. If it does, TRUE; if it does not, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
OptimizerMaximumEfficiency	Optimizer Maximum Efficiency, Percent	Maximum percent efficiency rating of the optimizer.				
OptimizerMaximumInputCurrent	Optimizer Maximum Input Current	Maximum amount of current that the optimizer can safely draw.				
OptimizerMaximumInputVoltage	Optimizer Maximum Input Voltage	Maximum rated voltage of the optimizer. Maximum rated voltage of the optimizer. Absolute maximum input voltage Voc at the lowest temperature according to NEC.				
OptimizerMaximumOutputCurrent	Optimizer Maximum Output Current	Maximum amount of current that the optimizer can output.				

OptimizerMaximumOutputVoltage	Optimizer Maximum Output Voltage	Maximum voltage that the optimizer can output.				
OptimizerMaximumShortCircuitCurrent	Optimizer Maximum Short Circuit Current	This is the maximum input current, based on PV module, that the optimizer can handle.				
OptimizerMaximumSystemVoltage	Optimizer Maximum System Voltage	Maximum system DC voltage that the optimizer can support.				
OptimizerMember	Optimizer [Member]	Device used to optimize the performance of individual modules.				
OptimizerMPPTOperatingRangeVoltageMaximum	Optimizer MPPT Operating Range Maximum, Amount	Optimizer Maximum Power Point Tracking maximum operating voltage range.				
OptimizerMPPTOperatingRangeVoltageMinimum	Optimizer MPPT Operating Range Minimum, Amount	Optimizer Maximum Power Point Tracking minimum operating voltage range.				
OptimizerRatedInputPower	Optimizer Rated Input Power	Rated input power of the optimizer.				
OptimizerServiceability	Optimizer Serviceability, Description	Description of the level of serviceability of the optimizer, for example, a stand-alone unit that can be easily replaced, a unit attached to a module that may be replaced in the field (although not all of them can be), an embedded device that cannot be serviced separate from the module.				
OptimizerType	Optimizer Type	Physical type of optimizer which can be standalone, attached to a module, embedded in the module or other.				
OptimizerWeightedEfficiency	Optimizer Weighted Efficiency, Percent	Measured efficiency under test conditions equal to California Energy Commission (CEC) test conditions.				
OrientationAbstract	Orientation [Abstract]	Information about the orientation of the sub array.				
OrientationAzimuth	Orientation Azimuth	Azimuth of the sun, measured in degrees. The horizontal angle measured clockwise from true north, e.g. True North = 0 degrees, East = 90 degrees, South = 180 degrees, etc.				
OrientationGroundCoverageRatio	Orientation Ground Cover Ratio, Percent	The ratio of the photovoltaic array area to the total ground area. For an array configured in rows of modules, the GCR is the length of the side of one row divided by the distance between the bottom of one row and the bottom of its neighboring row. An array with a low ground coverage ratio (closer to zero) has rows spaced further apart than an array with a high ground coverage ratio (closer to 1). The ground coverage ratio must be a value greater than 0.01 and less than 0.99.				
OrientationMaximumTrackerRotationLimit	Orientation Maximum Tracker Rotation Limit, Degrees	Maximum (positive) angle of rotation from the vertical plane (at zero degrees) clockwise about the horizontal axis when observed from the equator for north south oriented single axis trackers or from the easterly direction for dual axis trackers or east west oriented single axis trackers.				

OrientationMinimumTrackerRotationLimit	Orientation Minimum Tracker Rotation Limit, Degrees	Minimum (negative) angle of rotation from the vertical plane (at zero degrees) clockwise about the axis when observed from the equator for north south oriented single axis trackers or from the easterly direction for dual axis trackers or east west oriented single axis trackers.				
--	---	--	--	--	--	--

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
OrientationTilt	Orientation Tilt, Degrees	The array's tilt angle in degrees from horizontal, where zero degrees is horizontal, and 90 degrees is vertical and facing the equator (in both the southern and northern hemispheres)				
OtherAssetsCurrent	Other Assets, Current	Amount of current assets classified as other.				
OtherCostAndExpenseOperating	Other Cost and Expense, Operating	The total amount of other operating cost and expense items that are associated with the entity's normal revenue producing operation.				
OtherEquipmentDueDiligenceReportsAbstract	Other Equipment Due Diligence Reports [Abstract]	Information about the Other Equipment Due Diligence Reports which covers technical reviews of major pieces of equipment and identifies exceptions.				
OtherEquipmentDueDiligenceReportsAvailabilityOfDocument	Availability Of Other Equipment Due Diligence Reports, Flag	Indicates if the Other Equipment Due Diligence Reports is available. If it is available, TRUE; if it is not available, FALSE.				
OtherEquipmentDueDiligenceReportsAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Other Equipment Due Diligence Reports, Flag	Indicates if there are exceptions to the Other Equipment Due Diligence Reports. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
OtherEquipmentDueDiligenceReportsAvailabilityOfFinalDocument	Availability Of Final Other Equipment Due Diligence Reports, Flag	Indicates if the Other Equipment Due Diligence Reports is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
OtherEquipmentDueDiligenceReportsCounterparties	Counterparties To The Other Equipment Due Diligence Reports, Names	Names of counterparties to the Other Equipment Due Diligence Reports.				
OtherEquipmentDueDiligenceReportsDocumentLink	Other Equipment Due Diligence Reports, Link	Link to the Other Equipment Due Diligence Reports document.				
OtherEquipmentDueDiligenceReportsEffectiveDate	Other Equipment Due Diligence Reports, Effective Date	Effective date of the Other Equipment Due Diligence Reports.				
OtherEquipmentDueDiligenceReportsExceptionDescription	Other Equipment Due Diligence Reports Exceptions, Description	Description of any exceptions to the Other Equipment Due Diligence Reports.				
OtherEquipmentDueDiligenceReportsExpirationDate	Other Equipment Due Diligence Reports, Expiration Date	Expiration date of the Other Equipment Due Diligence Reports.				
OtherExpenses	Other Expenses	Amount of expense classified as other.				
OtherGeneralAndAdministrativeExpense	Other General and Administrative Expense	Amount of general and administrative expense classified as other.				
OtherIncome	Other Income	Amount of revenue and income classified as other.				
OtherLiabilitiesCurrent	Other Liabilities, Current	Amount of liabilities classified as other, due within one year or the normal operating cycle, if longer.				

OtherLiabilitiesNoncurrent	Other Liabilities, Noncurrent	Amount of liabilities classified as other, due after one year or the normal operating cycle, if longer.				
OtherPaymentsToFinanciers	Other Payments to Financiers, Amount	Amount of other payments made to financiers.				
OtherPermitsAbstract	Other Permits [Abstract]	Information about other permits.				
OtherPermitsAxis	Other Permits [Axis]	Used as identifier for other permits.				
		Used to group information about other permits on a site.				
OtherPermitsDetailsLineItems	Other Permits Details [Line Items]					
OtherPermitsDomain	Other Permits [Domain]	Used as identifier for other permits.				
OtherPermitsGoverningAuthorityName	Other Permits, Governing Authority, Name	Name of the governing authority that issued permit				
OtherPermitsIdentifier	Other Permits, Identifier	Identifier for other permits needed for the site.				
OtherPermitsIssueDate	Other Permits, Issue Date	Date on which permit was issued				
OtherPermitsLink	Other Permits, Link	Link to permit				
		Represents information related to other permits such as electrical or building permits that may be relevant to the site.				
OtherPermitsTable	Other Permits [Table]					
OtherPermitsType	Other Permits Type, Description	Description of the type of other permit related to the site, for example, Electrical, Building, Wetlands.				
OtherTaxExpenseBenefit	Other Tax Expense (Benefit)	Amount of other income tax expense (benefit).				
	Other Testing Source Requirement Documents Used, Description	Description of source document requirements used for other testing.				
OtherTestingSourceRequirementDocumentsUsedDescription						
ParallelMonitoringAbstract	Parallel Monitoring [Abstract]	Information about parallel monitoring.				
ParallelMonitoringContractExpirationDate	Parallel Monitoring Contract, Expiration Date	Expiration date of the parallel monitoring contract.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ParallelMonitoringContractInitiationDate	Continuity of Operations Agreement, Parallel Monitoring, Contract Initiation Date	Initiation date of parallel monitoring contract per the Continuity of Operations Agreement which is the plan for the installation going forward including contingencies which may be triggered by financial performance.				

ParallelMonitoringContractTerm	Continuity of Operations Agreement, Parallel Monitoring, Contract Term	Term of the parallel monitoring contract in years per the Continuity of Operations Agreement which is the plan for the installation going forward including contingencies which may be triggered by financial performance. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6month and 10-day term would be represented as P4Y6M10D.				
ParallelMonitoringCounterparty	Continuity of Operations Agreement, Parallel Monitoring, Counterparty	Name of parallel monitoring provider (activated at start of project, continue working throughout the project) per the Continuity of Operations Agreement which is the plan for the installation going forward including contingencies which may be triggered by financial performance.				
ParallelMonitoringOngoingMonthlyFee	Continuity of Operations Agreement, Parallel Monitoring Ongoing Monthly Fee, Amount	Ongoing Monthly Fees for Parallel Monitoring Contract per the Continuity of Operations Agreement which is the plan for the installation going forward including contingencies which may be triggered by financial performance.				
ParallelMonitoringUpfrontMobilizationFee	Continuity of Operations Agreement, Parallel Monitoring Upfront Mobilization Fee, Amount	Upfront mobilization Fee for Parallel Monitoring Contract per the Continuity of Operations Agreement which is the plan for the installation going forward including contingencies which may be triggered by financial performance.				
ParasiticLossModelFactorTMMPercent	Parasitic Loss Model Factor, Typical Met Month, Percent	Percentage of kWh lost due to annualized Parasitic Energy loss (inverters, trackers, etc.) for a typical meteorological month, calculation based on major design/energy production model used.				
ParasiticLossModelFactorTMYPercent	Parasitic Loss Model Factor, Typical Met Year, Percent	Percentage of kWh lost due to annualized Parasitic Energy loss (inverters, trackers, etc.) for a typical meteorological year, calculation based on major design/energy production model used.				
ParentCompanyAbstract	Parent Company [Abstract]	Information about parent company relationships.				
ParentCompanyChildCompanyType	Parent Company, Child Company, Type	Type of child company which can be counterparty or Special Purpose Vehicle.				
ParentCompanyDetailsLineItems	Parent Company Details [Line Items]	Used to group a listing of information about a Parent Company.				
ParentCompanyIdentifierAxis	Parent Company Identifier [Axis]	Used as the identifier for a Parent Company.				
ParentCompanyIdentifierDomain	Parent Company Identifier [Domain]	Used as the identifier for a Parent Company.				
ParentCompanyStakeInChildCompanyPercent	Parent Company, Stake in Child Company, Percent	Percentage stake of the parent company in the child company.				
ParentCompanyTable	Parent Company [Table]	Represents information related to a Parent Company explaining its relationship to the special purpose vehicle and other subsidiaries.				
ParentCompanyType	Parent Company, Type	Type of parent company which can be counterparty or Special Purpose Vehicle.				
ParentGuaranteeAbstract	Parent Guarantee [Abstract]	Information about the guarantee by the developer to the parent company for project revenue.				

ParentGuaranteeBeneficiary	Parent Guarantee, Beneficiary	Name of the beneficiary of the Parent guarantee, which is provided by the parent of the developer to the project company in the event project revenue goals are not met.				
ParentGuaranteeDescription	Parent Guarantee, Description	Description of parent guarantee.				
ParentGuaranteeDocumentLink	Parent Guarantee, Link	Link to the Parent Guarantee document.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ParentGuaranteeDuration	Parent Guarantee, Duration	Duration of the Parent guarantee, which is provided by the parent of the developer to the project company in the event project revenue goals are not met. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6month and 10-day term would be represented as P4Y6M10D.				
ParentGuaranteeEffectiveDate	Parent Guarantee, Effective Date	Effective date of the parent guarantee.				
ParentGuaranteeExpirationDate	Parent Guarantee, Expiration Date	Expiration date of the parent guarantee.				
ParentGuaranteeGuarantor	Parent Guarantee, Guarantor	Name of the guarantor in the Parent Guarantee, which is provided by the parent of the developer to the project company in the event project revenue goals are not met.				
ParentGuaranteeLimits	Parent Guarantee, Guarantee Limits, Description	Goals of the guarantee in the Parent guarantee, which is provided by the parent of the developer to the project company in the event project revenue goals are not met.				
ParentGuaranteeMinimumLiquidity	Parent Guarantee, Minimum Liquidity, Amount	Minimum amount of cash on hand allowable by the investor in the Parent guarantee, which is provided by the parent of the developer to the project company in the event project revenue goals are not met.				
ParentGuaranteeObligations	Parent Guarantee, Obligations, Description	Description of reporting obligations in the Parent guarantee, which is provided by the parent of the developer to the project company in the event project revenue goals are not met.				
ParentGuaranteeObligors	Parent Guarantee, Obligor	Name of the obligor in the Parent guarantee, which is provided by the parent of the developer to the project company in the event project revenue goals are not met.				
PartnersCapitalAccountReturnOfCapital	Partners' Capital Account, Return of Capital	Total change in each class of partners' capital accounts during the year due to the return of partner's capital. That is, excess distributions over earnings to partners. All partners include general, limited and preferred partners.				
PartnershipFlipAbstract	Partnership Flip [Abstract]	Information about the partnership flip.				
PartnershipFlipContractForProjectAbstract	Partnership Flip Contract For Project [Abstract]	Information contained in the contract for a partnership flip.				

PartnershipFlipCounterparty	Partnership Flip Counterparty, Name	Name of the counterparty to the Partnership Flip.				
PartnershipFlipCounterpartyAddress	Partnership Flip Counterparty, Address	Address of the counterparty to the partnership flip.				
PartnershipFlipCounterpartyJurisdiction	Partnership Flip Counterparty Type, Description	Description of the type of counterparty in the partnership flip. For example, trust.				
PartnershipFlipCounterpartyType	Partnership Flip Counterparty Jurisdiction, Description	Jurisdiction of the counterparty in the partnership flip, for example, name of the state.				
PartnershipFlipP50FlipDate	Partnership Flip, P50 Flip Date	Date of the partnership flip when the annual energy output is a P50 yield.				
PartnershipFlipP50FlipPeriod	Partnership Flip, P50 Flip Period	Expected flip period for the partnership based on getting the average amount of expected output. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
PartnershipFlipP75FlipDate	Partnership Flip, P75 Flip Date	Date of the partnership flip when the annual energy output is a P75 yield.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
PartnershipFlipP75FlipPeriod	Partnership Flip, P75 Flip Period	Expected flip period for the partnership based on a P75 yield. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6month and 10-day term would be represented as P4Y6M10D.				
PartnershipFlipP90FlipDate	Partnership Flip, P90 Flip Date	Date of the partnership flip when the annual energy output is a P90 yield.				
PartnershipFlipP90FlipPeriod	Partnership Flip, P90 Flip Period	Expected flip period for the partnership based on a P90 yield. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6month and 10-day term would be represented as P4Y6M10D.				
PartnershipFlipP95FlipDate	Partnership Flip, P95 Flip Date	Date of the partnership flip when the annual energy output is a P95 yield.				
PartnershipFlipP95FlipPeriod	Partnership Flip, P95 Flip Period	Expected flip period for the partnership based on a P95 yield. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6month and 10-day term would be represented as P4Y6M10D.				
PartnershipFlipP99FlipDate	Partnership Flip, P99 Flip Date	Date of the partnership flip when the annual energy output is a P99 yield.				

PartnershipFlipP99FlipPeriod	Partnership Flip, P99 Flip Period	Expected flip period for the partnership based on a P99 yield. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6month and 10-day term would be represented as P4Y6M10D.				
PartnershipFlipServicingForProjectAbstract	Partnership Flip Servicing For Project [Abstract]	Information contained in the servicing for a partnership flip.				
PartnershipFlipTermOfContract	Partnership Flip, Contract Term	Contract term of the partnership flip. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
PaymentServicingAbstract	Payment Servicing [Abstract]	Information about the payment servicing of the oftaker.				
PaymentServicingACHPayment	ACH Payment, Flag	Indicates whether ACH payment capability has been set up; if it has, TRUE; if it has not, FALSE.				
PaymentServicingACHPaymentDiscountAmount	ACH Payment Discount, Amount	Amount of ACH payment discount.				
PaymentServicingACHPaymentDiscountPercent	ACH Payment Discount, Percent	Amount of ACH payment discount as a percentage.				
PaymentServicingACHPaymentPenalty	ACH Payment Penalty, Amount	Amount of ACH payment penalty.				
PaymentServicingAnnualEscalatorforLeasePayment	Annual Escalator for Lease Payment, Percent	Annual escalator percent increase compounded per year, calculated at project in-service date or date first monthly payment is due.				
PaymentServicingBaseLeasePayment	Base Lease Payment, Amount	Amount of the base lease payment, initial payment prior to escalation.				
PaymentServicingFirstPaymentDate	First Payment, Date	First payment date of the system.				
PaymentServicingInsurancePaymentReceived	Insurance Payment Received, Amount	Amount of the insurance payment received.				
PaymentServicingLastPaymentDate	Last Payment, Date	Date of the last payment to be made on the lease.				
PaymentServicingLeaseEscalatorEndDate	Lease Escalator, End Date	Date after which there can be no escalation in the lease payment.				
PaymentServicingLeaseEscalatorStartDate	Lease Escalator, Start Date	Date at which lease escalator goes into effect.				
PaymentServicingLeaseInitialMonthlyPayment	Lease Initial Monthly Payment, Amount	Amount of the initial monthly lease payment.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
PaymentServicingLeasePrepaid	Lease Payments Prepaid, Percent	Amount of total lease payments made upfront as percentage of total lease payments for the life of the lease.				

PaymentServicingLeasePrepaidAmount	Lease Payments Prepaid, Amount	Amount of total lease payments made upfront.				
PaymentServicingNextPaymentDate	Next Payment, Date	Date when the next lease payment is to be made.				
PaymentServicingNextRateAdjustmentDate	Next Rate Adjustment, Date	Next date when the rate is expected to be adjusted, for example, when the escalator will go into effect.				
PerformanceBasedIncentiveRevenue	Performance Based Incentive (PBI) Revenue	Performance Based Incentive (PBI) Revenue from the State of California. Is a rebate program based on the performance of the system.				
PerformanceGuaranteeAbstract	Performance Guarantee [Abstract]	Information about the guarantee between project company and a supplier.				
PerformanceGuaranteeDescription	Performance Guarantee, Description	Description of the Performance guarantee, which is provided by the operator or developer to guarantee a certain level of operating performance.				
PerformanceGuaranteeDocumentLink	Performance Guarantee, Link	Link to the Performance Guarantee document.				
PerformanceGuaranteeEffectiveDate	Performance Guarantee, Effective Date	Effective date of the Performance guarantee, which is provided by the operator or developer to guarantee a certain level of operating performance.				
PerformanceGuaranteeExclusions	Performance Guarantee, Exclusions	Description of exclusions in the Performance guarantee, which is provided by the operator or developer to guarantee a certain level of operating performance.				
PerformanceGuaranteeExpirationDate	Performance Guarantee, Expiration Date	Expiration date of the Performance guarantee, which is provided by the operator or developer to guarantee a certain level of operating performance.				
PerformanceGuaranteeLiquidatedDamages	Performance Guarantee, Liquidated Damages, Amount	Amount of liquidated damages in the Performance guarantee, which is provided by the operator or developer to guarantee a certain level of operating performance.				
PerformanceGuaranteeProvider	Performance Guarantee, Provider	Name of operator or developer providing the Performance guarantee, which is provided to guarantee a certain level of operating performance.				
PerformanceGuaranteeTerm	Performance Guarantee, Term	Term of the Performance guarantee, which is provided by the operator or developer to guarantee a certain level of operating performance. The value should be entered using the ISO8601 format of PnYnMnDnTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
PerformanceInsuranceMember	Performance Insurance [Member]	Performance Insurance, which provides protection for assets installed, revenue generated, third party liability and shortfall in energy output.				
PerformanceModelModifiedFlag	Performance Model Modified, Flag	Indication as to whether the performance model has been modified relative to the previous test completed. If it has been modified, TRUE; if it has not been modified, FALSE.				
PerformanceRatioMethodology	Performance Ratio Methodology, Description	Description of the methodology used to calculate the performance ratio which could be IECRE or another method.				

PeriodAnnualMember	Period Annual [Member]	Represents the time period of 1 year. This can be any year. Used to indicate that an amount is a annual amount. i.e. the rent is \$1000 a year.				
--------------------	------------------------	---	--	--	--	--

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
PeriodAxis	Period [Axis]	Used to indicate a generic period of time such as a quarter or month that is not related to a specific time span. For example rental expense for a month, or monthly . Includes specific months and the concept of a month.				
PeriodDomain	Period [Domain]	The default domain of the period axis.				
PeriodFirstQuarterMember	Period First Quarter [Member]	Represents the time period of the first quarter. Used for this quarter of any year.				
PeriodFourthQuarterMember	Period Fourth Quarter [Member]	Represents the time period of the fourth quarter. Used for this quarter of any year.				
PeriodicBudgetDetailsLineItems	Periodic Budget Details [Line Items]	Used to group a listing of information about the Periodic Budget.				
PeriodicBudgetEndDate	Periodic Budget, End Date	End date for the time period				
PeriodicBudgetIdentifierAxis	Periodic Budget Identifier [Axis]	Used as the identifier for the Periodic Budget.				
PeriodicBudgetIdentifierDomain	Periodic Budget Identifier [Domain]	Used as the identifier for the Periodic Budget.				
PeriodicBudgetNumberforthePeriod	Periodic Budget, Number for the Period	Number of the time period, for example 1 may represent the first quarter of the year.				
PeriodicBudgetOutputEnergy	Periodic Budget, Output, Energy	Gross energy output in the period, in megawatt hours, pre availability and curtailment.				
PeriodicBudgetStateDate	Periodic Budget, State Date	Start date for the time period				
PeriodicBudgetSystemAvailabilityPercent	Periodic Budget, System Availability, Percent	Plant availability in percent.				
PeriodicBudgetTable	Periodic Budget [Table]	Represents information about multiple periodic energy budgets.				
PeriodMonthAprilMember	Period Month April [Member]	Represents the time period of the month of April. Used for this month of any year.				
PeriodMonthAugustMember	Period Month August [Member]	Represents the time period of the month of August. Used for this month of any year.				
PeriodMonthDecemberMember	Period Month December [Member]	Represents the time period of the month of December. Used for this month of any year.				
PeriodMonthFebruaryMember	Period Month February [Member]	Represents the time period of the month of February. Used for this month of any year.				

PeriodMonthJanuaryMember	Period Month January [Member]	Represents the time period of the month of January. Used for this month of any year.				
PeriodMonthJulyMember	Period Month July [Member]	Represents the time period of the month of July. Used for this month of any year.				
PeriodMonthJuneMember	Period Month June [Member]	Represents the time period of the month of June. Used for this month of any year.				
PeriodMonthMarchMember	Period Month March [Member]	Represents the time period of the month of March. Used for this month of any year.				
PeriodMonthMayMember	Period Month May [Member]	Represents the time period of the month of May. Used for this month of any year.				
PeriodMonthMember	Period Month [Member]	Represents the time period of 1 month. This can be any month of any year. Used to indicate that an amount is a monthly amount. i.e. the rent is \$1000 a month.				
PeriodMonthNovemberMember	Period Month November [Member]	Represents the time period of the month of November. Used for this month of any year.				
PeriodMonthOctoberMember	Period Month October [Member]	Represents the time period of the month of October. Used for this month of any year.				
PeriodMonthSeptemberMember	Period Month September [Member]	Represents the time period of the month of September. Used for this month of any year.				
PeriodOfApplicableDistribution	Period Of Applicable Distribution	Period for which the cash distribution is made, for example the month of January, or the 2nd quarter.				
PeriodQuarterMember	Period Quarter [Member]	Represents the time period of 1 quarter. This can be any quarter of any year. Used to indicate that an amount is a quarterly amount. i.e. the rent is \$1000 a quarter.				
PeriodSecondQuarterMember	Period Second Quarter [Member]	Represents the time period of the second quarter. Used for this quarter of any year.				
PeriodThirdQuarterMember	Period Third Quarter [Member]	Represents the time period of the third quarter. Used for this quarter of any year.				
PermissionToOperateInterconnectionApprovalAbstract	Permission To Operate Interconnection Approval [Abstract]	Information about the Permission To Operate Interconnection Approval for the project.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
PermissionToOperateInterconnectionApprovalAvailabilityOfDocument	Availability Of Permission To Operate Interconnection Approval, Flag	Indicates if the Permission To Operate Interconnection Approval document is available. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
PermissionToOperateInterconnectionApprovalAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Permission To Operate Interconnection Approval, Flag	Indicates if there are exceptions to the Permission To Operate Interconnection Approval or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
PermissionToOperateInterconnectionApprovalAvailabilityOfFinalDocument	Availability Of Final Permission To Operate Interconnection Approval, Flag	Indicates if the Permission To Operate Interconnection Approval is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				

PermissionToOperateInterconnectionApprovalCounterparties	Counterparties To The Permission To Operate Interconnection Approval, Names	Names of counterparties to the Permission To Operate Interconnection Approval.				
PermissionToOperateInterconnectionApprovalCounterparties	Transmission Report and Curtailment Estimate Exceptions, Description	Description of any exceptions to the Transmission Report and Curtailment Estimate or issues raised.				
PermissionToOperateInterconnectionApprovalDocumentLink	Permission To Operate Interconnection Approval, Link	Link to the Permission To Operate Interconnection Approval document.				
PermissionToOperateInterconnectionApprovalEffectiveDate	Permission To Operate Interconnection Approval, Effective Date	Effective date of the Permission To Operate Interconnection Approval.				
PermissionToOperateInterconnectionApprovalExceptionDescription	Permission To Operate Interconnection Approval Exceptions, Description	Description of any exceptions to the Permission To Operate Interconnection Approval or issues raised.				
PermissionToOperateInterconnectionApprovalExpirationDate	Permission To Operate Interconnection Approval, Expiration Date	Expiration date of the Permission To Operate Interconnection Approval.				
PermitsAndAssessmentsReviewALTASurveyMember	Permits And Assessments Review ALTA Survey [Member]	Permits and assessments review of ALTA Survey.				
PermitsAndAssessmentsReviewBuildingPermitsMember	Permits And Assessments Review Building Permits [Member]	Permits and assessments review of Building permits (confirm completion).				
PermitsAndAssessmentsReviewConditionalUsePermitMember	Permits And Assessments Review Conditional Use Permit [Member]	Permits and assessments review of Conditional Use permit including decommissioning requirement if any.				
PermitsAndAssessmentsReviewDGInterconnectionAgreementMember	Permits And Assessments Review DG Interconnection Agreement [Member]	Permits and assessments review of DG Interconnection agreement (confirm completion).				
PermitsAndAssessmentsReviewDGRiskAssessmentMember	Permits And Assessments Review DG Risk Assessment [Member]	Permits and assessments review of DG risk assessment of secondary studies or system upgrades due to PV penetration in area.				
PermitsAndAssessmentsReviewEasementsMember	Permits And Assessments Review Easements [Member]	Permits and assessments review of Easements.				
PermitsAndAssessmentsReviewEnvironmentalPermitMember	Permits And Assessments Review Environmental Permit [Member]	Permits and assessments review of Environmental permit.				
PermitsAndAssessmentsReviewEnvironmentalSiteAssessmentMember	Permits And Assessments Review Environmental Site Assessment [Member]	Permits and assessments review of Environmental Site Assessment (ESA).				
PermitsAndAssessmentsReviewUtilityScaleInterconnectionAgreementMember	Permits And Assessments Review Utility Scale Interconnection Agreement [Member]	Permits and assessments review of Utility Scale Interconnection agreement.				
PermittingAndLicensesExpense	Permits And Licenses Expense, Amount	Cost of permits and licenses needed for the solar installation.				
PhaseOfProjectNeeded	Phase Of Project Needed	Phase of the project which can be preconstruction, early construction, periodic throughout construction, upon initial funding (Mechanical Completion) or upon final funding (Substantial or Final Completion).				
PledgeAgreementAbstract	Pledge Agreement [Abstract]	Information about the Pledge Agreement for the project.				
PledgeAgreementAvailabilityOfDocument	Availability Of Pledge Agreement, Flag	Indicates if the Pledge Agreement is available. If it is available, TRUE; if it is not available, FALSE.				

PledgeAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Pledge Agreement, Flag	Indicates if there are exceptions to the Pledge Agreement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
PledgeAgreementAvailabilityOfFinalDocument	Availability Of Final Pledge Agreement, Flag	Indicates if the Pledge Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
PledgeAgreementCounterparties	Counterparties To The Pledge Agreement, Names	Names of counterparties to the Pledge Agreement.				
PledgeAgreementDocumentLink	Pledge Agreement, Link	Link to the Pledge Agreement document.				
PledgeAgreementEffectiveDate	Pledge Agreement, Effective Date	Effective date of the Pledge Agreement.				
PledgeAgreementExceptionDescription	Pledge Agreement Exceptions, Description	Description of any exceptions to the Pledge Agreement or issues raised.				
PledgeAgreementExpirationDate	Pledge Agreement, Expiration Date	Expiration date of the Pledge Agreement.				
PledgeAgreementLink	Pledge Agreement, Link	Link to the Pledge Agreement document.				
PortfolioAbstract	Portfolio [Abstract]	Information about the portfolio.				
PortfolioIdentifier	Portfolio Identifier	Identifier for the portfolio.				
PortfolioIdentifierAxis	Portfolio Identifier [Axis]	Used as the identifier for the portfolio.				
PortfolioIdentifierDomain	Portfolio Identifier	Used as the identifier for the portfolio.				
PortfolioLegalEntity	Portfolio Legal Entity, Name	Legal entity identify for the portfolio company.				
PortfolioLevelDebt	Portfolio Level Debt, Flag	Indicates if there is portfolio level debt. If there is debt, TRUE; if there is no debt, FALSE.				
PortfolioLevelLegalEntity	Portfolio Level Legal Entity, Flag	Indicates if there is a legal entity at the portfolio level. If there is a legal entity, TRUE; if there is no legal entity, FALSE.				
PortfolioLineItems	Portfolio [Line Items]	Use to group a listing of information about a portfolio.				
PortfolioTable	Portfolio [Table]	Represents information about portfolios within a fund such as size of the portfolio, and legal entity identifier.				
PortfolioUsedInFund	Portfolio Used in Fund, Flag	Indicates if the portfolio is included as part of the fund. If it is used, TRUE; if it is not used, FALSE.				

PostCloseAbstract	Post Close [Abstract]	Information about post-close activities.				
		Description of outstanding issues that must be resolved after the project has been funded.				
PostClosePostClosingItems	Post Closing Items, Description					
PostClosePunchListItems	Post Close Items, Punch List Items, Description	Description of post-close punch list items.				
PostFundingActivityAnnualPVPlantCertificateMember	Post Funding Activity Annual PV Plant Certificate [Member]	Annual PV plant performance certificate - link to certificate, plus other report characteristics.				
PostFundingActivityClosingPunchListMember	Post Funding Activity Closing Punch List [Member]	Confirmation of closing punch list items.				
PowerPurchaseAgreementAbstract	Power Purchase Agreement [Abstract]					
PowerPurchaseAgreementContractAdditionalTermDuration	Power Purchase Agreement, Additional Term, Duration	Duration of additional terms allowed in the Power Purchase Agreement, beyond the initial term. For example, the PPA may allow two additional terms of five years each. The value, five years, should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
PowerPurchaseAgreementContractAdditionalTermNumber	Power Purchase Agreement, Additional Term, Number	The number of additional terms allowed in the Power Purchase Agreement, beyond the initial term. For example, the PPA may allow two additional terms of five years each. The value two should be entered as an integer.				
PowerPurchaseAgreementContractAxis	Power Purchase Agreement Contract [Axis] [No Default]	Used to identify information about the Power Purchase Agreement.				
PowerPurchaseAgreementContractIdentificationDomain	Power Purchase Agreement Contract Identification [Domain]	Represents information about the Power Purchase Agreement.				
PowerPurchaseAgreementContractLineItems	Power Purchase Agreement Contract Details [Line Items]	Line items representing information about a Power Purchase Agreement.				
PowerPurchaseAgreementContractRateAbstract	Power Purchase Agreement, Contract Rate [Abstract]					
		Terms related to the Power Purchase Agreement				
PowerPurchaseAgreementContractTable	Power Purchase Agreement Contract [Table]	Represents information identified about a Power Purchase Agreement.				
PowerPurchaseAgreementContractTermsAbstract	Power Purchase Agreement, Contract Terms [Abstract]	Information related to the Power Purchase Agreement.				
PowerPurchaseAgreementContractTermsAssignmentProvisions	Power Purchase Agreement, Assignment Provisions, Description	Description of assignment provisions in the event that one of the transacting parties to the Power Purchase Agreement wants to assign their rights to someone else.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
PowerPurchaseAgreementContractTermsBuyoutOptionsInPPA	Power Purchase Agreement, Buyout Options, Description	Description of buyout options in the Power Purchase Agreement.				

PowerPurchaseAgreementContractTermsCommercialOperationsDate Guaranty	Power Purchase Agreement, Commercial Operations Date Guaranteed	Commercial operations date guaranteed which is the date by which the project has to be operational per the Power Purchase Agreement.				
PowerPurchaseAgreementContractTermsContactFaxNumber	Power Purchase Agreement, Contact Fax Number	Contact fax number for the Power Purchase Agreement.				
PowerPurchaseAgreementContractTermsContractHistoryAndStructure	Power Purchase Agreement, Contract History And Structure, Description	Description of contract history and structure of the Power Purchase Agreement.				
PowerPurchaseAgreementContractTermsCurtailmentProvisions	Power Purchase Agreement, Curtailment Provisions, Description	Description of curtailment provisions of the Power Purchase Agreement.				
PowerPurchaseAgreementContractTermsDefaultProvisions	Power Purchase Agreement, Default Provisions, Description	Description of default provisions of the Power Purchase Agreement.				
PowerPurchaseAgreementContractTermsEffectiveDate	Power Purchase Agreement, Effective Date	Effective date of the Power Purchase Agreement.				
PowerPurchaseAgreementContractTermsEndOfTermProvisions	Power Purchase Agreement, End Of Term Provisions, Description	Description of end of term provisions of the Power Purchase Agreement.				
PowerPurchaseAgreementContractTermsFinancialAssurances	Power Purchase Agreement, Financial Assurances, Description	Description of financial assurances in the Power Purchase Agreement.				
PowerPurchaseAgreementContractTermsInsuranceRequirements	Power Purchase Agreement, Insurance Requirements, Description	Description of insurance requirements in the Power Purchase Agreement.				
PowerPurchaseAgreementContractTermsLimitationOfLiability	Power Purchase Agreement, Limitation Of Liability, Description	Description of Limitation of Liability clause in the Power Purchase Agreement.				
PowerPurchaseAgreementContractTermsOriginalTermOfPowerPurchaseAgreementLease	Original Term of Power Purchase Agreement or Lease	Term of the original Power Purchase Agreement, calculated by Last Payment Date minus First Payment Date. The value should be entered using the ISO8601 format of PnYnMnDtnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6month and 10-day term would be represented as P4Y6M10D.				
PowerPurchaseAgreementContractTermsPaymentFrequency	Power Purchase Agreement, Payment Frequency, Description	The time interval at which lease payments are to be made to the system owner, for example, monthly, quarterly, annually.				
PowerPurchaseAgreementContractTermsPowerOfftakeAgreementType	Power Purchase Agreement, Power Offtake Agreement Type, Description	Description of Power Offtake Agreement in the Power Purchase Agreement.				
PowerPurchaseAgreementContractTermsPPAAmendmentEffectiveDate	Power Purchase Agreement Amendment, Effective Date	Effective date of the Power Purchase Agreement Amendment.				
PowerPurchaseAgreementContractTermsPPAAmendmentExecutionDate	Power Purchase Agreement Amendment, Execution Date	Execution date of the Power Purchase Agreement Amendment.				
PowerPurchaseAgreementContractTermsPPAAmendmentExpirationDate	Power Purchase Agreement Amendment, Expiration Date	Expiration date of the Power Purchase Agreement Amendment.				
PowerPurchaseAgreementContractTermsPPACounterparty	Power Purchase Agreement, Counterparty	Counterparty to the Power Purchase Agreement.				
PowerPurchaseAgreementContractTermsPPAFirmVolume	Power Purchase Agreement, Firm Volume, Amount	Guaranteed volume of energy to be delivered by the Project Company under the terms of the Power Purchase Agreement in kWh.				
PowerPurchaseAgreementContractTermsPPAGuaranteedOutput	Power Purchase Agreement, Guaranteed Output, Amount	Output guaranteed in the Power Purchase Agreement in kWh.				

PowerPurchaseAgreementContractTermsPPAPerformanceGuarantee	Power Purchase Agreement, Performance Guarantee, Percent	Performance guarantee output as percent of P50 energy production.				
PowerPurchaseAgreementContractTermsPPAPerformanceGuaranteeExpirationDate	Power Purchase Agreement, Performance Guarantee, Expiration Date	Power Purchase Agreement Performance Guarantee Expiration Date				
PowerPurchaseAgreementContractTermsPPAPerformanceGuaranteeInitiationDate	Power Purchase Agreement, Performance Guarantee, Initiation Date	Power Purchase Agreement Performance Guarantee Initiation Date				
PowerPurchaseAgreementContractTermsPPAPerformanceGuaranteeTerm	Power Purchase Agreement, Performance Guarantee, Term	Term of the performance guarantee. The value should be entered using the ISO8601 format of PnYnMnDtnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
PowerPurchaseAgreementContractTermsPPAPerformanceGuaranteeType	Power Purchase Agreement, Performance Guarantee, Description	Description of the type of performance guarantee.				
PowerPurchaseAgreementContractTermsPPAPortionOfSite	Power Purchase Agreement, Portion of Site, Percent	Percentage of site based on units per the Power Purchase Agreement.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
PowerPurchaseAgreementContractTermsPPAPortionOfUnits	Power Purchase Agreement, Portion of Units	Number of units used to measure power system capacity for Power Purchase Agreement.				
PowerPurchaseAgreementContractTermsPPATerm	Power Purchase Agreement, Term	Term of the Power Purchase Agreement. The value should be entered using the ISO8601 format of PnYnMnDtnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
PowerPurchaseAgreementContractTermsProductionGuarantee	Power Purchase Agreement, Production Guarantee, Energy	Amount of energy (kWh) guaranteed to be generated by the installation in the Power Purchase Agreement.				
PowerPurchaseAgreementContractTermsProvider	Power Purchase Agreement, Provider	Name of project company or developer (organization that produces energy) in the Power Purchase Agreement.				
PowerPurchaseAgreementContractTermsRenewableEnergyCreditsBundledWithElectricity	Power Purchase Agreement, Renewable Energy Credits Bundled With Electricity, Amount	Amount of Renewable Energy Credits sold to offtaker when electricity sold to off taker includes the Renewable Energy Credits so the off taker can take advantage of the credit.				
PowerPurchaseAgreementContractTermsSiteLeaseAgreement	Power Purchase Agreement, Availability Of Site Lease Agreement	Confirmation of the availability of the Site Lease Agreement per the Power Purchase Agreement. If available, TRUE; if not available, FALSE.				
PowerPurchaseAgreementContractTermsSpecialCustomerRightsAndObligations	Power Purchase Agreement, Special Customer Rights And Obligations, Description	Description of special customer rights and obligations in the Power Purchase Agreement.				
PowerPurchaseAgreementContractTermsSpecialFeatures	Power Purchase Agreement, Special Features, Description	Description of special features in the Power Purchase Agreement.				
PowerPurchaseAgreementContractTermsSpecialProviderRightsAndObligations	Power Purchase Agreement, Special Provider Rights And Obligations, Description	Description of special provider rights and obligations in the Power Purchase Agreement.				
PowerPurchaseAgreementContractTermsTerminationRights	Power Purchase Agreement, Termination Rights, Description	Description of termination rights of all parties to the transaction in the Power Purchase Agreement.				

PowerPurchaseAgreementContractTermsTransmissionAndSchedulingResponsibilities	Power Purchase Agreement, Transmission And Scheduling Responsibilities, Description	Description of transmission and scheduling responsibilities in the Power Purchase Agreement.				
PowerPurchaseAgreementDescription	Power Purchase Agreement, Description	Description of the Power Purchase Agreement.				
PowerPurchaseAgreementPurchaserOptionToPurchase	Power Purchase Agreement, Purchaser Option To Purchase, Description	Description of purchaser option to purchase the system, as described in the Power Purchase Agreement.				
PowerPurchaseAgreementRateActualAmount	Power Purchase Agreement, Actual Revenue Generated, Amount	Power Purchase Agreement Actual revenue generated.				
PowerPurchaseAgreementRateAddressForInvoices	Power Purchase Agreement, Location To Send Invoices, Address	Address for Power Purchase Agreement off taker.				
PowerPurchaseAgreementRateAmountActualToInception	Power Purchase Agreement, Actual Revenue Generated, Inception To Date, Amount	Power Purchase Agreement Actual revenue generated from inception to date.				
PowerPurchaseAgreementRateCompanyInvoicesSentTo	Power Purchase Agreement, Invoices, Company To Bill	Name of company where the Power Purchase Agreement invoice is sent.				
PowerPurchaseAgreementRateContactAddressToReceiveNotices	Power Purchase Agreement, Location to Receive Notices, Address	Address where notices regarding activities related to the Power Purchase Agreement are sent.				
PowerPurchaseAgreementRateContactEmailToReceiveNotices	Power Purchase Agreement, Notices Contact, Email Address	Email address for contact individual for Power Purchase Agreement notices.				
PowerPurchaseAgreementRateContactToReceiveNotices	Power Purchase Agreement, Notices Contact, Name	Contact individual for Power Purchase Agreement notices.				
PowerPurchaseAgreementRateCounterpartyReportingRequirements	Power Purchase Agreement, Counterparty Reporting Requirements, Description	Description of Power Purchase Agreement counterparty reporting requirements.				
PowerPurchaseAgreementRateCounterpartyTaxObligationsAmount	Power Purchase Agreement, Counterparty Tax Obligations, Amount	Amount of counterparty tax obligations in the Power Purchase Agreement.				
PowerPurchaseAgreementRateCounterpartyTaxObligationsDescription	Power Purchase Agreement, Counterparty Tax Obligations, Description	Description of counterparty tax obligations in the Power Purchase Agreement.				
PowerPurchaseAgreementRateEmailAddressToSendInvoices	Power Purchase Agreement, Invoices, Billing Contact, Email Address	Email address for billing contact for Power Purchase Agreement off taker.				
PowerPurchaseAgreementRateEscalator	Power Purchase Agreement, Escalator, Percent	Percent escalator of the Power Purchase Agreement.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
PowerPurchaseAgreementRateExpectedAmount	Power Purchase Agreement, Expected Revenue, Amount	Power Purchase Agreement expected revenue generated.				
PowerPurchaseAgreementRateExpectedAmountInceptionToDate	Power Purchase Agreement, Expected Revenue, Inception To Date, Amount	Power Purchase Agreement expected revenue generated from inception to date.				
PowerPurchaseAgreementRateHostTelephoneToReceiveNotices	Power Purchase Agreement, Notices Contact, Telephone Number	Telephone number of individual who receives Power Purchase Agreement notices.				
PowerPurchaseAgreementRateInformationAbstract	Power Purchase Agreement, Rate Information [Abstract]	Information about the rates in the Power Purchase Agreement.				

PowerPurchaseAgreementRateInvoicingDate	Power Purchase Agreement, Invoicing Date	Date of the Power Purchase Agreement invoice.				
PowerPurchaseAgreementRateLongTermContractForPurchaseOfElectricPowerDateOfContractExpiration	Power Purchase Agreement, Contract Expiration, Date	Expiration date of the Power Purchase Agreement.				
PowerPurchaseAgreementRateNameOfContactToSendInvoices	Power Purchase Agreement, Invoices, Billing Contact	Billing contact for Power Purchase Agreement off taker.				
PowerPurchaseAgreementRateNameOfHostToReceiveNotices	Power Purchase Agreement, Host Company To Receive Notices	Name of the host company which should receive Power Purchase Agreement notices regarding activities related to the PPA. The host company is the entity with control of the site for the distributed generation system.				
PowerPurchaseAgreementRatePaymentDeadline	Power Purchase Agreement, Payment Deadline, Date	Deadline date for Power Purchase Agreement payment.				
PowerPurchaseAgreementRatePaymentMethod	Power Purchase Agreement, Payment Method, Description	Description of payment terms for Power Purchase Agreement payments.				
PowerPurchaseAgreementRatePhoneOfInvoicesContact	Power Purchase Agreement, Invoices, Billing Contact, Telephone Number	Telephone number for billing contact at Power Purchase Agreement off taker.				
PowerPurchaseAgreementRateProductionCap	Power Purchase Agreement, Production Cap, Amount	Amount of the production cap in the Power Purchase Agreement in kWh.				
PowerPurchaseAgreementRateProductionGuarantee	Power Purchase Agreement, Production Guarantee, Energy	Amount of energy (kWh) guaranteed to be generated by the installation in the Power Purchase Agreement.				
PowerPurchaseAgreementRateProductionGuaranteeTiming	Power Purchase Agreement, Production Guarantee Timing	The period during which the guaranteed production of the system in kWhs is calculated. For example, the amount is guaranteed over a period of a month or year.				
PowerPurchaseAgreementRateRemainingTermofPowerPurchaseAgreementLease	Power Purchase Agreement or Lease, Remaining Term	Estimated time left remaining in the Power Purchase Agreement (PPA) or lease based on how much output has been generated so far compared to the original guaranteed output in the PPA or lease. Calculated as Last Payment Date minus Cutoff Date. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6month and 10-day term would be represented as P4Y6M10D.				
PowerPurchaseAgreementRateSeasoningNumberOfPaymentsMade	Power Purchase Agreement Seasoning, Number of Payments Made	Total number of payments made to date in the Power Purchase Agreement or lease.				
PowerPurchaseAgreementRateSystemTrueUpProduction	Power Purchase Agreement, System True-up Production, Amount	True up equals the difference between the amount of kWh originally estimated and the actual output.				
PowerPurchaseAgreementRateTimeOfUseFlag	Power Purchase Agreement, Time of Use Pricing Schedule, Flag	Used to indicate if an hourly rate schedule is used. If hourly rate schedule is used, TRUE; if hourly rate schedule is not used, FALSE.				
PowerPurchaseAgreementRateTotalUpfrontPayment	Power Purchase Agreement, Total Upfront Payment, Amount	Total amount paid toward the system cost by customer at the start of installation.				
PowerPurchaseAgreementRateTrueupTiming	Power Purchase Agreement, True-up Timing	The frequency at which the true up occurs. For example, the true up occurs once per year, once per month.				
PowerPurchaseAgreementRateType	Power Purchase Agreement, Rate Type, Description	Description of rate type for Power Purchase Agreement, e.g. \$/kWh.				

PowerRatingInWeightedEfficiencyForm	Power Rating In Weighted Efficiency Form, Flag	Indication if the Power Rating (continuous at unity power factor) was provided in the weighted efficiency form. If it was, TRUE; if it was not, FALSE.				
PredictedAllInOneYearYield	Predicted All In One Year Yield, Energy	Predicted total (all-in) yield for a one year period.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
PredictedEnergyAbstract	Predicted Energy [Abstract]	Information about predicted energy related to the system.				
PredictedEnergyAvailable	Predicted Energy Available, Energy	Predicted energy available is calculated as predicted energy (at unity availability which means that energy is available all the time) multiplied by predicted availability equals predicted energy (at predicted availability). For example, if 10,000 MWh is predicted for unity availability and we predict availability of 0.99, then predicted energy is 9,900 MWh. $10,000 = 9,900 / 0.99$. This element should be used with the PeriodAxis to indicate the period such as year.				
PreferredStockValue	Preferred Stock, Value, Issued	Aggregate par or stated value of issued nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable preferred shares, par value and other disclosure concepts are in another section within stockholders' equity.				
PrepaidExpenseCurrent	Prepaid Expense, Current	Amount of asset related to consideration paid in advance for costs that provide economic benefits within a future period of one year or the normal operating cycle, if longer.				
PrepaidExpenseCurrentAndNoncurrent	Prepaid Expense	Carrying amount as of the balance sheet date of expenditures made in advance of when the economic benefit of the cost will be realized, and which will be expensed in future periods with the passage of time or when a triggering event occurs.				
PreparerOfAdvisorInvoices	Preparer Of Advisor Invoices, Name	Name of the company responsible for preparing the Advisor Invoices.				
PreparerOfAppraisal	Preparer Of Appraisal, Name	Name of the company responsible for preparing the Appraisal.				
PreparerOfApprovalNotice	Preparer Of Approval Notice, Name	Name of the company responsible for preparing the Approval Notice.				
PreparerOfApprovalNotice	Preparer Of Approval Notice, Name	Name of the company responsible for preparing the Approval Notice.				
PreparerOfAssetManagementAgreement	Document Preparer Of Asset Management Agreement, Name	Name of the company responsible for preparing the Asset Management Agreement.				
PreparerOfAssignmentAndAssumptionAgreement	Preparer Of Assignment And Assumption Agreement, Name	Name of the company responsible for preparing the Assignment And Assumption Agreement.				

PreparerOfAssignmentOfInterest	Preparer Of Assignment Of Interest, Name	Name of the company responsible for preparing the Assignment Of Interest.				
PreparerOfBillOfSale	Preparer Of Bill Of Sale, Name	Name of the company responsible for preparing the Bill Of Sale.				
PreparerOfBoardResolutionForMasterLesseeLesseeAndOperator	Preparer Of Board Resolution For Master Lessee, Lessee And Operator, Name	Name of the company responsible for preparing the Board Resolution For Master Lessee, Lessee And Operator.				
PreparerOfBreakageFeeAgreementAgreement	Preparer Of Breakage Fee Side Letter Agreement, Name	Name of the company responsible for preparing the Breakage Fee Side Letter Agreement.				
PreparerOfBuildingInspection	Preparer Of Building Inspection, Name	Name of the company responsible for preparing the Building Inspection.				
PreparerOfBusinessInterruptionInsurancePolicy	Preparer Of Business Interruption Insurance Policy Insurance Policy, Name	Name of the company responsible for preparing the Business Interruption Insurance Policy.				
PreparerOfCasualtyInsurancePolicy	Preparer Of Casualty Insurance Policy Insurance Policy, Name	Name of the company responsible for preparing the Casualty Insurance Policy.				
PreparerOfCertificateOfAcceptanceReport	Preparer Of Certificate Of Acceptance Report, Name	Name of the company responsible for preparing the Certificate Of Acceptance Report.				
PreparerOfCertificateOfCompletion	Preparer Of Certificate Of Completion, Name	Name of the company responsible for preparing the Certificate Of Completion.				
PreparerOfCertificateOfFinalCompletion	Preparer Of Certificate Of Final Completion, Name	Name of the company responsible for preparing the Certificate Of Final Completion.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
PreparerOfCertificateOfFormationForMasterLesseeLesseeAndOperator	Preparer Of Certificate Of Formation For Master Lessee, Lessee And Operator, Name	Name of the company responsible for preparing the Certificate Of Formation For Master Lessee, Lessee And Operator.				
PreparerOfCertificatesOfInsurance	Preparer Of Certificates Of Insurance, Name	Name of the company responsible for preparing the Certificates Of Insurance.				
PreparerOfClosingCertificate	Preparer Of Closing Certificate, Name	Name of the company responsible for preparing the Closing Certificate.				
PreparerOfClosingIndemnityAgreement	Preparer Of Closing Indemnity Agreement, Name	Name of the company responsible for preparing the Closing Indemnity Agreement.				
PreparerOfCommercialGeneralLiabilityInsurancePolicy	Preparer Of Commercial General Liability Insurance Policy, Name	Name of the company responsible for preparing the Commercial General Liability Insurance Policy.				
PreparerOfCommitmentAgreement	Preparer Of Commitment Agreement, Name	Name of the company responsible for preparing the Commitment Agreement.				
PreparerOfComponentStatusReport	Preparer Of Component Status Report, Name	Name of the company responsible for preparing the Component Status Report.				
PreparerOfConstructionContractorNoticeOfCertification	Preparer Of Construction Contractor Notice Of Certification, Name	Name of the company responsible for preparing the Construction Contractor Notice Of Certification.				

PreparerOfConstructionIssuesReport	Preparer Of Construction Issues Report, Name	Name of the company responsible for preparing the Construction Issues Report.				
PreparerOfConstructionLoanAgreement	Document Preparer Of Construction Loan Agreement, Name	Name of the company responsible for preparing the Construction Loan Agreement.				
PreparerOfConstructionLoanAgreement	Preparer Of Construction Loan Agreement, Name	Name of the company responsible for preparing the Construction Loan Agreement.				
PreparerOfConstructionMonitoringReport	Preparer Of Construction Monitoring Report, Name	Name of the company responsible for preparing the Construction Monitoring Report.				
PreparerOfContinuityOfOperationsAgreement	Preparer Of Continuity Of Operations Agreement, Name	Name of the company responsible for preparing the Continuity Of Operations Agreement.				
PreparerOfContinuityOfOperationsAgreement	Preparer Of Continuity Of Operations Agreement, Name	Name of the company responsible for preparing the Continuity Of Operations Agreement.				
PreparerOfCoTenancyAgreement	Preparer Of Co Tenancy Agreement, Name	Name of the company responsible for preparing the Co Tenancy Agreement.				
PreparerOfCreditReportsDocuments	Preparer Of Credit Report Documents, Name	Name of the company responsible for preparing the Credit Report Documents.				
PreparerOfDesignAndConstructionDocuments	Preparer Of Design And Construction Documents, Name	Name of the company responsible for preparing the Design And Construction Documents.				
PreparerOfDeveloperPortfolioPerformanceGuaranteeAgreement	Preparer Of Developer Portfolio Performance Guarantee Agreement, Name	Name of the company responsible for preparing the Developer Portfolio Performance Guarantee Agreement.				
PreparerOfDeveloperProjectPerformanceGuaranteeAgreement	Preparer Of Developer Project Performance Guarantee Agreement, Name	Name of the company responsible for preparing the Developer Project Performance Guarantee Agreement.				
PreparerOfEasementReport	Preparer Of Easement Report, Name	Name of the company responsible for preparing the Easement Report.				
PreparerOfElectricalInspection	Preparer Of Electrical Inspection, Name	Name of the company responsible for preparing the Electrical Inspection.				
PreparerOfEnergyProductionInsurancePolicy	Preparer Of Energy Production Insurance Policy, Name	Name of the company responsible for preparing the Energy Production Insurance Policy.				
PreparerOfEngineeringProcurementandConstructionAgreement	Preparer Of Engineering Procurement And Construction Agreement, Name	Name of the company responsible for preparing the Engineering Procurement and Construction Agreement.				
PreparerOfEngineeringProcurementAndConstructionContract	Preparer Of Engineering Procurement And Construction Contract, Name	Name of the company responsible for preparing the Engineering Procurement And Construction Contract.				
PreparerOfEngineeringServicesChecklistReport	Preparer Of Engineering Services Checklist, Name	Name of the company responsible for preparing the Engineering Services Checklist.				
PreparerOfEnvironmentalAssessmentI	Preparer Of Environmental Assessment I, Name	Name of the company responsible for preparing the Environmental Assessment I.				
PreparerOfEnvironmentalAssessmentII	Preparer Of Environmental Assessment II, Name	Name of the company responsible for preparing the Environmental Assessment II.				
PreparerOfEnvironmentalImpactReport	Preparer Of Environmental Impact Report, Name	Name of the company responsible for preparing the Environmental Impact Report.				

PreparerOfEquipmentWarranties	Preparer Of Equipment Warranties, Name	Name of the company responsible for preparing the Equipment Warranties.				
-------------------------------	--	---	--	--	--	--

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
PreparerOfEquityCapitalContributionAgreement	Preparer Of Equity Capital Contribution Agreement, Name	Name of the company responsible for preparing the Equity Capital Contribution Agreement.				
PreparerOfEquityContributionAgreement	Preparer Of Equity Contribution Document, Name	Name of the company responsible for preparing the Equity Contribution Document.				
PreparerOfEquityContributionAgreement	Preparer Of Equity Contribution Agreement, Name	Name of the company responsible for preparing the Equity Contribution Agreement.				
PreparerOfEquityContributionGuarantee	Preparer Of Equity Contribution Guarantee, Name	Name of the company responsible for preparing the Equity Contribution Guarantee.				
PreparerOfEstoppelCertificatePowerPurchaseAgreement	Preparer Of Estoppel Certificate Power Purchase Agreement, Name	Name of the company responsible for preparing the Estoppel Certificate Power Purchase Agreement.				
PreparerOfExposureReport	Preparer Of Exposure Report, Name	Name of the company responsible for preparing the Exposure Report.				
PreparerOfFinancialLeaseSchedule	Preparer Of Financial Lease Schedule, Name	Name of the company responsible for preparing the Financial Lease Schedule.				
PreparerOfFundingMemo	Preparer Of Funding Memo, Name	Name of the company responsible for preparing the Funding Memo.				
PreparerOfFundingProposalRequest	Preparer Of Funding Proposal Request, Name	Name of the company responsible for preparing the Fund Proposal Request.				
PreparerOfGuaranteeAgreement	Preparer Of Guarantee Agreement, Name	Name of the company responsible for preparing the Guarantee Agreement.				
PreparerOfHedgeAgreement	Preparer Of Hedge Agreement, Name	Name of the company responsible for preparing the Hedge Agreement.				
PreparerOfHostAcknowledgement	Preparer Of Host Acknowledgement, Name	Name of the company responsible for preparing the Host Acknowledgement.				
PreparerOfIECRECertificate	Preparer Of IECRE Certificate, Name	Name of the company responsible for preparing the IECRE Certificate.				
PreparerOfIncentiveAssignment	Preparer Of Incentive Assignment, Name	Name of the company responsible for preparing the Incentive Assignment.				
PreparerOfIncumbencyCertificate	Preparer Of Incumbency Certificate, Name	Name of the company responsible for preparing the Incumbency Certificate.				
PreparerOfIndependentEngineeringOpinionReport	Preparer Of Independent Engineering Opinion Report, Name	Name of the company responsible for preparing the Independent Engineering Opinion Report.				
PreparerOfIndependentEngineeringReport	Preparer Of Independent Engineering Report, Name	Name of the company responsible for preparing the Independent Engineering Report.				

PreparerOfIndividualContractorAgreement	Preparer Of Individual Contractor Agreement, Name	Name of the company responsible for preparing the Individual Contractor Agreement.				
PreparerOfInstallationAgreement	Preparer Of Installation Agreement, Name	Name of the company responsible for preparing the Installation Agreement.				
PreparerOfInsuranceConsultantReport	Preparer Of Insurance Consultant Report, Name	Name of the company responsible for preparing the Insurance Consultant Report.				
PreparerOfInterconnectionAgreement	Preparer Of Interconnection Agreement, Name	Name of the company responsible for preparing the Interconnection Agreement.				
PreparerOfInterconnectionApproval	Preparer Of Interconnection Approval, Name	Name of the company responsible for preparing the Interconnection Approval.				
PreparerOfInvestmentMemoAgreement	Preparer Of Investment Memo, Name	Name of the company responsible for preparing the Investment Memo.				
PreparerOfInvoiceIncludingWiringInstructions	Preparer Of LLCA Agreement, Name	Name of the company responsible for preparing the LLCA Agreement.				
PreparerOfLCCRegistration	Preparer Of LLC Registration, Name	Name of the company responsible for preparing the LLC Registration.				
PreparerOfLeaseContractForProject	Preparer Of Lease Contract For Project, Name	Name of the company responsible for preparing the Lease Contract For Project.				
PreparerOfLeaseSchedule	Preparer Of Lease Schedule, Name	Name of the company responsible for preparing the Lease Schedule.				
PreparerOfLesseeClaimDocuments	Preparer Of Lessee Claim Documents, Name	Name of the company responsible for preparing the Lessee Claim Documents.				
PreparerOfLesseeCollateralAgencyAgreement	Preparer Of Lessee Collateral Agency Agreement, Name	Name of the company responsible for preparing the Lessee Collateral Agency Agreement.				
PreparerOfLesseeSecurityAgreement	Preparer Of Lessee Security Agreement, Name	Name of the company responsible for preparing the Lessee Security Agreement.				
PreparerOfLetterOfCreditAgreement	Preparer Of Letter Of Credit Agreement, Name	Name of the company responsible for preparing the Letter Of Credit Agreement.				
PreparerOfLiabilityInsuranceCertificate	Preparer Of Liability Insurance Certificate Agreement, Name	Name of the company responsible for preparing the Liability Insurance Certificate Agreement.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
PreparerOfLiabilityInsurancePolicy	Preparer Of Liability Insurance Policy, Name	Name of the company responsible for preparing the Liability Insurance Policy.				
PreparerOfLienWaiverAgreement	Preparer Of Lien Waiver, Name	Name of the company responsible for preparing the Lien Waiver.				
PreparerOfLimitedLiabilityCompanyAgreement	Preparer Of Limited Liability Company Agreement, Name	Name of the company responsible for preparing the Limited Liability Company Agreement.				

PreparerOfLLCAAgreement	Preparer Of LLCA Agreement, Name	Name of the company responsible for preparing the LLCA Agreement.				
PreparerOfLLCAAgreement	Preparer Of Local Incentive Contract, Name	Name of the company responsible for preparing the Local Incentive Contract.				
PreparerOfLLCFormationDocuments	Preparer Of LLC Formation Documents, Name	Name of the company responsible for preparing the LLC Formation Documents.				
PreparerOfLocalIncentiveContract	Preparer Of Local Incentive Contract, Name	Name of the company responsible for preparing the Local Incentive Contract.				
PreparerOfMasterLeaseAgreement	Preparer Of Master Lease Agreement, Name	Name of the company responsible for preparing the Master Lease Agreement.				
PreparerOfMasterLesseeSecurityAgreement	Preparer Of Master Lessee Security Agreement, Name	Name of the company responsible for preparing the Master Lessee Security Agreement.				
PreparerOfMasterPurchaseAgreement	Preparer Of Master Purchase Agreement, Name	Name of the company responsible for preparing the Master Purchase Agreement.				
PreparerOfMasterServicesAgreement	Preparer Of Master Services Agreement, Name	Name of the company responsible for preparing the Master Services Agreement.				
PreparerOfMechanicalCompletionCertificateAgreement	Preparer Of Mechanical Completion Certificate, Name	Name of the company responsible for preparing the Mechanical Completion Certificate.				
PreparerOfMembershipCertificateOfLessee	Preparer Of Membership Certificate Of Lessee, Name	Name of the company responsible for preparing the Membership Certificate Of Lessee.				
PreparerOfMembershipCertificateOfMasterLessee	Preparer Of Membership Certificate Of Master Lessee, Name	Name of the company responsible for preparing the Membership Certificate Of Master Lessee.				
PreparerOfMembershipInterestPurchaseAgreement	Preparer Of Membership Interest Purchase Agreement, Name	Name of the company responsible for preparing the Membership Interest Purchase Agreement.				
PreparerOfMembershipInterestPurchaseAgreement	Preparer Of Membership Interest Purchase Agreement, Name	Name of the company responsible for preparing the Membership Interest Purchase Agreement.				
PreparerOfModuleAcceleratedAgeTestReport	Preparer Of Module Accelerated Age Test Report, Name	Name of the company responsible for preparing the Module Accelerated Age Test Report.				
PreparerOfModuleFactoryAuditReport	Preparer Of Module Factory Audit Report, Name	Name of the company responsible for preparing the Module Factory Audit Report.				
PreparerOfMonitoringContractAgreement	Preparer Of Monitoring Contract Agreement, Name	Name of the company responsible for preparing the Monitoring Contract Agreement.				
PreparerOfMonthlyOperatingReport	Preparer Of Monthly Operating Report, Name	Name of the company responsible for preparing the Monthly Operating Report.				
PreparerOfNoticeAndPaymentInstructions	Preparer Of Notice And Payment Instructions, Name	Name of the company responsible for preparing the Notice And Payment Instructions.				
PreparerOfNoticeOfApproval	Preparer Of Notice Of Approval, Name	Name of the company responsible for preparing the Notice Of Approval.				
PreparerOfNoticeOfCommercialOperation	Preparer Of Notice Of Commercial Operation, Name	Name of the company responsible for preparing the Notice Of Commercial Operation.				

PreparerOfNoticeOfCommercialOperationsDate	Preparer Of Notice Of Commercial Operations Date, Name	Name of the company responsible for preparing the Notice Of Commercial Operations Date.				
PreparerOfOperatingAgreementsForMasterLesseeLesseeAndOperator	Preparer Of Operating Agreements For Master Lessee, Lessee And Operator, Name	Name of the company responsible for preparing the Operating Agreements For Master Lessee, Lessee And Operator.				
PreparerOfOperationalEventReport	Preparer Of Operational Event Report, Name	Name of the company responsible for preparing the Operational Event Report.				
PreparerOfOperationalIssuesReport	Preparer Of Operational Issues Report, Name	Name of the company responsible for preparing the Operational Issues Report.				
PreparerOfOperationsandMaintenanceAgreement	Preparer Of Operations And Maintenance Agreement, Name	Name of the company responsible for preparing the Operations and Maintenance Agreement.				
PreparerOfOperationsAndMaintenanceManual	Preparer Of Operations And Maintenance Manual, Name	Name of the company responsible for preparing the Operations And Maintenance Manual.				
PreparerOfOperationsAndMaintenanceSubcontractorContract	Preparer Of Operations And Maintenance Subcontractor Contract, Name	Name of the company responsible for preparing the Operations and Maintenance Subcontractor Contract.				
PreparerOfOperationsManual	Preparer Of Operations Manual, Name	Name of the company responsible for preparing the Operations Manual.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
PreparerOfOperatorGuarantee	Preparer Of Operator Guarantee, Name	Name of the company responsible for preparing the Operator Guarantee.				
PreparerOfOperatorPerformanceSponsorGuaranteeContract	Preparer Of Operator Performance Sponsor Guarantee Contract, Name	Name of the company responsible for preparing the Operator Performance Sponsor Guarantee Contract.				
PreparerOfOtherEquipmentDueDiligenceReports	Preparer Of Other Equipment Due Diligence Reports, Name	Name of the company responsible for preparing the Other Equipment Due Diligence Reports.				
PreparerOfParentGuaranteeAgreement	Preparer Of Parent Guarantee Agreement, Name	Name of the company responsible for preparing the Parent Guarantee Agreement.				
PreparerOfPartnershipFlipContractForProject	Preparer Of Partnership Flip Contract For Project, Name	Name of the company responsible for preparing the Partnership Flip Contract For Project.				
PreparerOfPerformanceGuaranteeAgreement	Preparer Of Performance Guarantee Agreement, Name	Name of the company responsible for preparing the Performance Guarantee Agreement.				
PreparerOfPermissionToOperateInterconnectionApproval	Preparer Of Permission To Operate Interconnection Approval, Name	Name of the company responsible for preparing the Permission To Operate Interconnection Approval.				
PreparerOfPledgeAgreement	Preparer Of Pledge Agreement, Name	Name of the company responsible for preparing the Pledge Agreement.				
PreparerOfPowerPurchaseAgreement	Preparer Of Power Purchase Agreement, Name	Name of the company responsible for preparing the Power Purchase Agreement				
PreparerOfPricingFile	Preparer Of Pricing File, Name	Name of the company responsible for preparing the Pricing File.				

PreparerOfPricingModelReport	Preparer Of Pricing Model Report, Name	Name of the company responsible for preparing the Pricing Model Report.				
PreparerOfProjectAdministrationAgreement	Preparer Of Project Administration Agreement, Name	Name of the company responsible for preparing the Project Administration Agreement.				
PreparerOfPropertyInsuranceCertificate	Preparer Of Property Insurance Certificate Agreement, Name	Name of the company responsible for preparing the Property Insurance Certificate Agreement.				
PreparerOfPropertyInsurancePolicy	Preparer Of Property Insurance Policy, Name	Name of the company responsible for preparing the Property Insurance Policy.				
PreparerOfPropertyTaxExemptionOpinion	Preparer Of Property Tax Exemption Opinion, Name	Name of the company responsible for preparing the Property Tax Exemption Opinion.				
PreparerOfPunchList	Preparer Of Punch List, Name	Name of the company responsible for preparing the Punch List.				
PreparerOfQualifyingFacilitiesSelfCertification	Preparer Of Qualifying Facilities Self Certification, Name	Name of the company responsible for preparing the Qualifying Facilities Self Certification.				
PreparerOfRenewableEnergyCreditBuyerAcknowledgement	Preparer Of Renewable Energy Credit Buyer Acknowledgement, Name	Name of the company responsible for preparing the Renewable Energy Credit Buyer Acknowledgement.				
PreparerOfRenewableEnergyCreditOfftakerAgreement	Preparer Of Renewable Energy Credit Offtaker Agreement, Name	Name of the company responsible for preparing the Renewable Energy Credit Offtaker Agreement.				
PreparerOfRenewableEnergyCreditPerformanceAgreement	Preparer Of Renewable Energy Credit Performance Agreement, Name	Name of the company responsible for preparing the Renewable Energy Credit Performance Agreement.				
PreparerOfSalesLeasebackContractForProject	Preparer Of Sales Leaseback Contract For Project, Name	Name of the company responsible for preparing the Sales Leaseback Contract For Project.				
PreparerOfSecurityAgreementSupplement	Preparer Of Security Agreement Supplement, Name	Name of the company responsible for preparing the Security Agreement Supplement.				
PreparerOfSecurityContract	Preparer Of Security Contract, Name	Name of the company responsible for preparing the Security Contract.				
PreparerOfSharedFacilityAgreement	Preparer Of Shared Facility Agreement, Name	Name of the company responsible for preparing the Shared Facility Agreement.				
PreparerOfSiteControlContract	Preparer Of Site Control Contract, Name	Name of the company responsible for preparing the Site Control Contract.				
PreparerOfSiteLeaseAgreement	Preparer Of Site Lease, Name	Name of the company responsible for preparing the Site Lease Agreement.				
PreparerOfSiteLeaseAssignment	Preparer Of Site Lease Assignment, Name	Name of the company responsible for preparing the Site Lease Assignment.				
PreparerOfSiteLeaseMemo	Preparer Of Site Lease Memo, Name	Name of the company responsible for preparing the Site Lease Memo.				
PreparerOfSiteLicenseAgreement	Preparer Of Site License Agreement, Name	Name of the company responsible for preparing the Site License Agreement.				
PreparerOfSitePermit	Preparer Of Site Permit, Name	Name of the company responsible for preparing the Site Permit.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
PreparerOfSubstantialCompletionCertificate	Preparer Of Substantial Completion Certificate, Name	Name of the company responsible for preparing the Substantial Completion Certificate.				
PreparerOfSupplementalReportReviewOfInsuranceReview	Document Preparer Of Supplemental Report Review Of Insurance Review, Name	Name of the company responsible for preparing the Supplemental Report Review Of Insurance Review.				
PreparerOfSupplementalReportReviewOfLocalTaxReview	Document Preparer Of Supplemental Report Review Of Local Tax Review, Name	Name of the company responsible for preparing the Supplemental Report Review Of Local Tax Review.				
PreparerOfSupplyAgreements	Preparer Of Supply Agreements, Name	Name of the company responsible for preparing the Supply Agreements.				
PreparerOfSuretyBondPolicyInsurancePolicy	Preparer Of Surety Bond Policy Insurance Policy, Name	Name of the company responsible for preparing the Surety Bond Policy Insurance Policy.				
PreparerOfTaxIndemnityAgreement	Preparer Of Tax Indemnity Agreement, Name	Name of the company responsible for preparing the Tax Indemnity Agreement.				
PreparerOfTaxOpinion	Preparer Of Tax Opinion, Name	Name of the company responsible for preparing the Tax Opinion.				
PreparerOfTermLoanAgreement	Preparer Of Term Loan Agreement, Name	Name of the company responsible for preparing the Term Loan Agreement.				
PreparerOfTermSheet	Preparer Of Term Sheet, Name	Name of the company responsible for preparing the Term Sheet.				
PreparerOfTitleSurvey	Preparer Of Title Survey, Name	Name of the company responsible for preparing the Title Survey.				
PreparerOfTransmissionReportAndCurtailmentEstimate	Preparer Of Transmission Report And Curtailment Estimate , Name	Name of the company responsible for preparing the Transmission Report and Curtailment Estimate.				
PreparerOfUCCPrecautionaryLeaseFiling	Preparer Of UCC Precautionary Lease Filing, Name	Name of the company responsible for preparing the UCC Precautionary Lease Filing.				
PreparerOfUCCSecurityAgreement	Preparer Of UCC Security Agreement, Name	Name of the company responsible for preparing the UCC Security Agreement.				
PreparerOfUCCTaxLienAndJudgementLienSearches	Preparer Of UCC Tax, Lien and Judgment Lien Searches, Name	Name of the company responsible for preparing the UCC Tax, Lien and Judgment Lien Searches.				
PreparerOfUniversalInsurancePolicy	Preparer Of Universal Insurance Policy Insurance Policy, Name	Name of the company responsible for preparing the Universal Insurance Policy.				
PreparerOfVegetationManagementAgreement	Preparer Of Vegetation Management Agreement, Name	Name of the company responsible for preparing the Vegetation Management Agreement.				
PreparerOfWashingAndWasteManagementAgreement	Preparer Of Washing And Waste Management Agreement, Name	Name of the company responsible for preparing the Washing And Waste Management Agreement.				
PreparerOfWiringInstructions	Preparer Of Wiring Instructions, Name	Name of the company responsible for preparing the Wiring Instructions.				
PreparerOfWorkersCompensationInsurancePolicy	Preparer Of Workers Compensation Insurance Policy Insurance Policy, Name	Name of the company responsible for preparing the Workers Compensation Insurance Policy.				

PricingFileAbstract	Pricing File [Abstract]	Information about the Pricing File for the project.				
PricingFileAvailabilityOfDocument	Availability Of Pricing File, Flag	Indicates if the Pricing File is available. If it is available, TRUE; if it is not available, FALSE.				
PricingFileAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Pricing File, Flag	Indicates if there are exceptions to the Pricing File or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
PricingFileAvailabilityOfFinalDocument	Availability Of Final Pricing File, Flag	Indicates if the Pricing File is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
PricingFileCounterparties	Counterparties To The Pricing File, Names	Names of counterparties to the Pricing File.				
PricingFileDocumentLink	Pricing File, Link	Link to the Pricing File document.				
PricingFileEffectiveDate	Pricing File, Effective Date	Effective date of the Pricing File.				
PricingFileExceptionDescription	Pricing File Exceptions, Description	Description of any exceptions to the Pricing File or issues raised.				
PricingFileExpirationDate	Pricing File, Expiration Date	Expiration date of the Pricing File.				
PricingModelAbstract	Pricing Model [Abstract]	Information about the pricing model used to determine rates.				
PricingModelAccrualAccountDeposit	Pricing Model, Accrual Account Deposit, Amount	Accrual account deposit amount per the pricing model.				
PricingModelAverageAnnualRentPayment	Pricing Model, Average Annual Rent Payment, Amount	Rental payment for solar installation in sales leaseback per the pricing model.				
PricingModelDepreciableBasis	Pricing Model, Depreciable Basis, Amount	Cost less salvage value per the pricing model.				
PricingModelDepreciationMethod	Pricing Model, Depreciation Method, Description	Method of depreciation per the pricing model.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
PricingModelEffectiveAfterTaxEquivalentInternalRateOfReturn	Pricing Model, Effective Pre Tax Equivalent Internal Rate Of Return, Percent	Effective pre tax equivalent internal rate of return per the pricing model.				
PricingModelEffectiveAfterTaxEquivalentTerminalInternalRateOfReturn	Pricing Model, Effective Pre Tax Equivalent Terminal Internal Rate Of Return, Percent	Effective pre tax equivalent terminal internal rate of return per the pricing model.				
PricingModelEffectiveAfterTaxInternalRateOfReturn	Pricing Model, Effective After Tax Internal Rate Of Return, Percent	Effective after tax internal rate of return per the pricing model.				
PricingModelEffectiveAfterTaxTerminalInternalRateOfReturn	Pricing Model, Effective After Tax Terminal Internal Rate Of Return, Percent	Effective after tax terminal internal rate of return per the pricing model.				
PricingModelExpectedDeferredIncome	Expected Deferred Income, Amount	Monthly income from investment tax liability deferred to future period relative to funding date				

PricingModelExpectedDeferredInvestmentTaxCredit	Expected Deferred Investment Tax Credit, Amount	Expected monthly deferred Income Tax Credit.				
PricingModelExpectedDeferredTaxLiability	Expected Deferred Tax Liability, Amount	Expected monthly deferred tax liability.				
PricingModelExpectedGrossInvestmentBalance	Expected Gross Investment Balance, Amount	Gross investment balance minus revenue received from the project at a point in time.				
PricingModelExpectedNetInvestmentBalance	Expected Net Investment Balance, Amount	Gross investment balance minus tax incentives minus revenue received from the project at a point in time.				
PricingModelExpectedRentsReceivables	Expected Rents Receivables, Amount	Expected lease payments from project company.				
PricingModelFederalIncomeTaxRateAssumption	Pricing Model, Federal Income Tax Rate Assumption, Description	Federal income tax rate assumption per the pricing model.				
PricingModelGrossPurchasePriceToTotalProjectValue	Pricing Model, Gross Purchase Price Total Project Value, Amount	Amount of the gross purchase price for the total project per the pricing model.				
PricingModelHoldbackFinalCompletionPayment	Pricing Model, Holdback Final Completion Payment, Amount	Holdback final completion payment amount per the pricing model.				
PricingModelInvestmentAverageLife	Pricing Model, Investment Average Life	Investment average life per the pricing model.				
PricingModelInvestmentTaxCreditGrantBasis	Pricing Model, Investment Tax Credit, Grant Basis, Amount	Fair market value of the project used to determine the level of the Investment Tax Credit or grant per the pricing model.				
PricingModelInvestmentTaxCreditGrantClaimed	Pricing Model, Investment Tax Credit, Grant Claimed, Amount	Amount of the Investment Tax Credit or grant claimed per the pricing model.				
PricingModelInvestmentTaxCreditGrantReceived	Pricing Model, Investment Tax Credit, Grant Received, Amount	Amount of the Investment Tax Credit or grant received per the pricing model.				
PricingModelNetIncomeAfterTax	Pricing Model, Net Income After Tax, Amount	Net Income After Tax per the pricing model.				
PricingModelNominalAfterTaxEquivalentInternalRateOfReturn	Pricing Model, Nominal Pre Tax Equivalent Internal Rate Of Return, Percent	Nominal Pre Tax Equivalent Internal Rate of Return (IRR) per the pricing model.				
PricingModelNominalAfterTaxEquivalentTerminalInternalRateOfReturn	Pricing Model, Nominal Pre Tax Equivalent Terminal Internal Rate Of Return, Percent	Nominal Pre Tax Equivalent Terminal Internal Rate of Return (IRR) per the pricing model.				
PricingModelNominalAfterTaxInternalRateOfReturn	Pricing Model, Nominal After Tax Internal Rate Of Return, Percent	Nominal After Tax Internal Rate of Return (IRR) per the pricing model.				
PricingModelNominalAfterTaxTerminalInternalRateOfReturn	Pricing Model, Nominal After Tax Terminal Internal Rate Of Return, Percent	Nominal After Tax Terminal Internal Rate of Return (IRR) per the pricing model.				
PricingModelPretaxCashReturnExpense	Pricing Model, Pretax Cash Return Expense, Amount	Pretax cash return expense per the pricing model.				
PricingModelPretaxCashReturnPercent	Pricing Model, Pretax Cash Return, Percent	Pretax cash return percent per the pricing model.				
PricingModelRentPaymentIncrements	Pricing Model, Rent Payment Increment, Period	Time periods for when payments are due. For example, monthly or quarterly, per the pricing model.				

PricingModelResidualValueAssumption	Pricing Model, Residual Value Assumption, Amount	Value of project at end of its economic useful life per the pricing model.				
PricingModelSimplePaybackPeriod	Simple Payback	Number of years for simple payback of the project.				
PricingModelSwapRate	Pricing Model, Swap Rate, Percent	Swap rate used in the pricing model per the pricing model.				
PricingModelTaxEquityContribution	Pricing Model, Tax Equity Contribution, Amount	Amount of the tax equity per the pricing model.				
PricingModelTaxEquityCoverageRatio	Pricing Model, Tax Equity Coverage Ratio, Percent	Debt service coverage ratio per the pricing model.				
PricingModelTotalUpfrontAmortizedFees	Pricing Model, Total Upfront Amortized Fees, Amount	Total upfront amortized Fees per the pricing model.				
PricingModelTotalUpfrontCapitalizedFees	Pricing Model, Total Upfront Capitalized Fees, Amount	Total upfront capitalized Fees per the pricing model.				
PrincipalAmountOutstandingOnLoansManagedAndSecuritized	Principal Amount Outstanding on Loans Managed and Securitized or Asset-backed Financing Arrangement	This is the sum of principal amount outstanding for both securitized and unsecuritized loans of all types.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
PriorityOfAnyOtherAction	Priority of Any Other Action, Number	Priority number assigned to any other action or event; 1 is highest priority; 2 is medium; 3 is lowest.				
PriorityOfCorrectiveAction	Priority of Corrective Action, Number	Number assigned to a corrective action; 1 is highest priority; 2 is medium; 3 is lowest.				
ProductCertificateHolder	Product Certificate Holder, Name	Name of the holder of the product certification.				
ProductCertificateType	Product Certificate Type, Description	Description of the product certificate type.				
ProductCertificationDetailsAbstract	Product Certificate Details [Abstract]	Information about certifications for specific products.				
ProductCertificationIssueDate	Product Certification, Issue Date	Issue date of the product certification.				
ProductCertificationNumber	Product Certification Number	Certification number for the product.				
ProductCertifyingBody	Product Certifying Body, Name	Name of the organization certifying the product.				

ProductCode	Product Code	A product code is a standardized, unique humanreadable identifier that is compact, and can be easily parsed. It consists of an entity code concatenated to a product specific identification string, separated by a hyphen. A product string is up to 16 characters, comprised of upper case letters, number, and hyphens ('-'). The format of a product code is: [EntityCode]-[ProductString], e.g., UEE-E2000-3XFM for company Universal Energy Enterprises with Entity Code UEE and Product String of E20003-XFM.				
ProductDescription	Product Description	Description of the product, for example, 250 W Utility Interactive Microinverter.				
ProductIdentifier	Product Identifier	Unique identifier used to identify the product.				
ProductIdentifierAbstract	Product Identifier [Abstract]	Information about products used in the system, for example, ABC brand of inverters, or XYZ brand of module.				
ProductIdentifierAxis	Product Identifier [Axis] [No Default]	Use to identify information by a particular type of product. This Product axis is different than the Device axis. The Device axis is used categorize data by the specific instance of the device, whereas the product axis captures information about the device as a class of product. For example a product does not have a purchase date or a serial number but the device class does.				
ProductIdentifierBatteryAbstract	Product Identifier, Battery [Abstract]	Information specific to battery products that are used in the system.				
ProductIdentifierBatteryInverterAbstract	Product Identifier, Battery Inverter [Abstract]	Information specific to Battery Inverter products that are used in the system.				
ProductIdentifierBatteryManagementAbstract	Product Identifier, Battery Management System [Abstract]	Information specific to battery management system products that are used in the system.				
ProductIdentifierCombinerAbstract	Product Identifier, Combiner [Abstract]	Information specific to Combiner products that are used in the system.				
ProductIdentifierDomain	Product Identifier	Use to identify individual products used in the system.				
ProductIdentifierInverterAbstract	Product Identifier, Inverter [Abstract]	Information specific to inverter products that are used in the system.				
ProductIdentifierLineItems	Product Identifier [Line Items]	Used to group a listing of equipment or products.				
ProductIdentifierLoggerAbstract	Product Identifier, Logger [Abstract]	Information specific to Logger products that are used in the system.				
ProductIdentifierMeterAbstract	Product Identifier, Meter [Abstract]	Information specific to Meter products that are used in the system.				
ProductIdentifierMetStationAbstract	Product Identifier, Meteorological Station [Abstract]	Information specific to Tracker products that are used in the system.				
ProductIdentifierModuleAbstract	Product Identifier, Module [Abstract]	Information specific to module products that are used in the system.				

ProductIdentifierMonitoringSolutionAbstract	Product Identifier, Monitoring Solution [Abstract]	Information specific to Monitoring Solution products that are used in the system.				
ProductIdentifierNetworkTypeAbstract	Product Identifier, Network Type [Abstract]	Information specific to NetworkType products that are used in the system.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ProductIdentifierOptimizerAbstract	Product Identifier, Optimizer [Abstract]	Information about the DC Optimizer used to maximize the performance of the modules.				
ProductIdentifierTable	Product Identifier [Table]	Represents a Product Class to describe types of products used in the system or plant.				
ProductIdentifierTrackerAbstract	Product Identifier, Tracker [Abstract]	Information specific to Tracker products that are used in the system.				
ProductIdentifierTransformerAbstract	Product Identifier, Transformer [Abstract]	Information specific to Transformer products that are used in the system.				
ProductModelCutSheetNew	Product Model Cut Sheet New, Flag	Indicates if the cut sheet is revised. If it is new, TRUE; if is not new, FALSE.				
ProductModelCutSheetRevised	Product Model Cut Sheet Revision Reason, Description	Description of the reason revisions were made to the cut sheet.				
ProductModelCutSheetRevisedReason	Product Model Cut Sheet Revised, Flag	Indicates if the cut sheet is revised. If it is revised, TRUE; if is not revised, FALSE.				
ProductName	Product Name	Name of the product, for example ABC Brand Inverter.				
ProductNotes	Product Notes, Description	Comments or notes about the product that may be found on a cut sheet. For example, ABC product also sold under the name XYZ product, or Model has been discontinued, or Part of family of several other models.				
ProFormaAbstract	Pro Forma [Abstract]	Information about the pro forma modeling.				
ProFormaAccrualAccountDepositPercentOfGrossPurchasePrice	Pro Forma Accrual Account Deposit As Percent Of Gross Purchase Price	Accrual account deposit as percent of gross purchase price.				
ProFormaAssumedAnnualInsuranceEscalator	Pro Forma, Assumed Annual Insurance Escalator, Percent	pro forma assumed annual insurance escalator percent.				
ProFormaDebtServiceCoverageRatio	Pro Forma Debt Service Coverage Ratio, Percent	Earnings Before Income Tax, Depreciation and Amortization of the project divided by rent.				
ProFormaDocumentLink	Pro Forma, Link	Link to the Pro Forma document.				
ProFormaInitialInsuranceCost	Pro Forma, Initial Insurance Cost, Amount	Amount of the pro forma initial insurance cost.				
ProFormaInitialInsuranceCostPerPower	Pro Forma, Initial Insurance Cost, Percent	pro forma initial insurance cost in currency per kWh.				

ProFormaP50FlipDate	Pro Forma P50 Flip Date	Date at which the partnership flip is expected to occur based on getting the average amount of expected output.				
ProjectAbstract	Project [Abstract]	Information about the project.				
ProjectAbstract	Project [Abstract]	Information about the Project.				
ProjectAddress1	Project Address 1	First line of the address where project is based.				
ProjectAddress2	Project Address 2	Second line of the address where project is based.				
ProjectAddressAbstract	Project Address [Abstract]	Information about the address of the project.				
ProjectAddressCity	Project Address City	City where the project is based.				
ProjectAddressCountry	Project Address Country	ISO country code where the project is located.				
ProjectAddressState	Project Address State	State where the project is based.				
ProjectAddressZipCode	Project Address Zip Code	Zip Code where the project is based.				
ProjectAdministrationAgreement	Project Administration Agreement [Abstract]	Information about the Project Administration Agreement with managing member to administer services required to operate the project.				
ProjectAdministrationAgreementAvailabilityOfDocument	Availability Of Project Administration Agreement, Flag	Indicates if the Project Administration Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
ProjectAdministrationAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Project Administration Agreement, Flag	Indicates if there are exceptions to the Project Administration Agreement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
ProjectAdministrationAgreementAvailabilityOfFinalDocument	Availability Of Final Project Administration Agreement, Flag	Indicates if the Project Administration Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
ProjectAdministrationAgreementCounterparties	Counterparties To The Project Administration Agreement, Names	Names of counterparties to the Project Administration Agreement.				
ProjectAdministrationAgreementDocumentLink	Project Administration Agreement, Link	Link to the Project Administration Agreement document.				
ProjectAdministrationAgreementEffectiveDate	Project Administration Agreement, Effective Date	Effective date of the Project Administration Agreement.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ProjectAdministrationAgreementExceptionDescription	Project Administration Agreement Exceptions, Description	Description of any exceptions to the Project Administration Agreement or issues raised.				

ProjectAdministrationAgreementExpirationDate	Project Administration Agreement, Expiration Date	Expiration date of the Project Administration Agreement.				
ProjectAssetType	Project Asset Type	Indicates the type of asset for the project which can be wind, solar or solar plus storage.				
ProjectClassType	Project Class Type	Indicates the class of project which can be Utility Scale, Distributed Generation, Residential, Community Solar or Other.				
ProjectCommentOnResidualValueReview	Comment on Residual Value Review	Comment made during Residual Value Review				
ProjectCompanySPVFederalTaxIdentifier	Project Company (Special Purpose Vehicle), Federal Tax Identifier	Federal tax identifier for the Project Company.				
ProjectCompanySPVName	Project Company (Special Purpose Vehicle), Name	Identifier for the Project Company.				
ProjectCounty	County Of Installation	County where the installation is located.				
ProjectDateOfLastResidualValueReview	Last Residual Value Review, Date	Date of most recent Residual Value Review.				
ProjectDescription	Project Description	Information describing the project.				
ProjectDevelopmentStrategy	Developer Project Development Strategy, Description	Description of the project development strategy, for example, greenfield, brownfield, acquisition.				
ProjectDistributedGenerationPortfolioOrUtilityScale	Project Distributed Generation Portfolio Or Utility Scale	Indicates whether the project is distributed generation or utility scale.				
ProjectEarlyBuyOutAmount	Project Early Buy Out, Amount	Amount of the buy-out at the end of the lease.				
ProjectEarlyBuyoutDate	Project Early Buyout, Date	In the event of an early buyout, earliest date at which the buyout can occur; can have multiple projects so this would be associated with a project				
ProjectEarlyBuyoutOptions	Project Early Buyout Options, Description	Description of early buy out options.				
ProjectEarlyBuyOutOptionsAbstract	Project Early Buyout Options [Abstract]	Information about early buy out options in project financing. A project can have multiple early buy out options.				
ProjectEarlyBuyOutOptionsAxis	Early Buy Out Options [Axis]	Used to represent early buy out options in project financing.				
ProjectEarlyBuyOutOptionsDomain	Early Buy Out Options [Domain]	Used to represent early buy out options in project financing.				
ProjectEarlyBuyOutOptionsLineItems	Early Buy Out Options [Line Items]	Line items represent information about early buy out options in project financing.				
ProjectEarlyBuyOutOptionsTable	Early Buy Out Options [Table]	Table represents early buy out options in project financing. Project financing may have more than one early buy out option with associated date and amount.				
ProjectFederalTaxIncentiveType	Federal Tax Incentive Type, Description	Description of federal tax incentive.				

ProjectFinancingAbstract	Project Financing [Abstract]	Information about project financing related to a fund, project or portfolio, which may take place during onboarding or any other stage in the lifecycle of the installation.				
ProjectFinancingCurtailmentAbilityAndCap	Curtailment Ability And Cap, Description	Description of curtailment ability and cap.				
ProjectFinancingFundingDate	Funding, Date	Date of the funding of the project.				
ProjectFinancingLessee	Project Company Lessee	Name of project company lessee.				
ProjectFinancingOtherMaterialOngoingObligations	Other Material Ongoing Obligations, Description	Description of other material ongoing obligations.				
ProjectFinancingPaymentServicingAbstract	Project Financing Payment Servicing [Abstract]	Information about payment servicing related to various kinds of project finance.				
ProjectFinancingPowerPurchaseAgreementTimeOfUse	Power Purchase Agreement Rate, Based On Time of Use, Flag	Indicates whether Power Purchase Agreement rate is based on time of delivery, a time specified during the day. If PPA is based on time of delivery, TRUE; if PPA is not based on time of delivery, FALSE.				
ProjectFinancingProjectFinancingNumber	Project Schedule Number	Bank-specific number associated with the project schedule.				
ProjectFinancingReportsAndNotifications	Reports and Notifications, Description	Description of reports and notifications.				
ProjectFinancingSideLetters	Side Letters, Description	Description of side letters.				
ProjectFinancingStructure	Financing Structure, Description	Description of financing structure, for example, sales leaseback, partnership flip.				
ProjectFinancingTaxIDNumber	Project Company Tax ID Number	Project company tax ID number.				
ProjectFinancingWorkingCapitalAccountPrefundedAmount	Project Working Capital Account Prefunded, Amount	Prefunded amount set aside by project company for working capital account in the fund.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ProjectFinancingWorkingCapitalAccountRequiredAmount	Project Working Capital Account Required, Amount	Required amount of the fund set aside by project company for working capital account.				
ProjectFinancingWorkingCapitalAccountRequiredMonths	Project Working Capital Account, Required Number Of Months	Required number of months of funds on hand set aside by project company for working capital account.				
ProjectFullyContractedPowerSales	Fully Contracted Power Sales Greater Than Or Equal To Sales Leaseback Term, Flag	Power Purchase Agreement is greater than or equal to the lease term in a sale leaseback. If the term greater, TRUE; if not, FALSE.				
ProjectFundLatestCOD	Latest Commercial Operations Date	Latest Commercial Operations Date (COD) of a project in a fund.				
ProjectHedgeAgreementType	Project Hedge Agreement Type	Type of hedge agreement in place for the project which can be Swap, Revenue Put, CfD (Contracts for Difference), None or Other.				

ProjectIdentifier	Project Identifier	Identifier for the project.				
ProjectIdentifierAxis	Project Identifier [Axis]	Used as the identifier for the Project.				
ProjectIdentifierDomain	Project Identifier	Used as the identifier for the Project.				
ProjectIdentifierTable	Project Identifier [Table]	Represents information about individual projects within a fund such as asset and class type, status, location and stage of development.				
ProjectIndemnifiedAmount	Indemnified, Amount	Amount of indemnification.				
ProjectInitialFundingYear	Initial Funding Year, Amount	Amount of funding in first year of the project.				
ProjectInterconnectionType	Project Interconnection Type	Indicates the nature of interconnection which can be behind the meter, virtual net meter or in front of the meter.				
ProjectInvestmentStatus	Project Investment Status	Indicates the investment status of the project which can be awarded, committed, partially funded, or fully funded.				
ProjectLevered	Project Is Levered, Flag	Indication as to whether project has leveraged debt. If it does have leveraged debt, TRUE; if it does not, FALSE.				
ProjectLineItems	Project [Line Items]	Use to group information about a project.				
ProjectName	Project, Name	Name assigned to the project.				
ProjectPerformanceLineItems	Project Performance [Line Items]	Used to group information about project performance.				
ProjectPerformanceTable	Project Performance [Table]	Represents information about the performance of a project.				
ProjectProductionBasedIncentiveFlag	Project Production Based Incentive, Flag	Indicates if the project has a production based incentive (PBI). If it has a PBI, TRUE; if not, FALSE.				
ProjectPropertyInsuranceEarthquakeRequirement	Property Insurance Earthquake Requirement, Description	Description of Earthquake Requirement in Property Insurance				
ProjectPropertyInsuranceFloodRequirement	Property Insurance Flood Requirement, Description	Description of Flood Requirement in Property Insurance				
ProjectRebateFlag	Project Rebate, Flag	Indicates if the project has a rebate. If it has a rebate, TRUE; if not, FALSE.				
ProjectRecentEventAboutTheProject	Recent Event About The Project, Description	Noteable event that happened within the last year.				
ProjectRecentEventSeverityOfEvent	Project Recent Event, Severity Of Event	Level of severity of the recent project event, which can be Low, Moderate, or High.				
ProjectRegulatoryInformationAbstract	Project Regulatory Information [Abstract]	Information about regulatory aspects of the project used.				

ProjectRenewableEnergyCertificatesFlag	Project Renewable Energy Certificates, Flag	Indicates if the project has renewable energy certificates. If it does, TRUE; if not, FALSE.				
ProjectRenewableEnergyCreditOfftakeAgreementFlag	Project Renewable Energy Credit Offtake Agreement, Flag	Indicates if the project has renewable energy credit offtake agreement. If it has a REC agreement, TRUE; if not, FALSE.				
ProjectReserveMember	Project Reserve [Member]	Reserve for a project.				
ProjectResidualValueAssumption	Residual Value Assumption at Underwriting, Amount	Remaining value of the project after the lease term or project ends.				
ProjectRoofObligations	Roof Obligations, Description	Description of obligations related to the roof.				
ProjectStage	Project Stage	Indicates the status of the project which can be under development, in construction or in operation.				
ProjectState	Project State, Name	State or region where the project is located.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ProjectStateTaxCreditFlag	Project State Tax Credit, Flag	Indicates if the project is entitled to a state tax credit. If it is entitled, TRUE; if it is not, FALSE.				
ProjectTaxEquityProviderContribution	Tax Equity Provider Contribution, Amount	Amount of contribution of tax equity provider.				
ProjectWindStatus	Project Wind Status	Describes the status of the wind project, for example whether it is new, or repowering.				
PropertyInsuranceAbstract	Property Insurance [Abstract]	Information about Property Insurance.				
PropertyInsuranceLineItems	Property Insurance [Line Items]	Used to group information about Property insurance related to the project or the system.				
PropertyInsuranceTable	Property Insurance [Table]	Table containing information about Property insurance, which may be required for different participants to the project such as a contractor, subcontractor, or project owner.				
PropertyPlantAndEquipmentGross	Property, Plant and Equipment, Gross	Amount before accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures.				
PropertyPlantAndEquipmentNet	Property, Plant and Equipment, Net	Amount after accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business to produce goods and services and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures.				
PropertyPlantAndEquipmentNetAbstract	Property, Plant and Equipment, Net [Abstract]					

PropertyPlantAndEquipmentSalvageValue	Property, Plant, And Equipment, Salvage Value	The estimated or actual value of the asset at the end of its useful life or when it is no longer serviceable (cannot be used for its original purpose).				
PropertyTaxExemptionOpinionAbstract	Property Tax Exemption Opinion [Abstract]	Information about the Property Tax Exemption Opinion for the project.				
PropertyTaxExemptionOpinionAvailabilityOfDocument	Availability Of Property Tax Exemption Opinion, Flag	Indicates if the Property Tax Exemption Opinion is available. If it is available, TRUE; if it is not available, FALSE.				
PropertyTaxExemptionOpinionAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Property Tax Exemption Opinion, Flag	Indicates if there are exceptions to the Property Tax Exemption Opinion or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
PropertyTaxExemptionOpinionAvailabilityOfFinalDocument	Availability Of Final Property Tax Exemption Opinion, Flag	Indicates if the Property Tax Exemption Opinion is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
PropertyTaxExemptionOpinionCounterparties	Counterparties To The Property Tax Exemption Opinion, Names	Names of counterparties to the Property Tax Exemption Opinion.				
PropertyTaxExemptionOpinionDocumentLink	Property Tax Exemption Opinion, Link	Link to the Property Tax Exemption Opinion document.				
PropertyTaxExemptionOpinionEffectiveDate	Property Tax Exemption Opinion, Effective Date	Effective date of the Property Tax Exemption Opinion.				
PropertyTaxExemptionOpinionExceptionDescription	Property Tax Exemption Opinion Exceptions, Description	Description of any exceptions to the Property Tax Exemption Opinion or issues raised.				
PropertyTaxExemptionOpinionExpirationDate	Property Tax Exemption Opinion, Expiration Date	Expiration date of the Property Tax Exemption Opinion.				
ProtectionDeviceMember	Protection Device [Member]	Protection device equipment.				
PunchListAbstract	Punch List [Abstract]	Information about the Punch List.				
PunchListAvailabilityOfDocument	Availability Of Punch List, Flag	Indicates if the Punch List is available. If it is available, TRUE; if it is not available, FALSE.				
PunchListCostOfOutstandingItems	Punch List, Outstanding Items, Cost	Cost of outstanding items on the Punch List.				
PunchListCounterparties	Punch List Counterparties, Names	Names of counterparties to the Punch List.				
PunchListDescription	Punch List, Description	Description of the Punch List.				
PunchListDocumentLink	Punch List, Link	Link to the Punch List document.				
PunchListEffectiveDate	Punch List, Effective Date	Effective date of the Punch List.				
PunchListExpectedCompletionDate	Punch List, Expected Completion Date	Expected completion date of the Punch List.				

PurchaseDate	Device Listing, Purchase Date	Purchase date of the device.				
--------------	-------------------------------	------------------------------	--	--	--	--

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
PVArrayEnergyOneYearYield	PV Array Energy One Year Yield, Energy	The PV array energy yield YA is the array energy output (DC) per rated kW(DC) of installed PV array: $YA = EA / P_0$. Calculated for a one year period.				
PVSystemIdentifier	System Identifier	Identifier for the System (plant).				
PVSystemIdentifierAxis	PV System Identifier [Axis]	Used as identifier for the System.				
PVSystemIdentifierDomain	PV System Identifier [Domain]	Used as identifier for the System.				
PVSystemOneYearYield	PV System One Year Yield, Energy	The final PV system yield Yf is the net energy output of the entire PV system (AC) per rated kW (DC) of installed PV array: $Yf = E_{out} / P_0$. Calculated for a one year period.				
PVSystemTable	PV System [Table]	Represents information about systems located on a site such as size and structure.				
PVUSATestConditionMember	PV USA Test Condition [Member]	Test condition measurement is performed under PTC (Photovoltaics Utility Scale Applications) which include the following constraints: cell temperature = 45; wind speed = 1; air mass = 1.5; irradiance = 1000; ambient temperature = 20.				
QualifyingFacilitiesSelfCertificationAbstract	Qualifying Facilities Self Certification [Abstract]	Information about the Qualifying Facilities Self Certification.				
QualifyingFacilitiesSelfCertificationAvailabilityOfDocument	Availability Of Qualifying Facilities Self Certification, Flag	Indicates if the Qualifying Facilities Self Certification is available. If it is available, TRUE; if it is not available, FALSE.				
QualifyingFacilitiesSelfCertificationAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Qualifying Facilities Self Certification, Flag	Indicates if there are exceptions to the Qualifying Facilities Self Certification or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
QualifyingFacilitiesSelfCertificationAvailabilityOfFinalDocument	Availability Of Final Qualifying Facilities Self Certification, Flag	Indicates if the Qualifying Facilities Self Certification is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
QualifyingFacilitiesSelfCertificationCounterparties	Counterparties To The Qualifying Facilities Self Certification, Names	Names of counterparties to the Qualifying Facilities Self Certification.				
QualifyingFacilitiesSelfCertificationDocumentLink	Qualifying Facilities Self Certification, Link	Link to the Qualifying Facilities Self Certification document.				
QualifyingFacilitiesSelfCertificationEffectiveDate	Qualifying Facilities Self Certification, Effective Date	Effective date of the Qualifying Facilities Self Certification.				
QualifyingFacilitiesSelfCertificationExceptionDescription	Qualifying Facilities Self Certification Exceptions, Description	Description of any exceptions to the Qualifying Facilities Self Certification or issues raised.				
QualifyingFacilitiesSelfCertificationExpirationDate	Qualifying Facilities Self Certification, Expiration Date	Expiration date of the Qualifying Facilities Self Certification.				

RackingMountingMember	Racking Mounting [Member]	Racking Mounting equipment.				
RatioArrayCapacityAsMeasuredToArrayCapacityAsRatedDC	Ratio of Array Capacity as Measured to Array Capacity as Rated, DC, Percent	Ratio of array capacity as measured to array capacity as rated in DC.				
RatioMeasuredInsolationToP50	Measured Insolation To P50 Insolation, Percent	Actual measured insolation divided by P50 insolation.				
RatioMeasuredInsolationToP50InceptionToDate	Measured Insolation To P50 Insolation, Inception To Date, Percent	Actual measured insolation divided by P50 insolation from inception to date.				
RatioNonWeatherCorrected	Performance Ratio, Non Weather Corrected, Ratio	Performance ratio, non-weather corrected calculated per IEC 61724-1 and measured per IEC 61724-2, unless otherwise specified.				
RatioWeatherCorrected	Performance Ratio, Weather Corrected, Ratio	Performance ratio, weather corrected calculated per IEC 61724-1 and measured per IEC 61724-2, unless otherwise specified.				
RealEstateTaxExpense	Real Estate Tax Expense, Amount	A tax based on the assessed value of real estate by the local government. The tax is usually based on the value of property (including the land).				
ReasonForComponentMaintenanceTicket	Reason For Maintenance Ticket, Description	Reason for the maintenance ticket written regarding a component related to the system.				
RebateRevenue	Rebate Revenue	Revenue from rebates from federal and state governments.				
RECBuyerAcknowledgementDocumentLink	REC Buyer Acknowledgement, Link	Link to the REC Buyer Acknowledgement document.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ReceivablesNetCurrent	Receivables, Net, Current	The total amount due to the entity within one year of the balance sheet date (or one operating cycle, if longer) from outside sources, including trade accounts receivable, notes and loans receivable, as well as any other types of receivables, net of allowances established for the purpose of reducing such receivables to an amount that approximates their net realizable value.				
ReferenceOneYearYield	Reference One Year Yield, Energy	The reference yield Yr can be calculated by dividing the total in-plane irradiation by the module's reference plane of array irradiance: $Yr = H_i / G_{i,ref}$, where the reference plane of array irradiance $G_{i,ref}$ (kWm ⁻²) is the irradiance at which P0 is determined. Calculated for a one year period.				
RegulatoryAbstract	Regulatory [Abstract]	Information about regulatory aspects of the system.				
RegulatoryApplicationApprovalDate	Regulatory Application, Approval Date	Date on which the Qualified Facility (QF) or Exempt Wholesale Generators (EWG) application was approved.				
RegulatoryApplicationLink	Regulatory Application, Link	Link to regulatory application document.				

RegulatoryApplicationSubmissionDate	Regulatory Application, Submission Date	Date on which the Qualified Facility (QF) or Exempt Wholesale Generators (EWG) application was submitted.				
RegulatoryApprovalLink	Regulatory Approval, Link	Link to regulatory approval notice.				
RegulatoryApprovalStatus	Regulatory Approval, Status	Describes status of regulatory approval received which can be Not Submitted, Submitted, Approved, or Declined.				
RegulatoryCertificationNumber	Regulatory Certification, Number	Certificate number for the Qualified Facility (QF) or Exempt Wholesale Generators (EWG).				
RegulatoryFacilityType	Regulatory Facility Type	Describes type of regulatory facility, which can be QF (Qualified Facility), EWG (Exempt Wholesale Generators), or Not Applicable.				
RegulatoryFederalEnergyRegulatoryCommissionType	Federal Energy Regulatory Commission, Type, Description	Description of the type of FERC regulation that applies to the power plant based on its capacity.				
RegulatoryFERC203ApplicationApprovalNoticeDate	Regulatory FERC203 Application Approval Notice, Date	Date on which FERC 203 application was approved.				
RegulatoryFERC203ApplicationApprovalNoticeLink	Regulatory FERC203 Application Approval Notice, Link	Link to FERC 203 approval notice.				
RegulatoryFERC203ApplicationLink	Regulatory FERC203 Application, Link	Link to FERC 203 application document.				
RegulatoryFERC203ApplicationSubmissionDate	Regulatory FERC203 Application, Submission Date	Date on which FERC 203 application was submitted.				
RegulatoryFERC203Flag	Regulatory FERC203, Flag	Indicates if the project must file a MBR (market based rate) application under FERC 203. If the project must file an application, TRUE; if not, FALSE.				
RegulatoryFERC203Status	Regulatory FERC203, Status	Describes status of regulatory approval received for FERC 203 which can be Not Submitted, Submitted, Approved, or Declined.				
RegulatoryFERC205ApplicationApprovalNoticeDate	Regulatory FERC205 Application Approval Notice, Date	Date on which FERC 205 application was approved.				
RegulatoryFERC205ApplicationApprovalNoticeLink	Regulatory FERC205 Application Approval Notice, Link	Link to FERC 205 approval notice.				
RegulatoryFERC205ApplicationLink	Regulatory FERC205 Application, Link	Link to FERC 205 application document.				
RegulatoryFERC205ApplicationSubmissionDate	Regulatory FERC205 Application, Submission Date	Date on which FERC 205 application was submitted.				
RegulatoryFERC205Flag	Regulatory FERC205, Flag	Indicates if the project must file a MBR (market based rate) application under FERC 205. If the project must file an application, TRUE; if not, FALSE.				
RegulatoryFERC205Status	Regulatory FERC205, Status	Describes status of regulatory approval received for FERC 205 which can be Not Submitted, Submitted, Approved, or Declined.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
-----------------------	-----------------------------	------------	--------	--------------------	---------------------------------	---------------------------------

RegulatoryPowerMarket	Power Market, Description	Region where power is sold, for example California CAISO, MISO, New England, New York, Northwest, PJM, Southeast, Southwest, SPP, Texas which are markets named at ferc.gov .				
RegulatoryPublicUtilitiesCommissionApproval	Public Utilities Commission Approval, Description	Confirmation of receipt of Public Utilities Commission (PUC) approval. If approved, TRUE; if not approved, FALSE.				
RegulatorySpecialFeatures	Special Regulatory Features, Description	Description of special features related to regulation.				
RelatedPartyTransactionDescriptionOfTransaction	Related Party Transaction, Description of Transaction	A description of the related party transaction, including transactions to which no amounts or nominal amounts were ascribed and such other information deemed necessary to an understanding of the effects of the transactions on the financial statements. Examples of common related party transactions are, sales, purchases and transfers of realty and personal property, services received or furnished, loans and leases to and from top management and affiliates.				
RenewableEnergyCreditAbstract	Renewable Energy Credit [Abstract]	Information about the Renewable Energy Credits				
RenewableEnergyCreditActualAmount	Renewable Energy Credit Actual, Amount	Actual amount of renewable energy credit.				
RenewableEnergyCreditActualAmountInceptionToDate	Renewable Energy Credit Actual, Inception To Date, Amount	Actual amount of renewable energy credit from inception to date.				
RenewableEnergyCreditActualToExpectedRevenue	Renewable Energy Credit, Actual To Expected Revenue, Percent	Actual renewable energy credit revenue divided by expected renewable energy credit revenue.				
RenewableEnergyCreditActualToExpectedRevenueInceptionToDate	Renewable Energy Credit, Actual To Expected Revenue, Inception To Date, Percent	Actual renewable energy credit revenue divided by expected renewable energy credit from inception to date.				
RenewableEnergyCreditAmountAbstract	Renewable Energy Credit Amount [Abstract]	Information about the actual and expected credit amounts of the Renewable Energy Credit				
RenewableEnergyCreditBuyerAcknowledgementAbstract	Renewable Energy Credit Buyer Acknowledgement [Abstract]	Information about the Renewable Energy Credit Buyer Acknowledgement for the project.				
RenewableEnergyCreditBuyerAcknowledgementAvailabilityOfDocument	Availability Of Renewable Energy Credit Buyer Acknowledgement, Flag	Indicates if the Renewable Energy Credit Buyer Acknowledgement is available. If it is available, TRUE; if it is not available, FALSE.				
RenewableEnergyCreditBuyerAcknowledgementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Renewable Energy Credit Buyer Acknowledgement, Flag	Indicates if there are exceptions to the Renewable Energy Credit Buyer Acknowledgement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
RenewableEnergyCreditBuyerAcknowledgementAvailabilityOfFinalDocument	Availability Of Final Renewable Energy Credit Buyer Acknowledgement, Flag	Indicates if the Renewable Energy Credit Buyer Acknowledgement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
RenewableEnergyCreditBuyerAcknowledgementCounterparties	Counterparties To The Renewable Energy Credit Buyer Acknowledgement, Names	Names of counterparties to the Renewable Energy Credit Buyer Acknowledgement.				
RenewableEnergyCreditBuyerAcknowledgementEffectiveDate	Renewable Energy Credit Buyer Acknowledgement, Effective Date	Effective date of the Renewable Energy Credit Buyer Acknowledgement.				

RenewableEnergyCreditBuyerAcknowledgementExceptionDescription	Renewable Energy Credit Buyer Acknowledgement Exceptions, Description	Description of any exceptions to the Renewable Energy Credit Buyer Acknowledgement or issues raised.				
RenewableEnergyCreditBuyerAcknowledgementExpirationDate	Renewable Energy Credit Buyer Acknowledgement, Expiration Date	Expiration date of the Renewable Energy Credit Buyer Acknowledgement.				
RenewableEnergyCreditContractAmendmentExecutionDate	Renewable Energy Credit Contract Amendment, Execution Date	Execution date of the Renewable Energy Credit Contract Amendment which is the amendment to the agreement between the Project Company and the REC offtaker, which could be the investor or bank.				
RenewableEnergyCreditContractExecutionDate	Renewable Energy Credit Contract, Execution Date	Execution date of the Renewable Energy Credit contract which is the agreement between the Project Company and the REC offtaker, which could be the investor or bank.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
RenewableEnergyCreditContractExpirationDate	Renewable Energy Credit Contract, Expiration Date	Expiration date of the Renewable Energy Credit Contract which is the agreement between the Project Company and the REC offtaker, which could be the investor or bank.				
RenewableEnergyCreditContractFirmPrice	Renewable Energy Credit Contract Firm Price, Amount Per Power	Value of the Renewable Energy Credit associated with the guaranteed firm volume in currency per kWh per the Renewable Energy Credit Contract which is the agreement between the Project Company and the REC offtaker, which could be the investor or bank.				
RenewableEnergyCreditContractFirmVolume	Renewable Energy Credit Contract Firm Volume, Power	Value of the Renewable Energy Credit associated with the guaranteed firm volume in MWh per the Renewable Energy Credit Contract which is the agreement between the Project Company and the REC offtaker, which could be the investor or bank.				
RenewableEnergyCreditContractGuaranteedOutput	Renewable Energy Credit Contract Guaranteed Output, Power	Total guaranteed output associated with the guaranteed firm volume in kWh per the Renewable Energy Credit Contract which is the agreement between the Project Company and the REC offtaker, which could be the investor or bank.				
RenewableEnergyCreditContractInitiationDate	Renewable Energy Credit Contract, Initiation Date	Initiation date of the Renewable Energy Credit Contract which is the agreement between the Project Company and the REC offtaker, which could be the investor or bank.				
RenewableEnergyCreditContractPortionOfSite	Renewable Energy Credit Contract, Portion of Site, Percent	Renewable energy credit percentage of site based on units defined as REC portion units (the portion of the units on a site which are eligible for the REC).				
RenewableEnergyCreditContractPortionOfUnits	Renewable Energy Credit Contract, Portion of Units, Description	Description of units used to measure power system capacity for Renewable Energy Credit in power units.				
RenewableEnergyCreditContractRateEscalator	Renewable Energy Credit Contract Rate Escalator, Percent	Percent increase escalation per year of the renewable energy credit price.				
RenewableEnergyCreditContractRateType	Renewable Energy Credit Contract Rate Type, Description	Description of the Renewable Energy Credit Contract rate type.				
RenewableEnergyCreditContractStructure	Renewable Energy Credit Contract Structure, Description	Description of the structure of the Renewable Energy Credit contract.				

RenewableEnergyCreditContractTerm	Renewable Energy Credit Contract, Term	Term of the Renewable Energy Credit Contract Performance Guarantee. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
RenewableEnergyCreditContractVolumeCap	Renewable Energy Credit Contract Volume Cap, Power	Maximum amount of renewable energy that can be sold over a specified time period in MWh per the Renewable Energy Credit Contract, which is the agreement between the Project Company and the REC offtaker, which could be the investor or bank.				
RenewableEnergyCreditEnvironmentalAttributesOwner	Renewable Energy Credit Contract, Environmental Attributes Owner	Name of the environmental attributes owner, per the Renewable Energy Credit Contract which is the agreement between the Project Company and the REC offtaker, which could be the investor or bank.				
RenewableEnergyCreditExpectedAmount	Renewable Energy Credit Expected, Amount	Expected amount of renewable energy credit.				
RenewableEnergyCreditExpectedAmountInceptionToDate	Renewable Energy Credit Expected, Inception To Date, Amount	Expected amount of renewable energy credit from inception to date.				
RenewableEnergyCreditOfftakeAgreementAbstract	Renewable Energy Credit OffTake Agreement [Abstract]	Information about a Renewable Energy Credit Agreement OffTake Agreement.				
RenewableEnergyCreditOfftakeAgreementAvailabilityOfDocument	Availability Of Renewable Energy Credit Offtake Agreement, Flag	Indicates if the Renewable Energy Credit Offtake Agreement is available. If it is available, TRUE; if it is not available, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
RenewableEnergyCreditOfftakeAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Renewable Energy Credit Offtake Agreement, Flag	Indicates if there are exceptions to the Renewable Energy Credit Offtake Agreement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
RenewableEnergyCreditOfftakeAgreementAvailabilityOfFinalDocument	Availability Of Final Renewable Energy Credit Offtake Agreement, Flag	Indicates if the Renewable Energy Credit Offtake Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
RenewableEnergyCreditOfftakeAgreementCounterparties	Counterparties To The Renewable Energy Credit Offtake Agreement, Names	Names of counterparties to the Renewable Energy Credit Offtake Agreement.				
RenewableEnergyCreditOfftakeAgreementDocumentLink	Renewable Energy Credit Offtake Agreement, Link	Link to the Renewable Energy Credit Offtake Agreement document.				
RenewableEnergyCreditOfftakeAgreementEffectiveDate	Renewable Energy Credit Offtake Agreement, Effective Date	Effective date of the Renewable Energy Credit Offtake Agreement.				
RenewableEnergyCreditOfftakeAgreementExceptionDescription	Renewable Energy Credit Offtake Agreement Exceptions, Description	Description of any exceptions to the Renewable Energy Credit Offtake Agreement or issues raised.				
RenewableEnergyCreditOfftakeAgreementExpirationDate	Renewable Energy Credit Offtake Agreement, Expiration Date	Expiration date of the Renewable Energy Credit Offtake Agreement.				
RenewableEnergyCreditPerformanceGuarantee	Renewable Energy Credit Contract Performance Guarantee, Percent	Performance guarantee as percent of P50 energy production per the Renewable Energy Credit Contract which is the agreement between the Project Company and the REC offtaker, which could be the investor or bank.				

RenewableEnergyCreditPerformanceGuaranteeAbstract	Renewable Energy Credit Performance Guarantee [Abstract]	Information about the renewable energy credit performance guarantee.				
RenewableEnergyCreditPerformanceGuaranteeExpirationDate	Renewable Energy Credit Contract Performance Guarantee, Expiration Date	Expiration date of the Renewable Energy Credit Contract performance guarantee.				
RenewableEnergyCreditPerformanceGuaranteeNumberOfCredits	Renewable Energy Credit Performance Guarantee RECs Guaranteed, Number	Number of renewable energy credits guaranteed per the performance agreement.				
RenewableEnergyCreditPerformanceGuaranteeTerm	Renewable Energy Credit Contract Performance Guarantee Term, Period	Term in years of the Renewable Energy Credit contract performance guarantee. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
RenewableEnergyCreditPerformanceGuaranteeType	Renewable Energy Credit Contract Performance Guarantee, Description	Description of the Renewable Energy Credit contract performance guarantee.				
RenewableEnergyCreditPerformaneGuaranteeInitiationDate	Renewable Energy Credit Contract Performance Guarantee, Initiation Date	Initiation date of the Renewable Energy Credit contract performance guarantee.				
RenewableEnergyInspectionBodyName	Renewable Energy Inspection Body, Name	Name of the renewable energy inspection body completing the annual test.				
ReportableEnvironmentalCondition	Reportable Environmental Condition, Description	Description of the Reportable Environmental Condition.				
ReportableEnvironmentalConditionAbstract	Reportable Environmental Condition [Abstract]	Information about the Reportable Environmental Condition.				
ReportableEnvironmentalConditionAction	Reportable Environmental Condition Action, Description	Description of any action that will be taken to remedy issues with the Reportable Environmental Condition.				
ReportableEnvironmentalConditionIdentifierAxis	Reportable Environmental Condition Identifier [Axis]	Used as the identifier for the Reportable Environmental Condition.				
ReportableEnvironmentalConditionIdentifierDomain	Reportable Environmental Condition Identifier [Domain]	Used as the identifier for the Reportable Environmental Condition.				
ReportableEnvironmentalConditionIdentifierTable	Reportable Environmental Condition Identifier [Table]	Represents reportable environmental conditions (REC), such as hazardous substances or petroleum products at or near a site, which are reported in an environmental assessment report. Data reported on RECs include recommendations on how to remedy the situation.				
ReserveAbstract	Reserve [Abstract]	Information about reserves available for the project or for the fund.				
ReserveAccountNumber	Reserve Account Number	Bank account number for the reserve.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ReserveAccountRequiredDate	Reserve Account Required Date	Date on which the reserve account is required to be established.				

ReserveCollateralType	Reserve Collateral Type	Type of reserve collateral which could be cash or letter of credit.				
ReserveFormOfCurrentReserve	Form of Current Reserve	Form of current reserve, either Letter of Credit or cash.				
ReserveFundAccumulationOnSchedule	Reserve Fund Accumulation On Schedule, Flag	Indication that reserve fund has accumulated per schedule. If it is on schedule, TRUE; if it is not on schedule, FALSE.				
ReserveLetterOfCreditProviderCreditRating	Credit Rating of Letter of Credit Provider	Credit rating of provider of letter of credit, either Moody's or Standard and Poors.				
ReservePreFundedAmount	Reserve Pre Funded, Amount	Prefunded amount available in the reserve at the start of the project or fund.				
ReservePreFundedAmountRequired	Reserve Pre Funded Required, Amount	Amount required to be prefunded in the reserve for the project or fund.				
ReservePreFundedNumberOfMonths	Reserve Pre Funded Months, Number	Number of prefunded months available in the reserve at the start of the project or fund.				
ReservePreFundedNumberOfMonthsRequired	Reserve Pre Funded Months Required, Number	Number of prefunded months required to have available in the reserve for the project or fund.				
ReserveReserveHasBeenUsed	Reserve Used, Flag	Indication that reserve has been used. If it has been used, TRUE; if it has not been used, FALSE.				
ReserveTargetAmount	Target Reserve, Amount	Target amount of reserve.				
ReserveTypeAxis	Reserve Type [Axis]	Used to identify classes of reserves used to finance a solar installation which can be for the fund or the project.				
ReserveTypeDomain	Reserve Type [Domain]	Used to identify classes of reserves used to finance a solar installation which can be for the fund or the project.				
ReserveTypeLineItems	Reserve Type [Line Items]	Used to group information about a reserve.				
ReserveTypeTable	Reserve Type [Table]	Represents information about classes of reserves established for a project or a fund such as bank account, balance, date established and form of reserve.				
ReserveUse	Use of Reserve	Description of how the reserve funds will be used which can be for rent, maintenance or other activities.				
RetainedEarningsAccumulatedDeficit	Retained Earnings (Accumulated Deficit)	The cumulative amount of the reporting entity's undistributed earnings or deficit.				
RevenueMeterAccuracyRangePercentMaximum	Revenue Meter Accuracy Percent Range, Maximum	Percent maximum accuracy of the revenue meter, per manufacturer specification.				
RevenueMeterAccuracyRangePercentMinimum	Revenue Meter Accuracy Percent Range, Minimum	Percent minimum accuracy of the revenue meter, per manufacturer specification.				
RevenueMeterDimensionsAbstract	Revenue Meter Dimensions [Abstract]	Information about the dimensions of the revenue meter.				
RevenueMeterDimensionsHeight	Revenue Meter Dimensions, Height	Height of the revenue meter.				

RevenueMeterDimensionsLength	Revenue Meter Dimensions, Length	Length of the revenue meter.				
RevenueMeterDimensionsWidth	Revenue Meter Dimensions, Width	Width of the revenue meter.				
RevenueMeterEnclosure	Revenue Meter Enclosure, Description	Description of the enclosure for the revenue meter, for example NEMA 3 R type.				
RevenueMeterFrequency	Revenue Meter Frequency, Amount	Frequency of the revenue meter per manufacturer specification.				
RevenueMeterKilovoltAmpereReactiveData	Revenue Meter, Availability Of Kilovolt-Ampere Reactive Data, Flag	Indication as to whether revenue meter kVar data has been collected. If data has been collected, TRUE; if data has not been collected, FALSE.				
RevenueMeterMaximumRatingContinuousCurrent	Revenue Meter Rating, Continuous Current	Rated continuous AC current of the revenue meter.				
RevenueMeterMaximumRatingContinuousVoltageLineToLine	Revenue Meter Rating, Continuous Voltage, Line To Line	AC voltage of the line to line revenue meter.				
RevenueMeterMaximumRatingContinuousVoltageLineToNeutral	Revenue Meter Rating, Continuous Voltage, Line To Neutral	AC voltage of the line to neutral revenue meter.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
RevenueMeterOperationalTemperature	Revenue Meter Operational Temperature	Operational temperature of the revenue meter. Can be reported as Celsius or Fahrenheit by the preparer when specifying units in the instance document.				
RevenueMeterOperationalTemperatureRangeMaximum	Revenue Meter Operational Temperature Range, Maximum	Maximum operating temperature of the revenue meter. Can be reported as Celsius or Fahrenheit by the preparer when specifying units in the instance document.				
RevenueMeterOperationalTemperatureRangeMinimum	Revenue Meter Operational Temperature Range, Minimum	Minimum operating temperature of the revenue meter. Can be reported as Celsius or Fahrenheit by the preparer when specifying units in the instance document.				
RevenueMeterPhase	Revenue Meter Phase, Description	Description of the phases of the revenue meter, for example, 240 VAC single phase, per manufacturer specification.				
RevenueMeterPhaseData	Revenue Meter, Availability Of Phase Data, Flag	Indication as to whether phase data has been collected. If data has been collected, TRUE; if data has not been collected, FALSE.				
RevenueMeterPowerFactor	Revenue Meter, Power Factor	Measure of the power factor of the power system.				
RevenueMeterRatingContinuousVoltage	Revenue Meter Rating, Continuous Voltage	AC voltage of the revenue meter.				
RevenueMeterSocketType	Revenue Meter Socket Type, Description	Socket type of the revenue meter, per manufacturer specification.				
RevenueMeterStartingWatts	Revenue Meter Starting Watts, Description	Description of the amount of watts needed to start the revenue meter, for example less 5 Watts, per manufacturer specification.				
RevenueMeterTypicalWattLoss	Revenue Meter Typical Watt Loss, Amount	Typical amount of watts lost through the revenue meter, per manufacturer specification.				

RevenueMeterVoltageRatingAccuracyRange	Revenue Meter Voltage Rating, Accuracy Range	Accuracy range of the revenue meter voltage, for example +/- 20%.				
RevenueMeterWeight	Revenue Meter Weight, Amount	Weight of the revenue meter.				
Revenues	Revenues	Amount of revenue recognized from goods sold, services rendered, insurance premiums, or other activities that constitute an earning process. Includes, but is not limited to, investment and interest income before deduction of interest expense when recognized as a component of revenue, and sales and trading gain (loss).				
Revenues	Revenues	Amount of revenue recognized from goods sold, services rendered, insurance premiums, or other activities that constitute an earning process. Includes, but is not limited to, investment and interest income before deduction of interest expense when recognized as a component of revenue, and sales and trading gain (loss).				
RevenuesAbstract	Revenues [Abstract]	Information about the revenues portion of the operating company financial statement.				
ReviewByContractorOfAssetManagementIncludingInfrastructureMember	Review By Contractor Of Asset Management Including Infrastructure [Member]	Contractors review of part of the Independent Engineer Report covering Asset Management including infrastructure (ticketing, billing system, etc.).				
ReviewByContractorOfEPCHighVoltageMember	Review By Contractor Of EPC High Voltage [Member]	Contractors review of part of the Independent Engineer Report covering EPC, high voltage (if applicable) and any other main subs.				
ReviewByContractorOfMonitoringServiceProviderMember	Review By Contractor Of Monitoring Service Provider [Member]	Contractors review of part of the Independent Engineer Report covering monitoring service provider.				
ReviewByContractorOfOperationsAndMaintenanceMember	Review By Contractor Of Operations And Maintenance [Member]	Contractors review of part of the Independent Engineer Report covering O&M and main subs.				
ReviewByContractorOfOtherTopicsMember	Review By Contractor Of Other Topics [Member]	Contractors review of part of the Independent Engineer Report covering other topic areas.				
ReviewOfConstructionMonitoringMember	Review Of Construction Monitoring [Member]	Review of report for construction monitoring reports typically by Independent Engineer.				
ReviewOfModuleFactoryAuditMember	Review Of Module Factory Audit [Member]	Review of report for module factory audit reports typically by Independent Engineer.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ReviewOfModuleLabTestingMember	Review Of Module Lab Testing [Member]	Review of report for module lab testing reports typically by Indendent Engineer.				
RoofSlopeType	Roof Slope Type	Type of roof slope which can be flat, sloped or steep.				
RoofTopAbstract	Roof Top [Abstract]	Information about the roof.				
RoofTopMember	RoofTop [Member]	Represents a rooftop installation.				

RoofType	Roof Type	Type of roof which can be Thermoplastic Polyolefin, Ethylene Propylene Diene Terpolymer, Polyvinyl Chloride, Built Up Bituminous, SBS, Asphalt Shingle, Wood Shingle, Composite Shingle, Slate, Metal Roof, Tile Clay, Tile Concrete.				
SaleAndLeasebackTransactionGainLossNet	Sale and Leaseback Transaction, Gain (Loss), Net	Amount of gain (loss) on sale and leaseback transaction from transfer of asset accounted for as sale.				
SaleLeasebackAbstract	Sale Leaseback [Abstract]	Information about sale leasebacks.				
SaleLeasebackContractForProjectAbstract	Sale Leaseback Contract For Project [Abstract]	Information contained in the contract for a sale leaseback.				
SaleLeasebackCounterparty	Sale Leaseback Counterparty, Name	Name of the counterparty to the sale leaseback.				
SaleLeasebackCounterpartyAddress	Sale Leaseback Counterparty, Address	Address of the counterparty to the sale leaseback.				
SaleLeasebackCounterpartyJurisdiction	Sale Leaseback Counterparty Type, Description	Description of the type of counterparty in the sale leaseback. For example, trust.				
SaleLeasebackCounterpartyType	Sale Leaseback Counterparty Jurisdiction, Description	Jurisdiction of the counterparty in the sale leaseback, for example, name of the state.				
SaleLeasebackServicingForProjectAbstract	SaleLeaseBack Servicing For Project [Abstract]	Information contained in the servicing for a sale leaseback.				
SaleLeasebackTermOfContract	Sale Leaseback, Contract Term	Contract term of the sale leaseback. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
SaleLeasebackTransactionAccumulatedDepreciation	Sale Leaseback Transaction, Accumulated Depreciation	The accumulated depreciation and amortization related to the asset(s) sold in connection with the property sold to another party and leased back to the seller.				
SaleLeasebackTransactionAmountDueUnderFinancingArrangement	Sale Leaseback Transaction, Amount Due under Financing Arrangement	The liability due as of the balance sheet date for leasebacks accounted for using the deposit method.				
SaleLeasebackTransactionAnnualRentalPayments	Sale Leaseback Transaction, Annual Rental Payments	The yearly payments due under the lease entered into in connection with the transaction involving the sale of property to another party and the lease of the property back to the seller.				
SaleLeasebackTransactionCircumstancesRequiringContinuingInvolvement	Sale Leaseback Transaction, Circumstances Requiring Continuing Involvement	Instances where future commitments are required by the seller-lessee in a transaction involving the sale of property to another party and the lease of the property back to the seller.				
SaleLeasebackTransactionCumulativeGainRecognized1	Sale Leaseback Transaction, Cumulative Gain Recognized	Cumulative amount of gain recognized (out of deferred gain) as income or a reduction in rent expense.				
SaleLeasebackTransactionCurrentPeriodGainRecognized	Sale Leaseback Transaction, Current Period Gain Recognized	The portion of the deferred gain that was recognized in the current period.				
SaleLeasebackTransactionDate	Sale Leaseback Transaction, Date	The date of the transaction involving the sale of the property to another party and the lease of the property back to the seller.				

SaleLeasebackTransactionDeferredGainGross	Sale Leaseback Transaction, Deferred Gain, Gross	The amount of the gain recorded in connection with the transaction involving the sale of property to another party and the lease of the property back to the seller to be recognized in future periods.				
SaleLeasebackTransactionDeferredGainNet	Sale Leaseback Transaction, Deferred Gain, Net, Total	The portion of the gain that will be recorded as income or a reduction in rent expense in future periods less amounts recognized in the current period.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
SaleLeasebackTransactionDeferredGainNetAbstract	Sale Leaseback Transaction, Deferred Gain, Net [Abstract]					
SaleLeasebackTransactionDescription	Sale Leaseback Transaction, Description	A description of the significant provisions of the transaction involving the sale of property to another party and the lease of the property back to the seller.				
SaleLeasebackTransactionDescriptionAxis	Sale Leaseback Transaction, Description [Axis]	Information pertinent to a sale and leaseback transaction, by transaction.				
SaleLeasebackTransactionDescriptionOfAccountingForLeaseback	Sale Leaseback Transaction, Description of Accounting for Leaseback	A description of whether the lease entered into in connection with the transaction involving the sale of property to another party and the lease of the property back to the seller was accounted for as an operating or capital lease. If the sale of the asset(s) did not meet the requirements to be accounted for as a sale, whether the transaction was accounted for using the deposit method or as a financing.				
SaleLeasebackTransactionDescriptionOfAssetS	Sale Leaseback Transaction, Description of Asset(s)	A description of the transaction and the assets involved in the sale of property to another party and the lease of the property back to the seller.				
SaleLeasebackTransactionGrossProceedsFinancingActivities	Sale Leaseback Transaction, Gross Proceeds, Financing Activities	Amount of cash inflow before closing and debt issuance costs received by a seller-lessee in a sale-leaseback recognized in financing activities.				
SaleLeasebackTransactionGrossProceedsInvestingActivities	Sale Leaseback Transaction, Gross Proceeds, Investing Activities	Amount of cash inflow before closing and debt issuance costs received by a seller-lessee in a sale-leaseback recognized in investing activities.				
SaleLeasebackTransactionHistoricalCost	#ERROR!	The historical cost of the asset(s) sold in connection with the sale of the property to another party and the lease of the property back to the seller.				
SaleLeasebackTransactionImputedInterestRate	Sale Leaseback Transaction, Imputed Interest Rate	The financing cost related to leases that have been recorded under the deposit method, as a financing or as a capital leases in connection with the transaction involving the sale of property to another party and the lease of the property back to the seller.				
SaleLeasebackTransactionLeaseTerms	Sale Leaseback Transaction, Lease Terms	A description of the terms of the lease(s) related to the assets being leased-back in connection with the transaction involving the sale of property to another party and the lease of the property back to the seller.				
SaleLeasebackTransactionLineItems	Sale Leaseback Transaction [Line Items]	Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table.				

SaleLeasebackTransactionMonthlyRentalPayments	Sale Leaseback Transaction, Monthly Rental Payments	The amount of the monthly rental payments due under the lease entered into in connection with the transactions involving the sale of property to another party and the lease of the property back to the seller.				
SaleLeasebackTransactionNameDomain	Sale Leaseback Transaction, Name [Domain]	The name of the significant provisions of the transaction involving the sale of property to another party and the lease of the property back to the seller.				
SaleLeasebackTransactionNetBookValue	Sale Leaseback Transaction, Net Book Value	The net book value of the asset(s) sold in connection with the sale of the property to another party and lease back to the seller.				
SaleLeasebackTransactionNetBookValueAbstract	Sale Leaseback Transaction, Net Book Value [Abstract]					
SaleLeasebackTransactionNetProceedsFinancingActivities	Sale Leaseback Transaction, Net Proceeds, Financing Activities, Total	Amount of cash inflow after closing and debt issuance costs received by a seller-lessee in a sale-leaseback recognized in financing activities.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
SaleLeasebackTransactionNetProceedsFinancingActivitiesAbstract	Sale Leaseback Transaction, Net Proceeds, Financing Activities [Abstract]					
SaleLeasebackTransactionNetProceedsInvestingActivities	Sale Leaseback Transaction, Net Proceeds, Investing Activities, Total	Amount of cash inflow after closing and debt issuance costs received by a seller-lessee in a sale-leaseback recognized in investing activities.				
SaleLeasebackTransactionNetProceedsInvestingActivitiesAbstract	Sale Leaseback Transaction, Net Proceeds, Investing Activities [Abstract]					
SaleLeasebackTransactionOtherInformation	Sale Leaseback Transaction, Other Information	A description of any other information relevant to the transaction involving the sale of property to another party and the lease of the property back to the seller.				
SaleLeasebackTransactionOtherPaymentsRequired	Sale Leaseback Transaction, Other Payments Required	Other amounts the seller-lessee is required to pay under the terms of the transaction involving the sale of property to another party and lease of the property back to the seller, including reimbursements for such items, as utilities, taxes, insurance and common area maintenance.				
SaleLeasebackTransactionQuarterlyRentalPayments	Sale Leaseback Transaction, Quarterly Rental Payments	The amount of the quarterly rental payments due under the lease entered into in connection with the transactions involving the sale of property to another party and the lease of the property back to the seller.				
SaleLeasebackTransactionRentExpense	Sale Leaseback Transaction, Rent Expense	The amount of the current period expense recorded for use of the property in connection with the transaction involving the sale of property to another party and the lease of the property back to the seller.				
SaleLeasebackTransactionTable	Sale Leaseback Transaction [Table]	A summary of the elements of a transaction involving the entity's sale of property to another party and the lease of the property back to the entity.				
SaleLeasebackTransactionTransactionCostsFinancingActivities	Sale Leaseback Transaction, Transaction Costs, Financing Activities	Amount of cash outflow for transaction costs in a sale-leaseback recognized in financing activities. Includes, but is not limited to, closing and debt issuance costs.				

SaleLeasebackTransactionTransactionCostsInvestingActivities	Sale Leaseback Transaction, Transaction Costs, Investing Activities	Amount of cash outflow for transaction costs in a sale-leaseback recognized in investing activities. Includes, but is not limited to, closing and debt issuance costs.				
SCADASystemAbstract	SCADA Systems [Abstract]	Information about the SCADA System.				
SCADASystemCommunicationProtocol	SCADA System Communication Protocol	Communication protocol of the SCADA System which can be Modbus, Zigbee, WIFI, or Ethernet.				
SCADASystemDocumentationLink	SCADA System Documentation URI, Link	Link to the documentation URI for the SCADA System.				
SCADASystemIPAddress	SCADA System, IP Address	IP address for the SCADA (Supervisory Control & Data Acquisition) system.				
SCADASystemLicenseExpense	SCADA System License Expense, Amount	Cost of the SCADA (Supervisory Control & Data Acquisition) license.				
SCADASystemLicenseExpirationDate	SCADA Systems, License Expiration Date	Expiration date of the SCADA (Supervisory Control & Data Acquisition) system license.				
SCADASystemManufacturerContactAndTitle	SCADA Systems Manufacturer, Contact Name and Title	Name and title of contact for SCADA (Supervisory Control & Data Acquisition) system.				
SCADASystemManufacturerEmailAddress	SCADA Systems Manufacturer, Email Address	Email address for SCADA (Supervisory Control & Data Acquisition) system.				
SCADASystemManufacturerName	SCADA Systems Manufacturer, Name	Name of SCADA (Supervisory Control & Data Acquisition) systems manufacturer.				
SCADASystemMember	SCADA System [Member]	Supervisory Control and Data Acquisition System is designed to support the technology of the solar plant.				
SCADASystemModelNumber	SCADA Systems, Model Number	Model number of SCADA (Supervisory Control & Data Acquisition) system.				
SCADASystemNumberOfUnits	SCADA Systems, Number Of Units	Number of SCADA (Supervisory Control & Data Acquisition) systems in a portfolio.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ScenarioPlanMember	Scenario, Plan [Member]	The scenario under which facts represent plans as distinct from actual.				
ScenarioUnspecifiedDomain	Scenario, Unspecified [Domain]	Any scenario, that is, the particular reporting scenario is left unspecified. Scenarios distinguish among different kinds of business reporting facts, as for example actual versus budgeted figures.				
SchedulingAndForecastingExpense	Scheduling and Forecasting Expense, Amount	Expense for scheduling and forecasting service for most utility scale projects.				
SeasonalModelFactorsAbstract	Seasonal Model Factors [Abstract]	Information about seasonal model factors that are reported by month, by quarter or by year.				
SecurityAbstract	Security [Abstract]	Information about the security for the project site.				

SecurityAddress	Security Guard Company, Address	Address for security guard company.				
SecurityAgreementSupplementAbstract	Security Agreement Supplement [Abstract]	Information about the Security Agreement Supplement.				
SecurityAgreementSupplementAvailabilityOfDocument	Availability Of Security Agreement Supplement, Flag	Indicates if the Security Agreement Supplement is available. If it is available, TRUE; if it is not available, FALSE.				
SecurityAgreementSupplementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Security Agreement Supplement, Flag	Indicates if there are exceptions to the Security Agreement Supplement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
SecurityAgreementSupplementAvailabilityOfFinalDocument	Availability Of Final Security Agreement Supplement, Flag	Indicates if the Security Agreement Supplement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
SecurityAgreementSupplementCounterparties	Counterparties To The Security Agreement Supplement, Names	Names of counterparties to the Security Agreement Supplement.				
SecurityAgreementSupplementDocumentLink	Security Agreement Supplement, Link	Link to the Security Agreement Supplement document.				
SecurityAgreementSupplementEffectiveDate	Security Agreement Supplement, Effective Date	Effective date of the Security Agreement Supplement.				
SecurityAgreementSupplementExceptionDescription	Security Agreement Supplement Exceptions, Description	Description of any exceptions to the Security Agreement Supplement or issues raised.				
SecurityAgreementSupplementExpirationDate	Security Agreement Supplement, Expiration Date	Expiration date of the Security Agreement Supplement.				
SecurityCompany	Security Company	Name of the company providing security.				
SecurityEmailAndPhone	Security Email and Phone	Email and phone number of the company providing security.				
SecurityEquipmentMaintenanceExpense	Security Equipment (Hardware) Maintenance Expense, Amount	Cost of maintaining the security equipment.				
SecurityGuardExpense	Security Guard Expense, Amount	Cost of the security guard.				
SecurityInterestAbstract	Security Interest [Abstract]	Information about Security Interest, which is when the bank shares ownership, or is a joint counterparty, to something of value, such as the project itself or a key agreement like the asset management.				
SecurityInterestAssociatedContractAbstract	Security Interest Associated Contract [Abstract]	Information indicating the contract supported by the security interest.				
SecurityInterestDetailsLineItems	Security Interest Details [Line Items]	Used to group information about Security Interest.				
SecurityInterestDocumentIdentifierAbstract	Security Interest Document Identifier [Abstract]	Information about agreement identifiers for contracts supported by security.				
SecurityInterestIdentifierAxis	Security Interest Identifier [Axis]	Used as the identifier for Security Interest.				

SecurityInterestIdentifierDomain	Security Interest Identifier [Domain]	Used as the identifier for Security Interest.				
SecurityInterestInAssetManagementAgreement	Security Interest in Asset Management Agreement, Flag	Indicates if there is security interest in the Asset Management Agreement. If it is, TRUE; if it is not, FALSE.				
SecurityInterestInEngineeringProcurementandConstructionAgreement	Security Interest in Engineering Procurement and Construction Agreement, Flag	Indicates if there is security interest in the Engineering Procurement and Construction Agreement. If it is, TRUE; if it is not, FALSE.				
SecurityInterestInEquityCapitalContributionAgreement	Security Interest in Equity Capital Contribution Agreement, Flag	Indicates if there is security interest in the Equity Capital Contribution Agreement. If it is, TRUE; if it is not, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
SecurityInterestInHedgeAgreement	Security Interest in Hedge Agreement, Flag	Indicates if there is security interest in the Hedge Agreement. If it is, TRUE; if it is not, FALSE.				
SecurityInterestInIndividualContractorAgreement	Security Interest in Individual Contractor Agreement, Flag	Indicates if there is security interest in the Individual Contractor Agreement. If it is, TRUE; if it is not, FALSE.				
SecurityInterestInLeaseSchedule	Security Interest in Lease Schedule, Flag	Indicates if there is security interest in the Lease Schedule. If it is, TRUE; if it is not, FALSE.				
SecurityInterestInLimitedLiabilityCompanyAgreement	Security Interest in Limited Liability Company Agreement, Flag	Indicates if there is security interest in the Limited Liability Company Agreement. If it is, TRUE; if it is not, FALSE.				
SecurityInterestInMasterLeaseAgreement	Security Interest in Master Lease Agreement, Flag	Indicates if there is security interest in the Master Lease Agreement. If it is, TRUE; if it is not, FALSE.				
SecurityInterestInMembershipInterestPurchaseAgreement	Security Interest in Membership Interest Purchase Agreement, Flag	Indicates if there is security interest in the Membership Interest Purchase Agreement. If it is, TRUE; if it is not, FALSE.				
SecurityInterestInOperationsandMaintenanceAgreement	Security Interest in Operations and Maintenance Agreement, Flag	Indicates if there is security interest in the Operations and Maintenance Agreement. If it is, TRUE; if it is not, FALSE.				
SecurityInterestInPowerPurchaseAgreement	Security Interest in Power Purchase Agreement, Flag	Indicates if there is security interest in the Power Purchase Agreement. If it is, TRUE; if it is not, FALSE.				
SecurityInterestInSiteLeaseAgreement	Security Interest in Site Lease Agreement, Flag	Indicates if there is security interest in the Site Lease Agreement. If it is, TRUE; if it is not, FALSE.				
SecurityInterestInSitePermit	Security Interest in Site Permit, Flag	Indicates if there is security interest in the Site Permit Agreement. If it is, TRUE; if it is not, FALSE.				
SecurityInterestInTermLoanAgreement	Security Interest in Term Loan Agreement, Flag	Indicates if there is security interest in the Term Loan Agreement. If it is, TRUE; if it is not, FALSE.				
SecurityInterestProvider	Security Interest Provider, Name	Name of individual or organization providing the security interest.				
SecurityInterestReceiver	Security Interest Receiver, Name	Name of individual or organization receiving the security interest.				
SecurityInterestsAssetSecuredType	Security Interests, Asset Secured Type	Type of asset being secured, which can be Land, Membership Interest, Contract, Bank Account.				
SecurityInterestsBankAccountNumber	Security Interests, Bank Account, Number	Identifies bank account for the security interest.				

SecurityInterestsComments	Security Interests, Comments	Additional comments by user				
SecurityInterestsGranteeCounterpartyIdentifier	Security Interests Grantee, Counterparty Identifier	Identifier for the Counterparty which is a grantee.				
SecurityInterestsGranteeSPVIdentifier	Security Interests Grantee, SPV Identifier	Identifier for the SPV which is a grantee.				
SecurityInterestsGranteeType	Security Interests Grantee, Type	Indicates if the grantee is an SPV or a counterparty.				
SecurityInterestsGrantorCounterpartyIdentifier	Security Interests Grantor, Counterparty Identifier	Identifier for the Counterparty which is a grantor.				
SecurityInterestsGrantorSPVIdentifier	Security Interests Grantor, SPV Identifier	Identifier for the Special Purpose Vehicle which is a grantor.				
SecurityInterestsGrantorType	Security Interests Grantor, Type	Indicates if the grantor is a project company or a counterparty.				
SecurityInterestsInterestRecordedFlag	Security Interests, Interest Recorded, Flag	Indicates if interest is recorded for security interests. If it is recorded, TRUE; if not, FALSE.				
SecurityInterestsStatus	Security Interests, Status	Status of Security Interest which can be Not Due, Over Due, Granted, Expired.				
SecurityInterestsType	Security Interests, Type	Type of Security Interest, which can be Mortgage, Deed of Trust, Lien, Pledge, Collateral Assignment.				
SecurityInterestTable	Security Interest [Table]	Represents information about security interests related to various contracts that support the system which can include the name of the contract supported, identifier for the contract and assets secured.				
SecurityLocalCompanyExpenseForResponse	Local Security Company Expense For Response, Amount	Cost for local security company to respond to an event.				
SecuritySoftwareUpgradeExpense	Security Software Upgrades Expense, Amount	Cost of security software upgrade.				
SecurityTransportationExpense	Security Transportation Expense, Amount	Transportation expense for the security company.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
SerialNumber	Device Listing, Serial Number	Serial number of the device.				
SeriesResistanceModelFactorTMMPercent	Series Resistance Model Factor, Typical Met Month, Percent	Percentage of kWh lost due to Ohmic losses (both AC and DC), for a typical meteorological month, calculation based on major design/energy production model used.				
SeriesResistanceModelFactorTMYPercent	Series Resistance Model Factor, Typical Met Year, Percent	Percentage of kWh lost due to Ohmic losses (both AC and DC), for a typical meteorological year, calculation based on major design/energy production model used.				
ShadingModelFactorTMMPercent	Shading Model Factor, Typical Met Month, Percent	Percentage of kWh lost due to shading, for a typical meteorological month, calculation based on major design/energy production model used.				

ShadingModelFactorTMYPercent	Shading Model Factor, Typical Met Year, Percent	Percentage of kWh lost due to shading, for a typical meteorological year, calculation based on major design/energy production model used.				
SharedFacilityAgreementAbstract	Shared Facility Agreement [Abstract]	Information about a Shared Facility Agreement which could apply to sharing a building property, substation, a piece of equipment, etc.				
SharedFacilityAgreementAvailabilityOfDocument	Availability Of Shared Facility Agreement, Flag	Indicates if the Shared Facility Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
SharedFacilityAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Shared Facility Agreement, Flag	Indicates if there are exceptions to the Shared Facility Agreement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
SharedFacilityAgreementAvailabilityOfFinalDocument	Availability Of Final Shared Facility Agreement, Flag	Indicates if the Shared Facility Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
SharedFacilityAgreementCounterparties	Counterparties To The Shared Facility Agreement, Names	Names of counterparties to the Shared Facility Agreement.				
SharedFacilityAgreementDocumentLink	Shared Facility Agreement, Link	Link to the Shared Facility Agreement document.				
SharedFacilityAgreementEffectiveDate	Shared Facility Agreement, Effective Date	Effective date of the Shared Facility Agreement.				
SharedFacilityAgreementExceptionDescription	Shared Facility Agreement Exceptions, Description	Description of any exceptions to the Shared Facility Agreement or issues raised.				
SharedFacilityAgreementExpirationDate	Shared Facility Agreement, Expiration Date	Expiration date of the Shared Facility Agreement.				
ShortTermInvestments	Short-term Investments	Amount of investments including trading securities, available-for-sale securities, held-to-maturity securities, and short-term investments classified as other and current.				
SiteAbstract	Site [Abstract]	Information about the site.				
SiteAcreage	Site Acreage, Number	Number of acres in the site.				
SiteAddress1	Site Address 1	First line of the address of the site.				
SiteAddress2	Site Address 2	Second line of the address of the site.				
SiteAddressAbstract	Site Address [Abstract]	Information about the address of the site.				
SiteBarometricPressure	Site Barometric Pressure	Barometric pressure at the site.				
SiteBuildInformationAbstract	Site Build Information [Abstract]	Information about the site used during the build stage.				
SiteClimateClassificationAbstract	Site Climate Classification [Abstract]	Information about various climate classifications that can be used to indicate the climate of a site.				

SiteClimateClassificationKoppen	Site Climate Classifications Koppen, Description	Indicates the climate zone for the site using Koppen Climate Classifications of 2.1 Tropical/megathermal climates, 2.1.1 Tropical rainforest climate, 2.1.2 Tropical monsoon climate, 2.1.3 Tropical wet and dry or savanna climates, 2.2 Dry (desert and semiarid) climates, 2.3 Temperate/mesothermal climates, 2.3.1 Mediterranean climates, 2.3.2 Humid subtropical climates, 2.3.3 Oceanic climates, 2.3.4 Highland climates, 2.4 Continental/microthermal climates, 2.4.1 Hot summer continental climates, 2.4.2 Warm summer continental or hemiboreal climates, 2.4.3 Subarctic or boreal climates, 2.5 Polar climates.				
---------------------------------	--	--	--	--	--	--

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
SiteClimateZoneTypeANSI	Site Climate Zone Type ANSI, Description	Indicates the climate zone for the site which can be Very Hot - Humid (1A), Very Hot - Dry (1B), Hot - Humid (2A), Hot - Dry (2B), Warm - Humid (3A), Warm - Dry (3B), Warm - Marine (3C), Mixed - Humid (4A), Mixed - Dry (4B), Mixed - Marine (4C), Cool - Humid (5A), Cool - Dry (5B), Cool - Marine (5C), Cold - Humid (6A), Cold - Dry (6B), Very Cold (7), Subarctic (8), per International Climate Zone Definitions ANSI/ASHRAE/IESNA Standard 90.12007 Normative Appendix B – Building Envelope Climate Criteria.				
SiteCollectionSubstationAvailability	Site Collection Substation Availability, Flag	Indication as to whether there is a data collection substation located at the site.				
SiteControlAbstract	Site Control [Abstract]	Information about the entity that controls the site.				
SiteControlContractStructureAndHistory	Site Control, Contract Structure And History, Description	Description of contract structure and history per Site Control.				
SiteControlDescription	Site Control, Description	Description of Site Control.				
SiteControlEffectiveDate	Site Control, Effective Date	Effective date when developer will have control of the site.				
SiteControlEndofTermProvisions	Site Control End of Term Provisions, Description	Description of end of term provisions.				
SiteControlHostCompany	Site Control Host Company, Name	Name of the Site Control Host Company.				
SiteControlLessee	Site Control Lessee, Name	Name of lessee of the site where the system is located.				
SiteControlLessor	Site Control Lessor, Name	Name of lessor of the site where the system is located.				
SiteControlLineItems	Site Control [Line Items]	Used to group information about the site control for the site.				
SiteControlNumberOfSites	Site Control, Number Of Sites	Number of sites per Site Control.				

SiteControlRent	Site Control Rent, Amount	Amount of rent for the site where the system is located.				
SiteControlRequiredSiteAccessNotice	Site Control Required Access Notice, Description	Description of required site access notice.				
SiteControlSiteAccessAgreementCounterparty	Site Control Access Agreement Counterparty	Counterparty to the Site Access Agreement.				
SiteControlSiteAccessRequirements	Site Control Access Requirements, Description	Description of requirements to access the site.				
SiteControlSiteHostContactNameAndTitle	Site Control Host Contact Name and Title	Name and title of the host (owner) of the site.				
SiteControlSiteHostEmailAndPhone	Site Control Host Email and Phone	Email and phone number of the host (owner) of the site.				
SiteControlSpecialFeatures	Site Control Special Features, Description	Description of special features of the site.				
SiteControlTerm	Site Control, Term	Term of the site control in years. The value should be entered using the ISO8601 format of PhYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
SiteControlTitlePolicy	Site Control Title Policy, Description	Description of the Title Policy of the site.				
SiteControlType	Site Control Type, Description	Type of control relationship between the developer and the site, which can be Own, Lease, Easement, or Combination.				
SiteDetailsAbstract	Site Details [Abstract]	Information about details for the site.				
SiteDetailsLineItems	Site Details [Line Items]	Used to group a listing of information about a Site.				
SiteElevationAverage	Site Average Elevation	Average altitude of PV system array.				
SiteEnvironmentalConditionAbstract	Site Environmental Condition [Abstract]	Information about certain environmental conditions about the site which may include Pollen, High wind, Hail, Salt air, Diesel soot, Industrial emissions, Bird populations, Dust, or High insolation.				
SiteEnvironmentalConditionBirdPopulations	Site Environmental Condition Bird Populations, Flag	Indicates if bird population conditions exist at the site. If they do, TRUE; if they do not, FALSE.				
SiteEnvironmentalConditionDieselSoot	Site Environmental Condition Diesel Soot, Flag	Indicates if diesel soot conditions exist at the site. If they do, TRUE; if they do not, FALSE.				
SiteEnvironmentalConditionDust	Site Environmental Condition Dust, Flag	Indicates if dust conditions exist at the site. If they do, TRUE; if they do not, FALSE.				
SiteEnvironmentalConditionHail	Site Environmental Condition Hail, Flag	Indicates if hail conditions exist at the site. If they do, TRUE; if they do not, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
SiteEnvironmentalConditionHighInsolation	Site Environmental Condition High Insolation, Flag	Indicates if high insolation conditions exist at the site. If they do, TRUE; if they do not, FALSE.				
SiteEnvironmentalConditionHighWind	Site Environmental Condition High Wind, Flag	Indicates if high wind conditions exist at the site. If they do, TRUE; if they do not, FALSE.				
SiteEnvironmentalConditionIndustrialEmissions	Site Environmental Condition Industrial Emissions, Flag	Indicates if industrial emission conditions exist at the site. If they do, TRUE; if they do not, FALSE.				
SiteEnvironmentalConditionPollen	Site Environmental Condition Pollen, Flag	Indicates if pollen conditions exist at the site. If they do, TRUE; if they do not, FALSE.				
SiteEnvironmentalConditionSaltAir	Site Environmental Condition Salt Air, Flag	Indicates if salt air conditions exist at the site. If they do, TRUE; if they do not, FALSE.				
SiteEvaluationInformationAbstract	Site Evaluation Information [Abstract]	Information about the site used during the evaluation stage.				
SiteGeospatialBoundaryDescription	Site Property Geospatial Boundary, Description	Description of the geospatial boundaries of the site.				
SiteGeospatialBoundaryFileURI	Site Property Geospatial Boundary, File URI	URI of the geospatial boundary information file.				
SiteGeospatialBoundaryGISFileFormat	Site Property Geospatial Boundary GIS File Format	File type of the geospatial boundary information file which can be GEOJson, Shapefile, KML, or GML.				
SiteIdentifier	Site Identifier	Universally unique identifier for the site.				
SiteIdentifierAxis	Site Identifier [Axis]	Used as the identifier for the Site.				
SiteIdentifierDomain	Site Identifier	Used as the identifier for the Site.				
SiteIdentifierTable	Site Identifier [Table]	Represents information about multiple sites.				
SiteInspectionsPhotographicInspectionAtCompletionMember	Site Inspections Photographic Inspection At Final Completion [Member]	Site inspections on-site or remote, Photographic (desktop)/Remote Inspection at Final Completion.				
SiteInspectionsPhysicalInspectionAtMechanicalCompletionMember	Site Inspections Physical Inspection At Mechanical Completion [Member]	Site inspections which can be on-site or remote at Mechanical Completion.				
SiteInspectionsSmallDGPhotographicInspectionMember	Site Inspections Small DG Photographic Inspection [Member]	Site inspections on-site or remote, Small DG Photographic (desktop)/Remote Inspection.				
SiteInspectionsSmallDGPhotographicInspectionMember	Site Inspections Small DG Photographic Inspection [Member]	Site inspections on-site or remote, Photographic (desktop)/Remote Inspection at Final Completion.				
SiteInspectionsUtilityScaleMonthlyPhysicalInspectionMember	Site Inspections Utility Scale Monthly Physical Inspection [Member]	Site inspections on-site or remote, Utility Scale Monthly Physical/On-Site Inspection.				
SiteLatitudeAtSystemEntrance	Site Latitude At System Entrance	The latitude of the system at the system entrance. The value should be entered in decimal degrees.				

SiteLeaseAccessAgreementAvailabilityOfDocument	Availability Of Site Lease Access Agreement, Flag	Indicates if the Site Lease Access Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
SiteLeaseAccessAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Site Lease Access Agreement, Flag	Indicates if there are exceptions to the Site Lease Access Agreement. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
SiteLeaseAccessAgreementAvailabilityOfFinalDocument	Availability Of Final Site Lease Access Agreement, Flag	Indicates if the Site Lease Access Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
SiteLeaseAccessAgreementDocumentLink	Site Lease Access Agreement, Link	Link to the Site Lease Access Agreement document.				
SiteLeaseAccessAgreementExceptionDescription	Site Lease Access Agreement Exceptions, Description	Description of any exceptions to the Site Lease Access Agreement.				
SiteLeaseAgreementAbstract	Site Lease Agreement [Abstract]	Information about the Site Lease Agreement.				
SiteLeaseAgreementCounterparty	Site Lease Access Agreement, Counterparty	Name of the lessor of the site per the Site Lease Agreement.				
SiteLeaseAgreementExpirationDate	Site Lease Access Agreement, Expiration Date	Expiration date of the Site Lease Agreement.				
SiteLeaseAgreementInitiationDate	Site Lease Access Agreement, Initiation Date	Initiation date of the Site Lease Agreement.				
SiteLeaseAgreementRateEscalator	Site Lease Access Agreement, Rate Escalator	Rate escalator percent of the Site Lease Agreement.				
SiteLeaseAgreementRateExpense	Site Lease Access Agreement, Rate expense	Annual cost of rent for the site per the Site Lease Agreement.				
SiteLeaseAgreementRateType	Site Lease Access Agreement, Rate Type	Description of rate type of Site Lease Agreement.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
SiteLeaseAgreementTerm	Site Lease Access Agreement, Term	Term of the Site Lease Agreement. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6-month and 10-day term would be represented as P4Y6M10D.				
SiteLeaseAgreementType	Site Lease Access Agreement, Type	Description of the type of Site Lease Agreement.				
SiteLeaseAssignmentAbstract	Site Lease Assignment [Abstract]	Information about the Site Lease Assignment for the project.				
SiteLeaseAssignmentAvailabilityOfDocument	Availability Of Site Lease Assignment, Flag	Indicates if the Site Lease Assignment is available. If it is available, TRUE; if it is not available, FALSE.				
SiteLeaseAssignmentAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Site Lease Assignment, Flag	Indicates if there are exceptions to the Site Lease Assignment or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				

SiteLeaseAssignmentAvailabilityOfFinalDocument	Availability Of Final Site Lease Assignment, Flag	Indicates if the Site Lease Assignment is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
SiteLeaseAssignmentCounterparties	Counterparties To The Site Lease Assignment, Names	Names of counterparties to the Site Lease Assignment.				
SiteLeaseAssignmentDocumentLink	Site Lease Assignment, Link	Link to the Site Lease Assignment document.				
SiteLeaseAssignmentEffectiveDate	Site Lease Assignment, Effective Date	Effective date of the Site Lease Assignment.				
SiteLeaseAssignmentExceptionDescription	Site Lease Assignment Exceptions, Description	Description of any exceptions to the Site Lease Assignment or issues raised.				
SiteLeaseAssignmentExpirationDate	Site Lease Assignment, Expiration Date	Expiration date of the Site Lease Assignment.				
SiteLeaseAssignmentLineItems	Site Lease Assignment [Line Items]	Used to group information about the site lease assignment document related to the site.				
SiteLeaseDetails	Site Lease Details, Description	Details about the site lease. For example, could include existence of a land remediation bond.				
SiteLeaseMemoAbstract	Site Lease Memo [Abstract]	Information about the Site Lease Memo for the project.				
SiteLeaseMemoAvailabilityOfDocument	Availability Of Site Lease Memo, Flag	Indicates if the Site Lease Memo is available. If it is available, TRUE; if it is not available, FALSE.				
SiteLeaseMemoAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Site Lease Memo, Flag	Indicates if there are exceptions to the Site Lease Memo or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
SiteLeaseMemoAvailabilityOfFinalDocument	Availability Of Final Site Lease Memo, Flag	Indicates if the Site Lease Memo is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
SiteLeaseMemoCounterparties	Counterparties To The Site Lease Memo, Names	Names of counterparties to the Site Lease Memo.				
SiteLeaseMemoDocumentLink	Site Lease Memo, Link	Link to the Site Lease Memo document.				
SiteLeaseMemoEffectiveDate	Site Lease Memo, Effective Date	Effective date of the Site Lease Memo.				
SiteLeaseMemoExceptionDescription	Site Lease Memo Exceptions, Description	Description of any exceptions to the Site Lease Memo or issues raised.				
SiteLeaseMemoExpirationDate	Site Lease Memo, Expiration Date	Expiration date of the Site Lease Memo.				
SiteLeaseMemoLineItems	Site Lease Memo [Line Items]	Used to group information about the site lease memos related to the site.				
SiteLicenseAgreementAbstract	Site License Agreement [Abstract]	Information about the Site License Agreement for the project.				
SiteLicenseAgreementAvailabilityOfDocument	Availability Of Site License Agreement, Flag	Indicates if the Site License Agreement is available. If it is available, TRUE; if it is not available, FALSE.				

SiteLicenseAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Site License Agreement, Flag	Indicates if there are exceptions to the Site License Agreement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
SiteLicenseAgreementAvailabilityOfFinalDocument	Availability Of Final Site License Agreement, Flag	Indicates if the Site License Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
SiteLicenseAgreementCounterparties	Counterparties To The Site License Agreement, Names	Names of counterparties to the Site License Agreement.				
SiteLicenseAgreementEffectiveDate	Site License Agreement, Effective Date	Effective date of the Site License Agreement.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
SiteLicenseAgreementExceptionDescription	Site License Agreement Exceptions, Description	Description of any exceptions to the Site License Agreement or issues raised.				
SiteLicenseAgreementExpirationDate	Site License Agreement, Expiration Date	Expiration date of the Site License Agreement.				
SiteLicenseAgreementLineItems	Site License Agreement [Line Items]	Used to group information about the site license agreement related to the site.				
SiteLicenseAgreementLink	Site License Agreement, Link	Link to the Site License Agreement document.				
SiteLongitudeAtSystemEntrance	Site Longitude At System Entrance	The longitude of the system at the system entrance. The value should be entered in decimal degrees.				
SiteMandatoryAccessRequirements	Mandatory Site Access Requirements, Description	Description of mandatory requirements for access to the site, such as background checks.				
SiteName	Site, Name	Name of the site.				
SiteNaturalDisasterRisk	Site Natural Disaster Risk, Description	Description of the potential for natural disasters on or near the site, for example, wildfires, flood, windstorms.				
SiteParcelIdentifier	Site, Parcel Identifier	Assessors parcel number, or APN, which is a number assigned to parcels of real property by the tax assessor of a particular jurisdiction for purposes of identification and record-keeping.				
SitePropertyAppraisalURI	Site Property Appraisal, URI	URI location where PDF of site appraisal is stored.				
SitePropertyConsumablesInventory	Site Property Location Of Consumables Inventory, Description	Description of the location of consumables which are items such as fuses that are used up quickly and must be replenished.				
SitePropertyGeotechnicalURI	Site Property Geotechnical Location, URI	URI location where PDF of site geotechnical report is stored.				
SitePropertyInformationAbstract	Site Property Information [Abstract]	Information about the site property.				
SitePropertyLocationOfKeys	Site Property Location Of Keys, Description	Description of the location of physical keys to the system.				

SitePropertyLocationOfWaterHookups	Site Property Location Of Water Hookups, Description	Description of the location of water hookups at the system.				
SitePropertyMapsURI	Site Property Maps Location, URI	URI location where PDF of site maps are stored.				
SitePropertyOccupancyType	Site Property Occupancy Type	The occupancy status of the building upon which the PV system is installed. Can be either Owner Occupied or Rental.				
SitePropertyOtherExpensesAbstract	Site Property Other Expenses [Abstract]	Information about other expenses related to the site not included in other sections.				
SitePropertyOtherExpensesConsumablesExpense	Consumables Expense, Amount	Expense to store consumables, which are parts that are expected to be used up and in need of replacement on a regular basis, like fuses.				
SitePropertyOtherExpensesCostOfRepairs	Cost of Repairs, Amount	Cost of repairs.				
SitePropertyOtherExpensesEstimatedSystemRemovalCosts	Estimated System Removal Costs, Amount	Estimated system removal costs in the event the project is removed, for example, due to permitting or lease agreement.				
SitePropertyOtherExpensesStorageOfSparePartsExpense	Storage Of Spare Parts Expense, Amount	Expense to store spare parts.				
SitePropertyOtherExpensesTechnicianSalaryBenefitsExpense	Technician Salary and Benefits Expense, Amount	Salary and benefits expense for technicians.				
SitePropertyOtherExpensesTelecommunicationsExpense	Telecommunications Expense, Amount	Telecommunications expense.				
SitePropertyPhotosURI	Site Property Photos Location, URI	URI location where PDF of site photos are stored.				
SitePropertySparePartsInventory	Site Property Location Of Spare Parts Inventory, Description	Description of the location of spare parts inventory for the system.				
SitePropertySubType	Site Property Sub Type, Description	The legal description of the building relative to property type.				
SitePropertySurveyURI	Site Property Survey Location, URI	URI location where PDF of site surveys are stored.				
SiteReviewOfArcheologicalCulturalAndLocalImpactMember	Site Review Of Archeological Cultural And Local Impact [Member]	Site review of archeological, cultural and local community impact.				
SiteReviewOfEndangeredSpeciesMember	Site Review Of Endangered Species [Member]	Site review of endangered species.				
SiteReviewOfHazardousWasteMember	Site Review Of Hazardous Waste [Member]	Site review of hazardous waste on-site.				
SiteReviewOfLandConditionMember	Site Review Of Land Condition [Member]	Site review of land condition including flood plane.				
SiteReviewOfOffSiteContaminationMember	Site Review Of Off Site Contamination [Member]	Site review of off-site contamination.				
SiteReviewOfRoofConditionMember	Site Review Of Roof Condition [Member]	Site review of roof condition.				

SiteReviewOfSitePlanMember	Site Review Of Site Plan [Member]	Site review of Site plan including access, transmission and substation(s).				
----------------------------	-----------------------------------	--	--	--	--	--

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
SiteReviewOfSystemImpactMember	Site Review Of System Impact [Member]	Site review of system impact, facility or interconnection study.				
SiteType	Site Type, Description	Description of the type of site, for example, campus, store, factory.				
SiteUTCOffset	Site UTC Offset, Period	The UTC offset for the site which is the difference in minutes from Coordinated Universal Time (UTC) .				
SizeMegawatts	Entity Size, Megawatts	Size of the entity in megawatts.				
SizeValue	Entity Size Value, Amount	Total investment value of the entity.				
SnowModelFactorTMMPercent	Snow Model Factor, Typical Met Month, Percent	Percentage of kWh lost due to snow based on typical meteorological month, calculation based on major design/energy production model used.				
SnowModelFactorTMYPercent	Snow Model Factor, Typical Met Year, Percent	Percentage of kWh lost due to snow based on typical meteorological year, calculation based on major design/energy production model used.				
SoilingModelFactorTMMPercent	Soiling Model Factor, Typical Met Month, Percent	Percentage of kWh lost due to soiling based on typical meteorological month, calculation based on major design model used.				
SoilingModelFactorTMYPercent	Soiling Model Factor, Typical Met Year, Percent	Percentage of kWh lost due to soiling based on typical meteorological year, calculation based on major design model used.				
SolarArrayAnnualDegradation	Solar Array Annual Degradation, Percent	Percent capacity of the array lost each year due to degradation.				
SolarArrayLineItems	Solar Array [Line Items]	Used to group information about a single piece of equipment used in a system.				
SolarArrayNumberOfInvertersConnectedToArray	Solar Array Inverters Connected To Array, Number	Number of inverters connected to an array.				
SolarArrayNumberOfPanelsInArray	Solar Array Panels In Array, Number	Number of solar panels or modules in an array.				
SolarArrayTable	Array [Table]	Table reflecting information about arrays, which are comprised of sub arrays; and sub arrays which are PV surface units with the same angle and orientation which combine together to make an array.				
SolarSubArrayIdentifierAxis	Solar Sub Array Identifier [Axis]	Used to identify different array types based on the orientation of the array. A sub array is a PV surface unit generally made up of the same types of module mounted together and set at the same angle and orientation.				
SolarSubArrayIdentifierDomain	Solar Sub Array	Used to identify different array types based on the orientation of the array. A sub array is a PV surface unit generally made up of the same types of module mounted together and set at the same angle and orientation.				

SolarTaxonomyAbstract	Solar Taxonomy [Abstract]	Header for All Elements				
SourceOfFundsAbstract	Source Of Funds [Abstract]	Information about the source of funds used for a financing event.				
SourceOfFundsAmount	Source of Funds, Amount	Amount of the contribution made.				
SourceOfFundsAxis	Source of Funds [Axis]	Identifier for the source of funds for an individual financing event.				
SourceOfFundsBankFundedFlag	Source of Funds Bank Funded, Flag	Indication as to whether the funding source is a bank entity. If it is a bank, TRUE; if it is not a bank, FALSE.				
SourceOfFundsCounterpartyIdentifier	Source of Funds, Counterparty Identifier	Identifier for the counterparty that is providing the funds.				
SourceOfFundsDescription	Source of Funds, Description	Description of the contribution made, for example, Bank contributed 45% of funds for initial funding of XYZ project.				
SourceOfFundsDomain	Source of Funds [Domain]	Identifier for the source of funds for an individual financing event.				
SourceOfFundsLineItems	Source of Funds [Line Items]	Use to group a listing of information about the source of funds for a financing event.				
SourceOfFundsSPVIdentifier	Source of Funds, SPV Identifier	Identifier for the SPV that is providing the funds.				
SourceOfFundsSPVOrCounterparty	Source of Funds SPV or Counterparty	Indication as to whether the source is an SPV entity or Counterparty.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
SourceOfFundsTable	Source of Funds [Table]	Represents information about the various sources of funds that may be used for a financing event.				
SpecialPurposeVehicleAbstract	Special Purpose Vehicle [Abstract]	Information about the Special Purpose Vehicle.				
SpecialPurposeVehicleBankInternalCode	Special Purpose Vehicle, Bank Internal Code	Bank internal code for the Special Purpose Vehicle.				
SpecialPurposeVehicleDateEstablished	Special Purpose Vehicle, Date Established	Date on which the Special Purpose Vehicle was established.				
SpecialPurposeVehicleDetailsLineItems	Special Purpose Vehicle Details [Line Items]	Used to group a listing of information about a Special Purpose Vehicle.				
SpecialPurposeVehicleIdentifierAxis	Special Purpose Vehicle Identifier [Axis]	Used as the identifier for the Special Purpose Vehicles.				
SpecialPurposeVehicleIdentifierDomain	Special Purpose Vehicle Identifier [Domain]	Used as the identifier for the Special Purpose Vehicles.				
SpecialPurposeVehicleTable	Special Purpose Vehicle [Table]	Represents information related to Special Purpose Vehicles (SPV) such as location, legal entity identifiers and links to related agreements.				

SpecialPurposeVehicleType	Special Purpose Vehicle Type, Description	Description of the type of Special Purpose Vehicle, for example Project Company or Fund Company.				
SponsorGroupAbstract	Sponsor Group [Abstract]	Information about Sponsor Group (the organization that sponsors or develops the project).				
SponsorGroupBankInternalRating	Sponsor Group, Bank Internal Rating	Bank internal rating for sponsor				
SponsorGroupDetailsLineItems	Sponsor Group Details [Line Items]	Used to group a listing of information about a Sponsor Group.				
SponsorGroupIdentifier	Sponsor Group Identifier	Identifier for the Sponsor Group.				
SponsorGroupIdentifierAxis	Sponsor Group Identifier [Axis]	Used as the identifier for the Sponsor Group.				
SponsorGroupIdentifierDomain	Sponsor Group Identifier [Domain]	Used as the identifier for the Sponsor Group.				
SponsorGroupTable	Sponsor Group [Table]	Represents information about sponsors such as name and credit rating.				
StandardsApplicable	Standards Applicable, Description	Description of the standard or source of publicly available procedure that is applicable to the data needed.				
StandardTestConditionMember	Standard Test Condition [Member]	Test condition measurement is performed using Standard Test Conditions which include the following constraints: cell temperature = 45; wind speed = 1; air mass = 1.5; irradiance = 1000; ambient temperature = 25.				
StartDateOfElectricalEnergyTest	Electrical Energy Test, Start Date	Time stamp indicating first day of IEC 61724-3 test, administered under OD-402.				
StartDateOfElectricalPowerTest	Electrical Power Test, Start Date Time Stamp	Time stamp indicating the first day of the IEC 617242 test, administered under OD-401 or OD-402.				
StateGeographicalAxis	State Geographical [Axis]	Used for state abbreviation codes.				
StateGeographicalDomain	State Geographical [Domain]	Used for state abbreviation codes.				
StatementOfFinancialPositionAbstract	Statement of Financial Position [Abstract]					
StatementScenarioAxis	Scenario [Axis]	Information by scenario to be reported. Scenarios distinguish among different kinds of business reporting facts, as for example actual versus budgeted figures.				
StatusReportOfIndependentEngineeringMechanicalCompletionCertificateMember	Status Report Of Independent Engineering Mechanical Completion Certificate [Member]	Status report on Independent Engineer Mechanical Completion Certificate.				
StatusReportOfIndependentEngineeringOpinionDocumentsMember	Status Report Of Independent Engineering Opinion Documents [Member]	Status report on List of documents relied upon for Independent Engineer opinion.				
StatusReportOfIndependentEngineeringOpinionLetterMember	Status Report Of Independent Engineering Opinion Letter [Member]	Status report on Independent Engineer Opinion Letter for sales lease-back.				

StatusReportOfIndependentEngineeringReportsMember	Status Report Of Independent Engineering Reports [Member]	Status report on IE Reports.				
StatusReportOfIndependentEngineeringSubstantialCompletionCertificateMember	Status Report Of Independent Engineering Substantial Completion Certificate [Member]	Status report on Independent Engineer Substantial Completion Certificate.				
StatusReportOfProjectDescriptionMember	Status Report Of Project Description [Member]	Status report on Project Description.				
StatusReportOfProjectScorecardMember	Status Report Of Project Scorecard [Member]	Status report on Project Scorecard.				
StatusReportOfSupplementalIndependentEngineeringReportsMember	Status Report Of Supplemental Independent Engineering Reports [Member]	Status report on Supplemental Independent Engineer Reports (bring-downs).				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
StockholdersEquity	Stockholders' Equity Attributable to Parent	Total of all stockholders' equity (deficit) items, net of receivables from officers, directors, owners, and affiliates of the entity which are attributable to the parent. The amount of the economic entity's stockholders' equity attributable to the parent excludes the amount of stockholders' equity which is allocable to that ownership interest in subsidiary equity which is not attributable to the parent (noncontrolling interest, minority interest). This excludes temporary equity and is sometimes called permanent equity.				
StockholdersEquityAbstract	Stockholders' Equity Attributable to Parent [Abstract]					
StringMember	String [Member]	String equipment.				
SubArrayAbstract	Sub Array [Abstract]	A sub array is a PV surface unit made up of the same types of module mounted together and set at the same angle and orientation.				
SubArrayGeospatialLayoutAbstract	SubArray Geospatial Layout [Abstract]	Information about the SubArray Geospatial Layout.				
SubArrayGeospatialLayoutFileFormat	SubArray Geospatial Layout File Format	Type of file format used for the GIS File which could be GeoJSON, Shapefile, KML or GML.				
SubArrayGeospatialLayoutFileLink	SubArray Geospatial Layout File, Link	Link to the SubArray Geospatial Layout (GIS) file.				
SubcontractorAbstract	Subcontractor [Abstract]	Information about the subcontractor for the project site.				
SubReasonForComponentMaintenanceTicket	Sub Reason For Maintenance, Description	Reason that the maintenance ticket concerning a component related to the system requires a continuation.				
SubstantialCompletionCertificateAbstract	Substantial Completion Certificate [Abstract]	Information about the Substantial Completion Certificate which is issued by an independent engineer stating that the project has been built to plan, is free of any material issues that will threaten ongoing safety or performance, and has been tested to confirm expected performance.				

SubstantialCompletionCertificateAvailabilityOfDocument	Availability Of Substantial Completion Certificate, Flag	Indicates if the Substantial Completion Certificate is available. If it is available, TRUE; if it is not available, FALSE.				
SubstantialCompletionCertificateAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Substantial Completion Certificate, Flag	Indicates if there are exceptions to the Substantial Completion Certificate. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
SubstantialCompletionCertificateAvailabilityOfFinalDocument	Availability Of Final Substantial Completion Certificate, Flag	Indicates if the Substantial Completion Certificate is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
SubstantialCompletionCertificateCounterparties	Counterparties To The Substantial Completion Certificate, Names	Names of counterparties to the Substantial Completion Certificate.				
SubstantialCompletionCertificateDocumentLink	Substantial Completion Certificate, Link	Link to the Substantial Completion Certificate document.				
SubstantialCompletionCertificateEffectiveDate	Substantial Completion Certificate, Effective Date	Effective date of the Substantial Completion Certificate.				
SubstantialCompletionCertificateExceptionDescription	Substantial Completion Certificate Exceptions, Description	Description of any exceptions to the Substantial Completion Certificate.				
SubstantialCompletionOfConstructionMember	Substantial Completion Of Construction [Member]	Substantial Completion confirmation that all construction is complete and equipment is tested and commissioned per plan.				
SupplementalReportReviewOfInsuranceReviewAbstract	Supplemental Report Review Of Insurance Review [Abstract]	Information about the Supplemental Report Review Of Insurance Review.				
SupplementalReportReviewOfInsuranceReviewAvailabilityOfDocument	Availability Of Supplemental Report Review Of Insurance Review, Flag	Indicates if the Supplemental Report Review Of Insurance Review is available. If it is available, TRUE; if it is not available, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
SupplementalReportReviewOfInsuranceReviewAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Supplemental Report Review Of Insurance Review, Flag	Indicates if there are exceptions to the Supplemental Report Review Of Insurance Review or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
SupplementalReportReviewOfInsuranceReviewAvailabilityOfFinalDocument	Availability Of Final Supplemental Report Review Of Insurance Review, Flag	Indicates if the Supplemental Report Review Of Insurance Review is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
SupplementalReportReviewOfInsuranceReviewCounterparties	Counterparties To The Supplemental Report Review Of Insurance Review, Names	Names of counterparties to the Supplemental Report Review Of Insurance Review.				
SupplementalReportReviewOfInsuranceReviewDocumentLink	Supplemental Report Review Of Insurance Review, Link	Link to the Supplemental Report Review Of Insurance Review document.				
SupplementalReportReviewOfInsuranceReviewEffectiveDate	Supplemental Report Review Of Insurance Review, Effective Date	Effective date of the Supplemental Report Review Of Insurance Review.				
SupplementalReportReviewOfInsuranceReviewExceptionDescription	Supplemental Report Review Of Insurance Review Exceptions, Description	Description of any exceptions to the Supplemental Report Review Of Insurance Review or issues raised.				
SupplementalReportReviewOfInsuranceReviewMember	Supplemental Report Review Of Insurance Review [Member]	Review of supplemental reports and reference in Independent Engineer reports) for Insurance review.				
SupplementalReportReviewOfLocalTaxReviewAbstract	Supplemental Report Review Of Local Tax Review [Abstract]	Information about the Supplemental Report Review Of Local Tax Review.				

SupplementalReportReviewOfLocalTaxReviewAvailabilityOfDocument	Availability Of Supplemental Report Review Of Local Tax Review, Flag	Indicates if the Supplemental Report Review Of Local Tax Review is available. If it is available, TRUE; if it is not available, FALSE.				
SupplementalReportReviewOfLocalTaxReviewAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Supplemental Report Review Of Local Tax Review, Flag	Indicates if there are exceptions to the Supplemental Report Review Of Local Tax Review or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
SupplementalReportReviewOfLocalTaxReviewAvailabilityOfFinalDocument	Availability Of Final Supplemental Report Review Of Local Tax Review, Flag	Indicates if the Supplemental Report Review Of Local Tax Review is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
SupplementalReportReviewOfLocalTaxReviewCounterparties	Counterparties To The Supplemental Report Review Of Local Tax Review, Names	Names of counterparties to the Supplemental Report Review Of Local Tax Review.				
SupplementalReportReviewOfLocalTaxReviewDocumentLink	Supplemental Report Review Of Local Tax Review, Link	Link to the Supplemental Report Review Of Local Tax Review document.				
SupplementalReportReviewOfLocalTaxReviewEffectiveDate	Supplemental Report Review Of Local Tax Review, Effective Date	Effective date of the Supplemental Report Review Of Local Tax Review.				
SupplementalReportReviewOfLocalTaxReviewExceptionDescription	Supplemental Report Review Of Local Tax Review Exceptions, Description	Description of any exceptions to the Supplemental Report Review Of Local Tax Review or issues raised.				
SupplementalReportReviewOfLocalTaxReviewMember	Supplemental Report Review Of Local Tax Review [Member]	Review of supplemental reports and reference in Independent Engineer reports) for local tax review.				
SupplyAgreementAxis	Supply Agreements [Axis]	Used to represent supply agreements related to a system.				
SupplyAgreementDomain	Supply Agreements [Domain]	Used to represent supply agreements related to a system.				
SupplyAgreementsAbstract	Supply Agreements [Abstract]	Information about the Supply Agreements for the project.				
SupplyAgreementsAvailabilityOfDocument	Availability Of Supply Agreements, Flag	Indicates if the Supply Agreements is available. If it is available, TRUE; if it is not available, FALSE.				
SupplyAgreementsAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Supply Agreements, Flag	Indicates if there are exceptions to the Supply Agreements or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
SupplyAgreementsAvailabilityOfFinalDocument	Availability Of Final Supply Agreements, Flag	Indicates if the Supply Agreements is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
SupplyAgreementsCounterparties	Counterparties To The Supply Agreements, Names	Names of counterparties to the Supply Agreements.				
SupplyAgreementsDocumentLink	Supply Agreements, Link	Link to the Supply Agreements document.				
SupplyAgreementsEffectiveDate	Supply Agreements, Effective Date	Effective date of the Supply Agreements.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
SupplyAgreementsExceptionDescription	Supply Agreements Exceptions, Description	Description of any exceptions to the Supply Agreements or issues raised.				

SupplyAgreementsExpirationDate	Supply Agreements, Expiration Date	Expiration date of the Supply Agreements.				
SupplyAgreementsLineItems	Supply Agreements [Line Items]	Used to collect information about supply agreements for equipment used in the system.				
SupplyAgreementsTable	Supply Agreements [Table]	Table represents information about equipment supply agreements.				
SuretyAbstract	Surety [Abstract]	Information about Surety.				
SuretyAbstract	Surety [Abstract]	Information about surety.				
SuretyAmountOfCoverage	Surety Coverage, Amount	Coverage amount of Surety.				
SuretyAvailability	Surety Availability, Flag	Indication as to whether Surety is available. If available, TRUE; if not available, FALSE.				
SuretyBondIsElectronic	Surety Bond Is Electronic, Flag	Flag indicating if the surety bond is electronic. If it is electronic, TRUE; if it is not electronic, FALSE.				
SuretyEffectiveDate	Surety, Effective Date	Effective date of Surety.				
SuretyExpirationDate	Surety, Expiration Date	Surety expiration date.				
SuretyInsuranceLineItems	Surety Insurance [Line Items]	Used to group information about Surety insurance related to the project or the system.				
SuretyInsuranceTable	Surety Insurance [Table]	Table containing information about Surety insurance, which may be required for different participants to the project such as a contractor, subcontractor, or project owner.				
SuretyMinimumCoverage	Surety Minimum Coverage, Amount	Minimum coverage amount of Surety.				
SuretyNotes	Surety Notes, Description	Descriptive notes about the Surety.				
SuretyObligee	Surety Obligee, Name	The Obligee is the beneficiary of the Surety bond, protected against default of the counter-party, the Principal.				
SuretyObligee	Surety Obligee, Name	Name of the obligee (beneficiary) of the surety.				
SuretyObligee	Surety Obligee	The name of the obligee to a surety bond, which is a promise by a surety or guarantor to pay one party (the obligee) a certain amount if a second party (the principal) fails to meet some obligation, such as fulfilling the terms of a contract.				
SuretyObligeeEmail	Surety Obligee, Email	Email address of the Obligee to the surety bond.				
SuretyPolicyOwner	Surety Insurance, Policy Owner	Policy owner of the Surety.				

SuretyPrincipal	Surety Principal	The name of the Principal to a surety bond, which is a promise by a surety or guarantor to pay one party (the obligee) a certain amount if a second party (the principal) fails to meet some obligation, such as fulfilling the terms of a contract.				
SuretyPrincipalEmail	Surety Principal, Email	Email address of the Principal to the surety bond.				
SuretyRequirement	Surety Requirement, Description	Description of Surety requirement.				
SwitchgearMember	Switchgear [Member]	Switchgear equipment.				
SystemAbstract	System [Abstract]	Information about the System.				
SystemAvailabilityAchievementRequired	System Availability Achievement Requirement, Percent	Percent availability required to meet the achievement goal, for example 98% plant availability.				
SystemAvailabilityAchievementRequiredPercent	System Availability Achievement Requirement, Description	Description of the system availability achievement requirement, for example, 98% availability over two years.				
SystemAvailabilityAchievementRequiredReconciliationPeriod	System Availability Achievement Requirement, Reconciliation Period, Description	Reconciliation period during which the system availability must be met.				
SystemAvailabilityAchievementRequiredReconciliationUnits	System Availability Achievement Requirement, Reconciliation Units, Description	Units, for example, months, years, for the reconciliation period during which the system availability must be met.				
SystemAvailabilityMeasuredEnergyToMeasuredEnergyPlusLostEnergy	Measured Energy To Measured Energy Plus Lost Energy, Ratio	Plant energy production or plant energy metered in the time period divided by the sum of that value and the calculated lost energy in the period (kWh). Energy-Based Availability takes into consideration that an hour in a period with high irradiance is more valuable than in a period with low irradiance.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
SystemAvailabilityMode	System Availability Mode	Indicates the system availability mode which can be Islanded, Standby, Environment, Grid, Shutdown, Forced, or Emergency.				
SystemBatteryConnection	System, Battery Connection	Explains how the battery is coupled with the system which can be DC-coupled or AC-coupled.				
SystemBuildAbstract	System Build [Abstract]	Information about the system used during the build stage.				
SystemCostAbstract	PV Installation Cost [Abstract]	Information about the costs of the photovoltaic system.				
SystemCostInstallationCostsManufacturer	PV Installation Costs of Manufacturer, Amount	Installation Costs paid to the manufacturer, excludes cost of equipment.				
SystemCostInstallationEngineeringAndDesignCost	PV Installation Engineering and Design Cost, Amount	Installation Costs paid to the manufacturer, excludes cost of equipment.				
SystemCostInstallationInterconnectionFeesCost	PV Installation Interconnection Fees Cost, Amount	Interconnection Fees at installation.				

SystemCostInstallationLaborCosts	PV Installation Labor Cost, Amounts	Installation Labor Costs excluding manufacturer costs with a labor component.				
SystemCostInstallationMunicipalInspectionsCost	PV Installation Municipal Inspections Cost, Amount	Costs of Municipal Inspection at installation.				
SystemCostInstallationPermittingFeesCost	PV Installation Permitting Fees Cost, Amount	Permitting Fees at installation.				
SystemCostInstallationUtilityInspectionsCost	PV Installation Utility Inspections Cost, Amount	Costs of utility inspection at installation.				
SystemCostOtherSystemCost	Other System Cost, Amount	Other costs associated with the system implementation.				
SystemDateElectricalCompletion	Electrical Completion, Date	Date when the electrical system is complete including capability to connect to the grid, but it is not yet fully tested and not necessarily connected to grid.				
SystemDateFinalCompletion	Final Completion, Date	Date when owner accepts system as final per EPC Agreement.				
SystemDateInterconnectAvailability	Interconnect Availability, Date	Date when all of the equipment is in place, so the installation could connect to the grid, (ready to request PTO - permission to operate), but do not yet have permission.				
SystemDateIssueForProcurement	Ready for Procurement of Equipment, Date	Date at which the design is completed and ready to move forward with ordering equipment and starting construction.				
SystemDateMechanicalCompletion	Mechanical Completion, Date	Date when all major equipment has been installed, but the project is not yet interconnected to the grid.				
SystemDatePlacedInService	Placed In Service (PIS), Date	Date at which the installation obtains Placed in Service (PIS) status. This is used for tax purposes and means the system has met the following: (1) It is synched with the grid, (2) it has no major outstanding permits, (3) it has or is capable of commencing delivery of energy to the grid, (4) care, custody and control has been transferred to the operator, (5) critical tests are complete, for example, those required by the EPC and interconnection agreements.				
SystemDatePlacedInService	Placed In Service (PIS), Date	Date at which the installation obtains Placed in Service (PIS) Status. This is used for tax purposes and means the system has met the following: (1) It is synched with the grid, (2) it has no major outstanding permits, (3) it has or is capable of commencing delivery of energy to the grid, (4) care, custody and control of the system has been transferred to the operator, and (5) critical tests are complete, for example, those required by the EPC and interconnection agreements.				
SystemDatesAbstract	System Dates [Abstract]	Information about important dates in the system life cycle.				
SystemDateSubstantialCompletion	Substantial Completion, Date	Date when the power System has been interconnected and is ready to generate power. This is often used for funding purposes.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
-----------------------	-----------------------------	------------	--------	--------------------	---------------------------------	---------------------------------

SystemDateSubstantialCompletion	Substantial Completion, Date	Date when the power system has been interconnected and is ready to generate power. This date is often used for funding purposes.				
SystemDecommissioningDate	Decommissioning, Date	Date when the system is decommissioned.				
SystemDegradationRate	System Degradation Rate, Percent	Actual degradation rate of the system, in percent of kWh lost.				
SystemDERType	System Distributed Energy Resource Type	DER (Distributed Energy Resource) type of the system, which could be PV System Only, Storage Only, PV plus Storage, Wind or PV Charging Station.				
SystemDesignAndModelAbstract	System Design And Model [Abstract]	Information about the design and modeling of the system.				
SystemDetailsAbstract	System Details [Abstract]	Details about the system.				
SystemDetailsLineItems	System Details [Line Items]	Used to group a listing of information about the System on a site.				
SystemDrawing	System Drawing, Link	URL link to the drawing of the system.				
SystemEngineeringProcurementAndConstructionCost	PV Installation Cost of Engineering Procurement And Construction, Amount	Engineering procurement and construction costs of the system.				
SystemEntityAbstract	System Entity [Abstract]	This section is used to define the relationship between the System and its entities. It is also used to relate an entity to multiple systems.				
SystemEntityFlag	System Entity Flag	Used to relate a given entity identifier with a given system identifier.				
SystemEntityLineItems	System Entity [Line Items]	Line Items used to link a system entity with a given system or to identify the entities associated with a given system.				
SystemEntityTable	System Entity [Table]	This table is used to define the relationship between the System and its entities. It is also used to relate a entity to multiple systems. The table is used by identifying a boolean value that has an associated system and entity identifier.				
SystemEquipmentAbstract	System Equipment [Abstract]	Contains details of the equipment that is used in the system.				
SystemEquipmentLineItems	System Equipment [Line Items]	Used to represent information about the equipment used in the system.				
SystemEquipmentTable	System Equipment [Table]	Table used to describe the costs by equipment type. Device cost can be reported as an aggregate or can be broken down by individual classes of equipment.				
SystemEvaluationAbstract	System Evaluation [Abstract]	Information about the system needed during the evaluation stage.				
SystemExpectedCommercialOperationsDate	System Expected Commercial Operations, Date	Date the operations of the entity are expected to commence which is when interconnection is made and electricity starts flowing onto the grid.				
SystemGridChargingCapability	System, Grid Charging Capability, Flag	Indication as to whether the system allows for grid charging.				

SystemInstallerCompany	System Installer Company, Name	Name of the company that has or will install the system.				
SystemIrradiationWeatherAdjustmentFactor	Irradiation Weather Adjustment Factor	Ratio between expected (assumed) one year inplane measured irradiation and actual one year inplane measured irradiation.				
SystemMethodToDetermineAvailability	System Availability, Method Used, Description	Description of the method used to determine system availability which could be defined as in IECRE 61724-3 or some other standard method.				
SystemMinimumIrradianceThreshold	System Minimum Irradiance Theshold, Amount	Minimum irradiance required to activate a PV system or subarray.				
SystemModuleModelAbstract	Sytem Module Model [Abstract]	Information about the type and capacity of modules used in a system.				
SystemModuleModelAxis	Sytem Module Model [Axis]	Represents type or style of modules used in a system.				
SystemModuleModelDomain	Sytem Module Model [Domain]	Represents type or style of modules used in a system.				
SystemModuleModelLineItems	Sytem Module Model [Line Items]	Used to group a listing of information about the modules used in a system.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
SystemModuleModelTable	Sytem Module Model [Table]	Tables used to describe the type and capacity of modules used in a system.				
SystemMonitoringCompany	System Monitoring Company, Name	Name of the company that monitors the system.				
SystemNameplateAbstract	System Nameplate [Abstract]	Nameplate information related to the system.				
SystemOnboardingAbstract	System Onboarding [Abstract]	Information about the system during the onboarding process.				
SystemOperationsAbstract	System Operations [Abstract]	Information about the system used during the operations stage.				
SystemOperationsAndMaintenanceAbstract	System Operations and Maintenance [Abstract]	Information about the system operations and maintenance.				
SystemOperationStatus	System Operational Status	Indicates the operational status of the system which can be operational, under maintenance, communication failure, or decommissioned.				
SystemPerformanceAbstract	System Performance [Abstract]	Information about the performance of the system.				
SystemPerformanceAvailabilityAbstract	System Performance Availability [Abstract]	Information about availability of the system.				
SystemPerformanceCombinerBoxTemperature	Combiner Box Temperature	Temperature of the combiner box, the mechanism that brings together multiple solar strings. Can be reported as Celsius or Fahrenheit by the preparer when specifying units in the instance document.				

SystemPerformanceDCInputCurrent	System Performance, DC Input Current	Amount of DC input in current, measured in amps.				
SystemPerformanceDCInputPower	System Performance, DC Input, Power	Amount of DC input measured in power which is voltage times current.				
SystemPerformanceDCInputVoltage	System Performance, DC Input Voltage	Amount of DC input in voltage, measured in volts.				
SystemPerformanceEnergyAvgMonthlyInceptionToDate-REMOVED	Measured Average Monthly Energy Production, Inception To Date	Computed average monthly energy production, since Activation Date (in kWh).				
SystemPerformanceEnergyMeasuresAbstract	System Performance Energy Measures [Abstract]	Information about energy measures, actual and expected.				
SystemPerformanceExpectedEnergyAbstract	System Performance Expected Energy [Abstract]	Information about expected system production.				
SystemPerformanceGlobalHorizontalIrradiance	System Global Horizontal Irradiance	Total amount of shortwave radiation received from above by a surface horizontal to the ground at the location of the solar installation, measured in watts per square meter.				
SystemPerformanceGridFrequency	System Grid Frequency, Herz	Frequency of the current being exported to the grid in hertz. This is a static amount that the system uses rather than the hertz at a point in time.				
SystemPerformanceInsolationAbstract	System Performance Insolation Measures [Abstract]	Information about insolation performance measures, measured and expected.				
SystemPerformanceInsolationOverLifetime-REMOVED-CONSOLIDATEDWITHPERIODAXIS	Measured Insolation Over Lifetime	Actual measured insolation of the system since activation date in kWh/square meter.				
SystemPerformanceLineItems	System Performance [Line Items]	Sysyem performance line Items				
SystemPerformanceMeasuredEnergyAverageQ4-REMOVED	Measured Average Energy Production for Q4	Computed average energy production for the three month period of October, November, and December over all years of operation since Activation Date (in kWh).				
SystemPerformancePowerMeasuresAbstract	System Performance Power Measures [Abstract]	Information about power measures related to the system.				
SystemPerformanceTable	System Performance [Table]	Table used to capture the systems performance.				
SystemPermissionToOperateDate	Permission to Operate (PTO), Date	Date at which conditional acceptance and permission from the utility is completed and the project has moved into the operating phase.				
SystemPermittingAbstract	System Permitting [Abstract]	Information about permits required for an installation.				
SystemPermittingDescription	Permitting Requirements, Description	Description of project permits required before the project can begin on a single solar installation.				
SystemPowerFactor	Power Factor	Power factor setting of the power system which is defined as the ratio of the real power flowing to the load, to the apparent power in the circuit. It is a dimensionless number in the closed interval of -1 to +1.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
SystemPreventiveMaintenanceTasksStatus	System Preventive Maintenance Tasks, Status	Indication of the status of preventative maintenance tasks performed for cycle, which can be complete or incomplete.				
SystemProductionLineItems	System Production [Line Items]	Information about the solar systems production.				
SystemProductionTable	System Production [Table]	Table used to capture the production statistics of a system including the forecasted and expected production as well as the actual production.				
SystemPVSystemSamplingInterval	PV System Performance Sampling Interval	Rate at which performance data is collected from equipment.				
SystemSparePartsStatusLevel	System Spare Parts Level, Status	Indicates if the status of the spare parts level is sufficient or insufficient.				
SystemStructure	System Structure, Description	Description of the system structure which can be Rooftop, Carport or Ground Mount.				
SystemType	System Type, Description	Indicates the system characterization of the site as either Residential, Community Solar, Commercial, Industrial, Agricultural, Utility.				
SystemUptimeRatio	System Uptime, Ratio	Measure of system availability (uptime), calculated by taking the ratio of total useful time (time during which the plant is operating without taking any exclusion factors into account) minus total downtime, divided by the total useful time, multiplied by 100. Total useful time is defined as the time when the plant is exposed to irradiation levels above the generator's Minimum Irradiance Threshold (MIT). This measure is sourced from Solar Power Europe.				
TargetBalanceAbstract	Target Balance [Abstract]	Information about the target balance.				
TargetBalanceAmount	Target Balance, Amount	Specifies target balance amount.				
TargetBalanceAxis	Target Balance [Axis]	Used as the identifier for the target balance.				
TargetBalanceDomain	Target Balance [Domain]	Used as the identifier for the target balance.				
TargetBalanceLineItems	Target Balance [Line Items]	Used to group information about the target balance in a bank account.				
TargetBalancePeriod	Target Balance, Period	Period of time during which the target balance applies.				
TargetBalanceTable	Target Balance [Table]	Represents information related to the target balance in a Bank Account which is used for a system implementation. Information about the target balance can include bank account identification number, period during which the target balance applies and amount of target balance.				
TaxEquityCashDistributions	Tax Equity Cash Distributions, Amount	Amount of the tax equity cash distributions.				

TaxEquityCommunicationPlan	Developer Tax Equity Communication Plan, Description	Description of the developer plan for tax equity reporting and communication including a short description of how the sponsor will interface with the tax equity recipient on consent requests, operating issues, tax return filing, tracking models, operating reports and other issues.				
TaxesPayableCurrent	Taxes Payable, Current	Carrying value as of the balance sheet date of obligations incurred and payable for statutory income, sales, use, payroll, excise, real, property and other taxes. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer).				
TaxIndemnityAgreementAbstract	Tax Indemnity Agreement [Abstract]	Information about the Tax Indemnity Agreement.				
TaxIndemnityAgreementAvailabilityOfDocument	Availability Of Tax Indemnity Agreement, Flag	Indicates if the Tax Indemnity Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
TaxIndemnityAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Tax Indemnity Agreement, Flag	Indicates if there are exceptions to the Tax Indemnity Agreement. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
TaxIndemnityAgreementAvailabilityOfFinalDocument	Availability Of Final Tax Indemnity Agreement, Flag	Indicates if the Tax Indemnity Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
TaxIndemnityAgreementCounterparties	Counterparties To The Tax Indemnity Agreement, Names	Names of counterparties to the Tax Indemnity Agreement.				
TaxIndemnityAgreementEffectiveDate	Tax Indemnity Agreement, Effective Date	Effective date of the Tax Indemnity Agreement.				
TaxIndemnityAgreementExceptionDescription	Tax Indemnity Agreement Exceptions, Description	Description of any exceptions to the Tax Indemnity Agreement.				
TaxIndemnityAgreementExpirationDate	Tax Indemnity Agreement, Expiration Date	Expiration date of the Tax Indemnity Agreement.				
TaxIndemnityAgreementLink	Tax Indemnity Agreement, Link	Link to the Tax Indemnity Agreement document.				
TaxOpinionAbstract	Tax Opinion [Abstract]	Information about the Tax Opinion for the project.				
TaxOpinionAvailabilityOfDocument	Availability Of Tax Opinion, Flag	Indicates if the Tax Opinion is available. If it is available, TRUE; if it is not available, FALSE.				
TaxOpinionAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Tax Opinion, Flag	Indicates if there are exceptions to the Tax Opinion or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
TaxOpinionAvailabilityOfFinalDocument	Availability Of Final Tax Opinion, Flag	Indicates if the Tax Opinion is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
TaxOpinionCounterparties	Counterparties To The Tax Opinion, Names	Names of counterparties to the Tax Opinion.				
TaxOpinionDocumentLink	Tax Opinion, Link	Link to the Tax Opinion document.				

TaxOpinionEffectiveDate	Tax Opinion, Effective Date	Effective date of the Tax Opinion.				
		Description of any exceptions to the Tax Opinion or issues raised.				
TaxOpinionExceptionDescription	Tax Opinion Exceptions, Description					
TaxOpinionExpirationDate	Tax Opinion, Expiration Date	Expiration date of the Tax Opinion.				
		Amount of tax preparation fees incurred during the period.				
TaxPreparationFee	Tax Preparation Fee					
TelcomMember	Telcom [Member]	Telcom equipment.				
TermLoanAbstract	Term Loan [Abstract]	Information about a Term Loan.				
		Indicates if the Term Loan is available. If it is available, TRUE; if it is not available, FALSE.				
TermLoanAvailabilityOfDocument	Availability Of Term Loan, Flag					
		Indicates if there are exceptions to the Term Loan or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
TermLoanAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Term Loan, Flag					
		Indicates if the Term Loan is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
TermLoanAvailabilityOfFinalDocument	Availability Of Final Term Loan, Flag					
TermLoanCounterparties	Counterparties To The Term Loan, Names	Names of counterparties to the Term Loan.				
TermLoanDocumentLink	Term Loan, Link	Link to the Term Loan document.				
TermLoanEffectiveDate	Term Loan, Effective Date	Effective date of the Term Loan.				
		Description of any exceptions to the Term Loan or issues raised.				
TermLoanExceptionDescription	Term Loan Exceptions, Description					
TermLoanExpirationDate	Term Loan, Expiration Date	Expiration date of the Term Loan.				
TermSheetAbstract	Term Sheet [Abstract]	Information about the Term Sheet for the project.				
		Indicates if the Term Sheet is available. If it is available, TRUE; if it is not available, FALSE.				
TermSheetAvailabilityOfDocument	Availability Of Term Sheet, Flag					
		Indicates if there are exceptions to the Term Sheet or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
TermSheetAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Term Sheet, Flag					
		Indicates if the Term Sheet is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
TermSheetAvailabilityOfFinalDocument	Availability Of Final Term Sheet, Flag					
TermSheetCounterparties	Counterparties To The Term Sheet, Names	Names of counterparties to the Term Sheet.				
TermSheetDocumentLink	Term Sheet, Link	Link to the Term Sheet document.				

TermSheetEffectiveDate	Term Sheet, Effective Date	Effective date of the Term Sheet.				
TermSheetExceptionDescription	Term Sheet Exceptions, Description	Description of any exceptions to the Term Sheet or issues raised.				
TermSheetExpirationDate	Term Sheet, Expiration Date	Expiration date of the Term Sheet.				
TestConditionAxis	Test Condition [Axis]	Used to identify test conditions such as Standard Test Conditions, PTC or Nominal Operating Conditions used when measuring s.				
TestConditionDomain	Test Condition [Domain]	Used to identify test conditions such as Standard Test Conditions, PTC or Nominal Operating Conditions used when measuring. The default is normal operating conditions.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
TestLabsNRTL	Test Lab Is NRTL, Flag	Indicates if the test lab used was a Nationally Recognized Testing Laboratory (NRTL) whose Scope of Recognition under the Occupational Safety and Health Administration (OSHA) includes UL 1741. If it was, TRUE; if it was not, FALSE.				
TestResultsForSecurementHumidity-FreezeAndTemperatureCycling	Test Results For Securement, Humidity-Freeze, And Temperature Cycling, Flag	Indication if test results were submitted for securement, humidity-freeze, and temperature cycling. If they were, TRUE; if they were not, FALSE.				
TestWasCalibrated	Test Was Calibrated, Flag	Indicates if the test equipment was calibrated when the test was performed. If it was, TRUE; if it was not, FALSE.				
ThirdPartyAbstract	Third Party [Abstract]	Information about third parties.				
ThirdPartyDetailsLineItems	Third Party Details [Line Items]	Used to group a listing of information about a third party.				
ThirdPartyEngagementFee	Third Party Engagement Fee, Amount	Amount of the total fee for the engagement.				
ThirdPartyEngagementHiringEntity	Third Party Engagement, Hiring Entity	Description of type of entity who engaged the third party, for example, Sponsor, Fund, Bank.				
ThirdPartyEngagementQualityofWork	Third Party Engagement, Quality of Work, Description	Description of the quality of the work delivered.				
ThirdPartyIdentifierAxis	Third Party Identifier [Axis]	Used as the identifier for the third parties.				
ThirdPartyIdentifierDomain	Third Party Identifier [Domain]	Used as the identifier for the third parties.				
ThirdPartyName	Third Party, Name	Full legal name of a third party.				
ThirdPartyRolesAxis	Third Party Roles [Axis]	Used as the identifier for the the role of a third party.				

ThirdPartyRolesDetailsLineItems	Third Party Roles Details [Line Items]	Used to group information about the role of a third party..				
ThirdPartyRolesDomain	Third Party Roles [Domain]	Used as the identifier for the role of a third party.				
ThirdPartyRolesTable	Third Party Roles [Table]	Represents information about the roles of third party organizations involved in a fund.				
ThirdPartyTable	Third Party [Table]	Represents information related to third parties involved in funds including information such as vendor code and type of fund.				
ThirdPartyVendorCode	Third Party, Vendor Code	The vendor code in the bank's internal systems.				
TitlePolicyAbstract	Title Policy [Abstract]	Information about the title policy.				
TitlePolicyAvailable	Title Policy Available, Flag	Indication as to whether the site has a title policy available.				
TitlePolicyExceptionAbstract	Title Policy Exception [Abstract]	Information about title policy exceptions.				
TitlePolicyExceptionAxis	Title Policy Exception [Axis]	Used as identifier for title policy exceptions.				
TitlePolicyExceptionDescription	Title Policy Exception, Description	Description of the title policy exception.				
TitlePolicyExceptionDetailsLineItems	Title Policy Exception Details [Line Items]	Used to group information about title policy exceptions on a site.				
TitlePolicyExceptionDomain	Title Policy Exception [Domain]	Used as identifier for title policy exceptions.				
TitlePolicyExceptionTable	Title Policy Exception [Table]	Represents information related to title policy exceptions.				
TitlePolicyExclusionAbstract	Title Policy Exclusion [Abstract]	Information about title policy exclusions.				
TitlePolicyExclusionAxis	Title Policy Exclusion [Axis]	Used as identifier for title policy exclusions.				
TitlePolicyExclusionDescription	Title Policy Exclusion, Description	Description of the Title Policy Exclusion.				
TitlePolicyExclusionDetailsLineItems	Title Policy Exclusion Details [Line Items]	Used to group information about title policy exclusions on a site.				
TitlePolicyExclusionDomain	Title Policy Exclusion [Domain]	Used as identifier for title policy exclusion.				
TitlePolicyExclusionIdentifier	Title Policy Exclusion, Identifier	Identifier for the Title Policy Exclusion.				
TitlePolicyExclusionTable	Title Policy Exclusion [Table]	Represents information about exclusions to title policies for a site.				

TitlePolicyIdentifier	Title Policy Identifier	Identifier for a title policy.				
TitlePolicyInsuranceAmount	Title Policy Insurance, Amount	Amount of the title policy.				
TitlePolicyInsuranceCompany	Title Policy Insurance Company, Name	Name of the insurance company for the title insurance.				
TitlePolicyInsuranceFinalPolicyLink	Title Policy Insurance Final Policy, Link	Link to the final title policy insurance document.				
TitlePolicyInsuranceProformaDocumentLink	Title Policy Insurance Proforma Document, Link	Link to the pro forma document for the title policy.				
TitlePolicyInsuranceStatus	Title Policy Insurance, Status	Status of the title policy, which may be Not applicable, Not issued, Pro Forma, or Final.				
TitleReportLink	Title Report, Link	Link to the title report.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
TitleSurveyAbstract	Title Survey [Abstract]	Information about the Title Survey.				
TitleSurveyAvailabilityOfDocument	Availability Of Title Survey, Flag	Indicates if the Title Survey is available. If it is available, TRUE; if it is not available, FALSE.				
TitleSurveyAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Title Survey, Flag	Indicates if there are exceptions to the Title Survey or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
TitleSurveyAvailabilityOfFinalDocument	Availability Of Final Title Survey, Flag	Indicates if the Title Survey is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
TitleSurveyCounterparties	Counterparties To The Title Survey, Names	Names of counterparties to the Title Survey.				
TitleSurveyDocumentLink	Title Survey, Link	Link to the Title Survey document.				
TitleSurveyEffectiveDate	Title Survey, Effective Date	Effective date of the Title Survey.				
TitleSurveyExceptionDescription	Title Survey Exceptions, Description	Description of any exceptions to the Title Survey or issues raised.				
TitleSurveyExpirationDate	Title Survey, Expiration Date	Expiration date of the Title Survey.				
TitleSurveyLineItems	Title Survey [Line Items]	Used to group information about title surveys related to the site.				
TrackerAltitude	Tracker Altitude	The height of the tracker from ground-level.				
TrackerAzimuth	Tracker Azimuth	Azimuth measure of the tracker.				

TrackerCapacityPower	Tracker Capacity, Power	Tracker Capacity in kWdc.				
TrackerMaterialsWorkmanshipWarrantyExpiration	Tracker Materials & Workmanship Warranty Expiration Date	Tracker Materials & Workmanship Warranty expiration date.				
TrackerMaterialsWorkmanshipWarrantyInitiation	Tracker Materials & Workmanship Warranty, Initiation Date	Tracker Materials & Workmanship Warranty initiation date.				
TrackerMember	Tracker [Member]	Tracker equipment.				
TrackerNumberOfControllers	Tracker, Number of Controllers	Number of tracker controllers which are electronic devices that directs the tracker.				
TrackerStowWindSpeed	Tracker Stow Wind Speed	Stow wind speed in meters/second; tracker stow threshold				
TrackerStyle	Tracker Style, Description	Indicates whether the system tracker is fixed, horizontal axis, two-axis, vertical, vertical-axis, or seasonal tilt.				
TrackerTilt	Tracker Tilt, Degrees	The tracker's tilt angle in degrees from horizontal, where zero degrees is horizontal, and 90 degrees is vertical and facing the equator (in both the southern and northern hemispheres).				
TransformerDesignFactor	Transformer, Design Factor	Multiplier indicating the amount that the module can operate at above the nameplate capacity. For example at factor of 1.1, can safely operate 10% above the stated nameplate capacity rating.				
TransformerMember	Transformer [Member]	Transformer equipment.				
TransformerPressure	Transformer Pressure	Transformer pressure, in PSI.				
TransformerTemperature	Transformer Temperature	Transformer temperature. Can be reported as Celsius or Fahrenheit by the preparer when specifying units in the instance document.				
TransmissionAndCurtailmentHistoricalAndForwardLookingAnalysisMember	Transmission And Curtailment Historical And Forward Looking Analysis [Member]	Transmission and curtailment report, historical and forward looking analysis.				
TransmissionAndCurtailmentTrackingAccountEstimateMember	Transmission And Curtailment Tracking Account Estimate [Member]	Transmission and curtailment report, tracking account estimate (for project settling on LMP market).				
TransmissionReportandCurtailmentEstimateAbstract	Transmission Report and Curtailment Estimate [Abstract]	Information about the Transmission Report and Curtailment Estimate for the project.				
TransmissionReportandCurtailmentEstimateAvailabilityOfDocument	Availability Of Transmission Report and Curtailment Estimate, Flag	Indicates if the Transmission Report and Curtailment Estimate is available. If it is available, TRUE; if it is not available, FALSE.				
TransmissionReportandCurtailmentEstimateAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Transmission Report and Curtailment Estimate, Flag	Indicates if there are exceptions to the Transmission Report and Curtailment Estimate or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
TransmissionReportandCurtailmentEstimateAvailabilityOfExceptions	Availability Of Exceptions To The Transmission Report and Curtailment Estimate, Flag	Indicates if there are exceptions to the Transmission Report and Curtailment Estimate or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
-----------------------	-----------------------------	------------	--------	--------------------	---------------------------------	---------------------------------

TransmissionReportandCurtailmentEstimateAvailabilityOfFinalDocument	Availability Of Final Transmission Report and Curtailment Estimate, Flag	Indicates if the Transmission Report and Curtailment Estimate is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
TransmissionReportandCurtailmentEstimateCounterparties	Counterparties To The Transmission Report and Curtailment Estimate, Names	Names of counterparties to the Transmission Report and Curtailment Estimate.				
TransmissionReportAndCurtailmentEstimateDocumentLink	Transmission Report And Curtailment Estimate, Link	Link to the Transmission Report And Curtailment Estimate document.				
TransmissionReportandCurtailmentEstimateEffectiveDate	Transmission Report and Curtailment Estimate, Effective Date	Effective date of the Transmission Report and Curtailment Estimate.				
TransmissionReportandCurtailmentEstimateExceptionDescription	Transmission Report And Curtailment Estimate Report Exceptions, Description	Description of exceptions to the transmission and curtailment report.				
TransmissionReportandCurtailmentEstimateExpirationDate	Transmission Report and Curtailment Estimate, Expiration Date	Expiration date of the Transmission Report and Curtailment Estimate.				
TreasuryStockValue	Treasury Stock, Value	The amount allocated to treasury stock. Treasury stock is common and preferred shares of an entity that were issued, repurchased by the entity, and are held in its treasury.				
TypeOfDevice	Type Of Device [Enumerated]	The value of the item defined as a member for equipment for example, ModuleMember, TransformerMember, LoggerMember.				
UCCPrecautionaryLeaseFilingAbstract	UCC Precautionary Lease Filing [Abstract]	Information about the UCC Precautionary Lease Filing for the project which is a legal form filed to indicate that they have or will have an interest in the property of the debtor.				
UCCPrecautionaryLeaseFilingAvailabilityOfDocument	Availability Of UCC Precautionary Lease Filing, Flag	Indicates if the UCC Precautionary Lease Filing is available. If it is available, TRUE; if it is not available, FALSE.				
UCCPrecautionaryLeaseFilingAvailabilityOfDocumentExceptions	Availability Of Exceptions To The UCC Precautionary Lease Filing, Flag	Indicates if there are exceptions to the UCC Precautionary Lease Filing or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
UCCPrecautionaryLeaseFilingAvailabilityOfFinalDocument	Availability Of Final UCC Precautionary Lease Filing, Flag	Indicates if the UCC Precautionary Lease Filing, a legal form filed to indicate that they have or will have an interest in the property of the debtor, is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
UCCPrecautionaryLeaseFilingCounterparties	Counterparties To The UCC Precautionary Lease Filing, Names	Names of counterparties to the UCC Precautionary Lease Filing, a legal form filed to indicate that they have or will have an interest in the property of the debtor.				
UCCPrecautionaryLeaseFilingDocumentLink	UCC Precautionary Lease Filing, Link	Link to the UCC Precautionary Lease Filing document.				
UCCPrecautionaryLeaseFilingEffectiveDate	UCC Precautionary Lease Filing, Effective Date	Effective date of the UCC Precautionary Lease Filing, a legal form filed to indicate that they have or will have an interest in the property of the debtor.				
UCCPrecautionaryLeaseFilingExceptionDescription	UCC Precautionary Lease Filing Exceptions, Description	Description of any exceptions to the UCC Precautionary Lease Filing or issues raised.				
UCCPrecautionaryLeaseFilingExpirationDate	UCC Precautionary Lease Filing, Expiration Date	Expiration date of the UCC Precautionary Lease Filing, a legal form filed to indicate that they have or will have an interest in the property of the debtor.				

UCCSecurityAgreementAbstract	UCC Security Agreement [Abstract]	Information about the UCC Security Agreement for the project.				
UCCSecurityAgreementAvailabilityOfDocument	Availability Of UCC Security Agreement, Flag	Indicates if the UCC Security Agreement is available. If it is available, TRUE; if it is not available, FALSE.				
UCCSecurityAgreementAvailabilityOfDocumentExceptions	Availability Of Exceptions To The UCC Security Agreement, Flag	Indicates if there are exceptions to the UCC Security Agreement or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
UCCSecurityAgreementAvailabilityOfFinalDocument	Availability Of Final UCC Security Agreement, Flag	Indicates if the UCC Security Agreement is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
UCCSecurityAgreementCounterparties	Counterparties To The UCC Security Agreement, Names	Names of counterparties to the UCC Security Agreement.				
UCCSecurityAgreementDocumentLink	UCC Security Agreement, Link	Link to the UCC Security Agreement document.				
UCCSecurityAgreementEffectiveDate	UCC Security Agreement, Effective Date	Effective date of the UCC Security Agreement.				
UCCSecurityAgreementExceptionDescription	UCC Security Agreement Exceptions, Description	Description of any exceptions to the UCC Security Agreement or issues raised.				
UCCSecurityAgreementExpirationDate	UCC Security Agreement, Expiration Date	Expiration date of the UCC Security Agreement.				
UCTaxLienAndJudgmentLienSearchesAbstract	UCC Tax Lien and Judgment Lien Searches [Abstract]	Information about the UCC Tax Lien and Judgment Lien Searches for the project.				
UCTaxLienAndJudgmentLienSearchesAvailabilityOfDocument	Availability Of UCC Tax Lien and Judgment Lien Searches, Flag	Indicates if the UCC Tax Lien and Judgment Lien Searches are available. If it is available, TRUE; if it is not available, FALSE.				
UCTaxLienAndJudgmentLienSearchesAvailabilityOfDocumentExceptions	Availability Of Exceptions To The UCC Tax Lien and Judgment Lien Searches, Flag	Indicates if there are exceptions to the UCC Tax Lien and Judgment Lien Searches or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				
UCTaxLienAndJudgmentLienSearchesAvailabilityOfFinalDocument	Availability Of Final UCC Tax Lien and Judgment Lien Searches, Flag	Indicates if the UCC Tax Lien and Judgment Lien Searches are available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
UCTaxLienAndJudgmentLienSearchesCounterparties	Counterparties To The UCC Tax Lien and Judgment Lien Searches, Names	Names of counterparties to the UCC Tax Lien and Judgment Lien Searches.				
UCTaxLienAndJudgmentLienSearchesEffectiveDate	UCC Tax Lien and Judgment Lien Searches, Effective Date	Effective date of the UCC Tax Lien and Judgment Lien Searches.				
UCTaxLienAndJudgmentLienSearchesExceptionDescription	UCC Tax Lien and Judgment Lien Searches Exceptions, Description	Description of any exceptions to the UCC Tax Lien and Judgment Lien Searches or issues raised.				
UCTaxLienAndJudgmentLienSearchesExpirationDate	UCC Tax Lien and Judgment Lien Searches, Expiration Date	Expiration date of the UCC Tax Lien and Judgment Lien Searches.				
UCTaxLienAndJudgmentSearchesDocumentLink	UCC Tax Lien And Judgment Searches, Link	Link to the UCC Tax Lien And Judgment Searches document.				

UncertaintyMeasuresAbstract	Uncertainty Measures [Abstract]	Information about uncertainty measures related to the system.				
UnderwritingAmountOfPrepaidExpenses	Prepaid Expenses, Amount	Amount of prepaid expenses.				
UnderwritingAvailabilityOfPrepaidExpenses	Prepaid Expenses Available, Flag	Prepaid expenses are available for the project; if available, TRUE; if not available, FALSE.				
UnderwritingCrossCollateralizationStructure	Cross-collateralization Structure Among Funds, Description	Description of cross collateralization structure among funds.				
UnderwritingLetterOfCreditPurpose	Letter of Credit, Purpose	Description of purpose of Letter of Credit				
UnderwritingOtherUniqueUnderwritingStructures	Other Unique Underwriting Structure, Description	Description of any other features of the underwriting structure.				
UnderwritingPresentValueOfProject	Present Value of the Project	Present Value of the project.				
UnderwritingProtectionMechanism	Protection Mechanism, Description	Description of protection mechanism.				
UnderwritingRentCoverageRatio	Rent Coverage Ratio, Percent	Rent coverage ratio, defined as Earnings Before Income, Tax, Depreciation and Amortization, divided by rent payments.				
UnderwritingReserveStructure	Reserve Structure, Description	Description of reserve structure.				
UnderwritingRevenueSources	Revenue Sources, Description	Description of revenue sources.				
UnderwritingStructureAbstract	Underwriting Structure [Abstract]	Information about the underwriting structure of the fund.				
UnderwritingTerminationValue	Termination Value, Amount	Termination value of the project.				
UnderwritingTerminationValueGap	Termination Value Gap, Amount	Difference between the actual termination value and the present value of the project value at the time of the termination.				
UniversalInsuranceAbstract	Universal Insurance [Abstract]	Information about Universal Insurance.				
UniversalInsuranceLineItems	Universal Insurance [Line Items]	Used to group information about Universal insurance related to the project or the system.				
UniversalInsuranceTable	Universal Insurance [Table]	Table containing information about Universal insurance, which may be required for different participants to the project such as a contractor, subcontractor, or project owner.				
UnleveredInternalRateOfReturn	Unlevered internal rate of return.	Unlevered internal rate of return.				
UseOfFundsAbstract	Use Of Funds [Abstract]	Information about the use of funds for a financing event.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
-----------------------	-----------------------------	------------	--------	--------------------	---------------------------------	---------------------------------

UseOfFundsAmount	Use of Funds, Amount	Amount of the payment made for the use of the funds.				
UseOfFundsAxis	Use of Funds [Axis]	Identifier for the use of funds for an individual financing event.				
UseOfFundsCounterpartyIdentifier	Use of Funds, Counterparty Identifier	Identifier for the counterparty that is using the funds.				
UseOfFundsDescription	Use of Funds, Description	Description of the contribution, for example, 45% of funding provided for XYZ project.				
UseOfFundsDomain	Use of Funds [Domain]	Identifier for the use of funds for an individual financing event.				
UseOfFundsEntityType	Use of Funds, Entity Type	Indication of the type of entity using the funds which could be Special Purpose Vehicle (SPV), Counterparty or Third Party.				
UseOfFundsLineItems	Use of Funds [Line Items]	Use to group a listing of information about the use of funds for a financing event.				
UseOfFundsProjectSpecificFlag	Use of Funds Project Specific, Flag	Indication as to whether the use of funds is for a specific project. If it is for a specific project, TRUE; if it is not for a specific project, FALSE.				
UseOfFundsSPVIdentifier	Use of Funds, SPV Identifier	Identifier for the SPV that is using the funds.				
UseOfFundsTable	Use of Funds [Table]	Represents information about the use of funds for a financing event such as counterparties involved, amount and the user of the funds.				
UseOfFundsThirdPartyIdentifier	Use of Funds, Third Party Identifier	Identifier for the third party that is using the funds.				
UtilitiesCosts	Utilities Costs, Amount	Utilities costs incurred during the reporting period for services, such as water, sewer, gas, electricity and telephone required to operate a building.				
UtilityContactName	Utility Contact, Name	Contact name for the utility company where the grid connection will reside.				
UtilityContactTitle	Utility Contact, Title	Contact title for the utility company where the grid connection will reside.				
UtilityCostBasedIncentiveAmount	Cost Based Incentive Amount	Tax Rebate Incentive based on the cost of the system				
UtilityCostBasedIncentiveApplicationDate	Cost Based Incentive Application Date	Date Tax Rebate is applied				
UtilityDetailsLineItems	Utility Details [Line Items]	Used to group a listing of information about a Utility.				
UtilityElectricityCost	Utility Electricity Cost, Amount per Power	Electricity cost for the utility company where the grid connection will reside in amount per kWh.				
UtilityElectricityExpense	Utility Electricity Expense, Amount	Amount for the electricity expense for the utility company where the grid connection will reside.				
UtilityGrantAmount	Grant Amount	Reduction in system cost by grant amount				

UtilityInformationAbstract	Utility Information [Abstract]	Information about the utility.				
UtilityLegalEntityIdentifierAxis	Utility Legal Entity Identifier [Axis]	The Legal Entity Identifier for the utility.				
UtilityLegalEntityIdentifierDomain	Utility Legal Entity Identifier	The Legal Entity Identifier for the utility.				
UtilityProductionBasedIncentiveRate	Production Based Incentive Rate	Incentive based on the production of the system, provided by the Utility.				
UtilityRateName	Utility Rate, Name	Name of the rate charged by the utility to the offtaker.				
UtilityRateNameApplicableDates	Utility Rate Name, Applicable Dates	Date range for the time period during which the Utility rate is applicable.				
UtilityRenumerationTypeDescription	Renumeration Type, Description	Method of compensation for energy produced by solar installation, for example, net energy metering, feed-in tariff.				
UtilityTable	Utility [Table]	Represents information about a Utility.				
VegetationManagementAbstract	Vegetation Management [Abstract]	Information about vegetation management on the site.				
VegetationManagementAreaOfVegetation	Vegetation Management, Area of Vegetation	Amount of acreage where there is vegetation such as trees and grass that must be managed by the project.				
VegetationManagementCostPerAcre	Vegetation Management Cost Per Acre, Amount	Proforma and actual cost of vegetation management in currency per acre.				
VegetationManagementEquipmentRentalExpense	Vegetation Management Equipment Rental Expense, Amount	Rental expense for equipment used for vegetation management.				
VegetationManagementFrequencyOfManagementActivities	Vegetation Management Frequency	Number of times per year vegetation is tended.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
VegetationManagementLineItems	Vegetation Management [Line Items]	Used to group information about the vegetation management for the site.				
WarrantiesReviewCommunicationInfrastructureMember	Warranties Review Communication Infrastructure [Member]	Warranty review of Communication Infrastructure.				
WarrantiesReviewDataAcquisitionSystemsMetersMember	Warranties Review Data Acquisition Systems Meters [Member]	Warranty review of Data Acquisition System/Meters.				
WarrantiesReviewGenerationStepUpTransformersMember	Warranties Review Generation Step Up Transformers [Member]	Warranty review of Generation Step-up Transformers.				
WarrantiesReviewInvertersMember	Warranties Review Inverters [Member]	Warranty review of Inverters.				
WarrantiesReviewMediumVoltageTransformersMember	Warranties Review Medium Voltage Transformers [Member]	Warranty review of Medium Voltage Transformers.				

WarrantiesReviewMeteorologicalStationMember	Warranties Review Meteorological Station [Member]	Warranty review of Meteorological Station.				
WarrantiesReviewOtherMaterialEquipmentMember	Warranties Review Other Material Equipment [Member]	Warranty review of Other material equipment if any.				
WarrantiesReviewPVModulesMember	Warranties Review PV Modules [Member]	Warranty review of PV modules.				
WarrantiesReviewRackingTrackerOrParkingStructureMember	Warranties Review Racking Tracker Or Parking Structure [Member]	Warranty review of Racking, Tracker or Parking Structure.				
WarrantiesReviewSCADASystemsMetersMember	Warranties Review SCADA Systems Meters [Member]	Warranty review of SCADA System/Meters.				
WashingAndWasteAbstract	Washing And Waste [Abstract]	Information about the washing and waste activities and expenses.				
WashingAndWasteAgreementLineItems	Washing And Waste Agreement [Line Items]	Used to group information about the washing and waste for the site.				
WashingAndWasteCostOfWater	Washing Water Cost, Amount Per Gallon	Cost per gallon of water.				
WashingAndWasteCostPerModule	Washing Cost Per Module, Amount	Cost to wash an individual module.				
WashingAndWasteEquipmentRentalExpense	Washing Equipment Rental Expense, Amount	Rental expense for washing equipment.				
WashingAndWasteExpenseOfWaste	Waste Expense, Amount	Cost of disposing of waste.				
WashingAndWasteExpenseOfWater	Water Expense, Amount	Cost of water used to wash.				
WashingAndWasteFrequencyOfWashing	Washing Frequency	Number of times per year equipment must be washed.				
WashingAndWasteModuleQuantityCount	Washing Module, Quantity Of Modules	Number of solar modules that are washed.				
WashingAndWasteQuantityOfWater	Washing Water Quantity, Amount	Amount of water needed for washing in gallons.				
WeatherAdjustedEnergyMethodOfAdjustment	Measured Energy Weather Adjustment Method, Description	Description of method used to adjust energy generation for weather.				
WeightedEfficienciesAverageToCECEfficiencyValue	Weighted Efficiencies Average To CEC Efficiency Value, Flag	Indication if the three weighted efficiencies on the Summary sheet average to the CEC Efficiency value for the efficiency graph. If they do, TRUE; if they do not, FALSE.				
WiringInstructionsAbstract	Wiring Instructions [Abstract]	Information about the Wiring Instructions for the project.				
WiringInstructionsAvailabilityOfDocument	Availability Of Wiring Instructions, Flag	Indicates if the Wiring Instructions is available. If it is available, TRUE; if it is not available, FALSE.				
WiringInstructionsAvailabilityOfDocumentExceptions	Availability Of Exceptions To The Wiring Instructions, Flag	Indicates if there are exceptions to the Wiring Instructions or issues raised. If there are exceptions, TRUE; if there are no exceptions, FALSE.				

WiringInstructionsAvailabilityOfFinalDocument	Availability Of Final Wiring Instructions, Flag	Indicates if the Wiring Instructions is available in final form. If it is available in final form, TRUE; if it is only available in draft form, FALSE.				
WiringInstructionsCounterparties	Counterparties To The Wiring Instructions, Names	Names of counterparties to the Wiring Instructions.				
WiringInstructionsDocumentLink	Wiring Instructions, Link	Link to the Wiring Instructions document.				
WiringInstructionsEffectiveDate	Wiring Instructions, Effective Date	Effective date of the Wiring Instructions.				
WiringInstructionsExceptionDescription	Wiring Instructions Exceptions, Description	Description of any exceptions to the Wiring Instructions or issues raised.				
WiringInstructionsExpirationDate	Wiring Instructions, Expiration Date	Expiration date of the Wiring Instructions.				
WorkersCompensationInsuranceAbstract	Workers Compensation Insurance [Abstract]	Information about Workers Compensation Insurance.				
WorkersCompensationInsuranceLineItems	Workers Compensation Insurance [Line Items]	Used to group information about Workers Compensation insurance related to the project or the system.				

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
WorkersCompensationInsuranceTable	Workers Compensation Insurance [Table]	Table containing information about Workers Compensation insurance, which may be required for different participants to the project such as a contractor, subcontractor, or project owner.				
ZoningCovenant	Zoning Covenant, Description	Description of the zoning covenant / obligation.				
ZoningCovenantsAxis	Zoning Covenants [Axis]	Used as the identifier for the zoning covenant.				
ZoningCovenantsDetailsLineItems	Zoning Covenants Details [Line Items]	Used to group a listing of information about zoning covenants.				
ZoningCovenantsDomain	Zoning Covenants [Domain]	Used as the identifier for the zoning covenant.				
ZoningCovenantsTable	Zoning Covenants [Table]	Represents information about zoning covenants for a site.				
ZoningPermitAndCovenantsAbstract	Zoning Permit And Covenants [Abstract]	Information about zoning permits and zoning covenants for a site.				
ZoningPermitAuthority	Zoning Permit Authority, Description	Authority issuing the permit.				
ZoningPermitCreditRequired	Zoning Permit, Credit Required, Flag	Does the sponsor need to post credit support for site restoration and system removal conditions. If the sponsor needs to post credit support, TRUE; if not, FALSE.				
ZoningPermitDetailsLineItems	Zoning Permit Details [Line Items]	Used to group information about the zoning permit.				

ZoningPermitDocumentsAxis	Zoning Permit Documents [Axis]	Used as the identifier for the zoning permit document.				
ZoningPermitDocumentsDetailsLineItems	Zoning Permit Documents Details [Line Items]	Used to group a listing of information about zoning permit documents.				
ZoningPermitDocumentsDomain	Zoning Permit Documents [Domain]	Used as the identifier for the zoning permit document.				
ZoningPermitDocumentsLink	Zoning Permit Documents, Link	Link to the actual zoning permit document.				
ZoningPermitDocumentsTable	Zoning Permit Documents [Table]	Represents information about documents related to zoning permit such as type of document and link to document.				
ZoningPermitDocumentsType	Zoning Permit Documents, Type, Description	Description of the type of documents which could be a permit or a supporting document.				
ZoningPermitIdentifier	Zoning Permit Identifier	Identifier for the zoning permit related to a site.				
ZoningPermitIdentifierAxis	Zoning Permit Identifier [Axis]	Used as the identifier for the zoning permit.				
ZoningPermitIdentifierDomain	Zoning Permit Identifier	Used as the identifier for the zoning permit.				
ZoningPermitIssueDate	Zoning Permit, Issue Date	Date on which the permit was issued.				
ZoningPermitProperty	Zoning Permit Property, Description	Identifies whether this is a permit for the plant, gen tie line, or substation.				
ZoningPermitRecurringFee	Zoning Permit, Recurring Fee, Description	Description of the amount, frequency and timing of the recurring fee.				
ZoningPermitRecurringFeeRequired	Zoning Permit, Recurring Fee Required, Flag	Indicates if there is a recurring fee for the zoning permit. If there is a recurring fee, TRUE; if there is not, FALSE.				
ZoningPermitRenewable	Zoning Permit Renewable, Flag	Indicates if the zoning permit can be renewed at the end of the term. If it can be renewed, TRUE; if it cannot be renewed, FALSE.				
ZoningPermitRequired	Zoning Permit Required, Flag	Indication as to whether a zoning permit is required.				
ZoningPermitSiteRestorationRequired	Zoning Permit, Site Restoration Required, Flag	Indicates if the site needs to be restored at the end of the term. If the site needs to be restored, TRUE; if not required, FALSE.				
ZoningPermitSystemRemovalRequired	Zoning Permit, System Removal Required, Flag	Indicates if the zoning permit requires system removal at the end of the term. If system removal is required, TRUE; if not required, FALSE.				
ZoningPermitTable	Zoning Permit [Table]	Represents information related to various zoning permits for a site, such as fees, date of issue, term, and renewal policy.				
ZoningPermitTerm	Zoning Permit, Term	Term of the permit. The value should be entered using the ISO8601 format of PnYnMnDTnHnMnS. For example, a 5-year term would be represented as P5Y, a 3-month term as P3M, and a 4-year, 6month and 10-day term would be represented as P4Y6M10D.				

ZoningPermitTerminationDetailsLineItems	Zoning Permit Termination Details [Line Items]	Used to group a listing of information about terminations of zoning permits.				
---	--	--	--	--	--	--

Orange Button Element	Orange Button Element Label	Definition	Source	Source Reference 1	Source Reference Element Name 1	Source Reference Element Name 2
ZoningPermitTerminationProvision	Zoning Permit Termination Provision, Description	Description of the zoning permit termination provision.				
ZoningPermitTerminationRightsName	Zoning Permit Termination Rights, Name	Name of the individual or organization that has termination rights.				
ZoningPermitTerminationTable	Zoning Permit Termination [Table]	Represents information about terminations of zoning permits.				
ZoningPermitType	Zoning Permit Type, Description	Description of the type of zoning permit, for example, Special Use, Conditional Use, Variance.				
ZoningPermitUpfrontFeeAmount	Zoning Permit, Upfront Fee, Amount	Amount of the upfront fee for the zoning permit.				
ZoningPermitUpfrontFeeRequired	Zoning Permit, Upfront Fee Required, Flag	Indicates if there is an upfront fee. If there is an upfront fee, TRUE; if there is not an upfront fee, FALSE.				
ZoningPermitUpfrontFeeStatus	Zoning Permit, Upfront Fee Status, Description	Description of the status of the upfront fee, for example, Not Applicable, Not Due, Overdue, Partially Paid, Fully Paid.				
ZoningPermitUpfrontFeeTiming	Zoning Permit, Upfront Fee Timing, Description	Timing of the upfront fee for the zoning permit.				