



Greetings!

Ten years in the solar industry is judged by many to be a lifetime. However, for me and the SunSpec team, a decade has gone by in a heartbeat. Today we unveil the first opportunity to register for our **10<sup>th</sup> Anniversary Celebration, October 3 2019** to be held in concert with the annual member meeting.

In a recent member survey related to the celebration, a majority of you voted for a beach side climate for the event. La Jolla, near the solar and energy storage demonstration sites at University of California, San Diego, fulfills your request. More information can be found below.

This is my first opportunity to thank the members, board of directors and team members who have contributed over the years to the growth of the alliance and our mission in the DER space. There will be more to come. We'll keep a steady drumbeat of information coming your way over the next few months.

#### **CA Rule 21 Phase 2 Communications Compliance Update**

On June 6 the California Public Utilities Commission (CPUC) issued a Draft Resolution regarding the CA Rule 21 proceeding, specifically pertaining to the Phase 2 (communication) functions compliance deadline. DRAFT Resolution E-5000 clarifies smart inverter communications requirements in response to the petition of the California Solar & Storage Association for modification of Resolutions E-4832 and E-4898. We issued a **member bulletin** and conducted two member discussions related to E-5000. The proposed revised compliance deadline of January 22, 2020, may be finalized as early as July 11, 2019 by Commission vote. We will keep you posted on more developments as they become available.

In one of the related member briefings, a participant representing an aggregator who works with a variety of inverter components said, "Life would be easier if all the inverters we work with were SunSpec Certified." This statement perfectly sums up the market place efficiencies inherent in standardized communications protocols and SunSpec product certification.

SunSpec certification for this protocol is open to members. Not a member? Explore member benefits by accessing our **Join SunSpec** page. Need more information? Reach out to our membership team at **Membership@sunspec.org**.

Sincerely,



Tom Tansy  
Chairman  
SunSpec Alliance



# ANNUAL MEMBER MEETING & 10-YEAR CELEBRATION

Annual Member Meeting  
Anniversary Reception & Dinner  
Thursday, October 3, 2019

UC San Diego Solar  
& Energy Storage Tour  
Friday, October 4, 2019

Grande Colonial Hotel • La Jolla, California

**10 YEARS AND ON THE RISE**

## Announcing SunSpec 2019 Annual Member Meeting and 10th Anniversary Celebration

Join us as SunSpec Alliance hosts our 2019 Annual Member Meeting and we celebrate our 10<sup>th</sup> Anniversary. The member meeting will be Thursday, October 3 with a celebratory dinner that evening. More activities are planned for Friday, October 4. For more information and registration [visit the event page here](#).



## Test PKI Certificate Packages Now Available

The SunSpec Certified PKI program test certification program is being utilized by a variety of companies as they prepare for CA Rule 21 IEEE 2030.5/CSIP certification. There is no fee for the test certs.

[Link to submit for PKI Certificates.](#)



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# ORANGE BUTTON



## Orange Button Users Community Event: 2019 Summer Impact July 17, San Francisco

The SunSpec team will be joining industry experts at the Summer 2019 Impact Event, featuring the first electronic financial transaction with XBRL and the DOE's Orange Button, fully digital and importable by multiple stakeholders throughout the infrastructure supply chain. Session begins at 9am. More information [see event page](#). For registration information [contact K. Dixon Wright](#), Chairman, Surety Resource Connection. Event sponsored by Wells Fargo.



ORANGE BUTTON  
INITIATIVE

The mission of the Orange Button Work group is to ensure that the Orange Button taxonomy continues to address the most compelling use cases in the Distributed Energy (solar + storage) data exchange realm and that the Orange Button web service API continues to evolve to meet the needs of the software development community.

**Orange Button: Work group is meeting the last Thursday of every month.**

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# PV HAZARD CONTROL RAPID SHUTDOWN

## SunSpec Specification Under Review: Communication Signal For Rapid Shutdown Specification

The SunSpec Communication Signal for Rapid Shutdown Specification is an open standard offered for free, [downloadable here](#).

## Amendment

In calendar year Q4 2018, a request was made to clarify and amend the standard to address applications of a “receiver” that are not embedded in a PV module. The SunSpec Communication Signal for Rapid Shutdown working group met several times to address the request, **amended sections 4.2 and 4.3** of the specification to conform with the requirements of UL 3741, and published a new **TEST version on June 25, 2019 available here**.

## Review Process

The SunSpec Communication Signal for Rapid Shutdown-2019 specification will remain in **TEST status until August 24, 2019**. During this time, we encourage the SunSpec community to review the specification and **provide any comments you may have in this comment form**. If you have any questions, please contact **membership@sunspec.org**.



Proud member of SunSpec? Download your member-only Proud Member of SunSpec logo kit, including logos for various applications and our handy use guidelines.

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## The Connected Plant Era has Begun

Optimal performance, connectivity, data analytics, cybersecurity and standardization are all intertwined in this look at the connected solar plant via UtilityDive.



[Read the Full Article at UtilityDive](#)

**NEXTracker**, a Flex company, and SunSpec Alliance member, advances the power plant of the future with smart solar trackers, energy storage systems, and TrueCapture™ advanced control software that yields additional energy, optimizes performance and reduces costs for project and plant owners.



