



Greetings!

Solar Power International (SPI) is coming up soon and the power of the SunSpec ecosystem will be on full display. If you are headed to Salt Lake City at the end of the month, we encourage you to use the information in this newsletter to help organize your personal agenda at the show.

If you would like to meet with SunSpec at SPI, please let us know and we'll be sure to set up a time.

Kind regards

A handwritten signature in black ink, appearing to read 'Tom Tansy'.

Tom Tansy
Chairman
SunSpec Alliance



Solar Power International
September 23 - 26, 2019
Salt Lake City, Utah



ORANGE BUTTON

Orange Button and the Solar Data Ecosystem at SPI

Join Tom Tansy, Chairman of the SunSpec Alliance and Cliff Hansen, Technical Lead at Sandia National Laboratories on **Wednesday, September 25th** as they present Orange Button data exchange findings after a year of use from early adopters and the implications leading to solar soft cost reductions, including a potential finance savings of \$0.10 to \$0.15 per watt.

[Find Out More...](#)

The U.S. Department of Energy Solar Energy Technologies Office and SEIA are offering a workshop on **Monday, September 23, 2019** called **The Multi-Use Solar Data Ecosystem: Reduce, Recycle, Reconnect**. Many contributors to the Orange Button standard will be speaking and participating in the workshop. If data exchange and standards have an effect on your solar job (hint: they do), then we encourage you to sign up and attend this half-day workshop on Monday, September 23rd.

[Find Out More...](#)



CYBERSECURITY

DER Communication / Cybersecurity at SPI

Dr. Robby Simpson of GE Grid Solutions, with support from SunSpec, will address DER communication protocols in a talk on **Tuesday, September 24th** that will highlight the role of the IEEE 2030.5 standard. A not-to-be missed talk in light of IEEE 1547-2018 (which mandates IEEE 2030.5, SunSpec Modbus, and/or IEEE 1815) taking effect in 2020.

[Find Out More...](#)

DER grid penetrations levels of 100% are achievable with smart inverters. Make sure to swing by the Poster Reception on **Tuesday, September 24th** to talk with SunSpec and review how we came to these results.

[Find Out More...](#)



MEMBER NEWS

SunSpec Member Booths at SPI

Quite a few SunSpec members will have booths at SPI this year. We encourage you to stop by and see what connections you can make.

[Take a Look at the Full List...](#)

SunSpec Member Talks at SPI

Like booth presences, SunSpec Member companies have stepped up and are giving some incredibly interesting talks at SPI this year. From de-carbonization strategies to modeling for 40-year solar operational life to defending PV systems from cyberattacks, SunSpec Member companies are covering a wide range of subjects this year. We hope you will make time in your schedule to attend a few workshops and talks.

[Take a Look at the Full List...](#)

We look forward to seeing everyone at SPI!



EVENTS

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

Please Join Us for the SunSpec 2019 Annual Member Meeting and 10th Anniversary Celebration

Thursday and Friday, October 3-4, 2019
La Jolla, California

There is still time to register for the 2019 Annual Member Meeting! We would love to have you join us for good conversation and a celebration of our 10th anniversary.

Visit the event page for more information and to register.

[Event Page](#)

Register Now for Fall Quarter!

Registration for the fall quarter course on **Secure Communication for Distributed Energy Resources** is now open. This fully online, nine-week course begins on September 24, 2019. Electrical, software, and grid engineers can use the knowledge gained in this course to augment their skills and design products that incorporate secure communication networking and deploy networks using these products. With the rollout of CA Rule 21 and IEEE 1547-2018, this knowledge becomes increasingly important for companies to succeed in California and across the U.S.

Email membership@sunspec.org for member and group discounts.

[More Information](#)



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