



## The Conductor

News & Activities of SGIP

January 19, 2017

## President's Update



Members,

On January 6, 2017, the Quadrennial Energy Review (QER) Task Force released the second installment of the [Quadrennial Energy Review](#) report titled "Transforming the Nation's Electricity System." A hefty 444 page document (without counting the appendix), the document focuses on 3 major objectives: 1) Maximizing Economic Value and Consumer Equity, (2) Enabling a Clean Electricity Future, and (3) Ensuring System Reliability, Security and Resilience.

Items that were pointed out that align with our mission are as follows:

1. Increasing importance of IoT and digitization
2. Importance of cybersecurity
3. The use of smart grid and changes in IT technology
4. The impacts of DER and use of microgrids and the impacts to resiliency and reliability

As we continue to move forward on our objectives for 2017, I am pleased to see our linkages increasing between utilities, vendors, service providers, regulators and government. Together we will help make the transformation referred to in the QER a reality.

I'm optimistic for our community of thought leaders and their organizations. If you'd like to hear more about SGIP and the year ahead, consider joining me at [DistribuTECH 2017](#) conference in San Diego from January 31 to February 2, 2017 at the San Diego Convention Center where over 40 SGIP member companies are participating.

SGIP will be involved at DistribuTECH in several ways, including the SGIP-hosted utilities only Grid Management Group Meeting on January 30th from 1:00 p.m. to 4:00 p.m. PST in Room 27B at the convention center. If you are a utility and wish to attend, register [here](#).

In addition, I am co-hosting a Breakfast Briefing with SEPA (Smart Electric Power Alliance) CEO Julia Hamm from 8:00 a.m. to 8:45 a.m. PST in room 31B at the convention center. She and I will discuss a joint 2017 Outlook. To attend the meeting, [register here](#).

The first 2017 OpenFMB Face-to-Face meeting will be held at DistribuTECH 2017 on Wednesday, February 1st from 12pm-1:30pm at the Marriott Marquis San Diego Marina in the Catalina room. [Click here](#) to join the OpenFMB team meeting.

You can save 10 percent on your DistribuTECH 2017 individual full conference registration by [clicking here](#).

I'm looking forward to seeing all of you in San Diego!



Sharon Allan  
President and CEO

## PMO Update

### From Aaron Smallwood, SGIP VP Technology

#### Orange Button – Moving Forward in 2017

In December 2016, our SGIP Orange Button Requirements Working Groups put the finishing touches on the Orange Button use cases that were used to drive the Market Requirements Documents. These use cases were then turned over to the SunSpec Alliance to use in creating the detailed design of the Orange Button Data Taxonomy.

Completing the requirements documents represented an *enormous amount* of hard work, thoughtful deliberation, and persistence on the part of our Area A requirements participants – and I'd like to say thank you for sticking with it. It's appreciated.

In the next month we'll be sharing information about our plans to both move the taxonomy forward with Area B and to increase awareness. Click below to learn more about our plans for 2017.

#### OpenFMB Face-to Face Meeting at DistribuTECH 2017

In November at the SGIP Grid Modernization Summit, the OpenFMB team decided to take short break and resume meeting in 2017. The first 2017 OpenFMB Face-to-Face meeting will be held on Wednesday, February 1st from 12pm-1:30pm PST in San Diego at DistribuTECH 2017. We'll briefly review 2016 accomplishments and discuss plans for moving OpenFMB forward in 2017 and beyond. [To register, click here](#).



LEARN MORE

### **COMING SOON – SGIP Catalog of Standards Vote**

On January 13th, the SGIP Board of Directors approved moving forward five SGIP Catalog of Standards candidates to a member vote concerning their inclusion into the SGIP Catalog of Standards. The ballot will remain open for approximately one month, with anticipated closing towards the end of February. If you are interested in participating in the vote, please click below for more details, or email Lesley Strand at [lstrand@sgip.org](mailto:lstrand@sgip.org) and let her know - we'll get you included.

[Click here for the full Update.](#)

## **SGIP News**

### **Join SGIP at DistribuTECH 2017 with Discounted Pricing**

From January 31 to February 2, 2017, the DistribuTECH conference will fill the San Diego Event Center in San Diego, California, and address advanced metering, asset management, data analytics and much more. SGIP and several of its members will be sharing their knowledge at DistribuTECH 2017. If you are a member, you can save 10% on your individual full conference registration by [clicking here](#).



When you get to San Francisco, there are a few ways you can connect with SGIP:

#### **Grid Management Group Meeting - January 30, 2017**

DistribuTECH 2017 starts on January 31, 2017, but SGIP will host a utilities only Grid Management Group Meeting the day before in room 27B at the convention center from 1:00 p.m. to 4:00 p.m. PST. The Grid Management Group is an SGIP committee that brings together Grid Operations technology and business leaders from utilities to discuss managing a more complex grid due to the rapid rise of DERs. If you are a utility, [click below](#) to learn more about attending.

#### **Visit SGIP at Booth 2350**

SGIP will be at Booth 2350 on the Exhibitors Floor. Visitors will see the [OpenFMB Collaboration Site](#), which offers example code, use cases, wikis, a blog, useful links, and a community of thought leaders to address communication between devices at the grid edge.

#### **SEPA/SGIP Breakfast Briefing - January 31, 2017**

On the first day of the conference, SGIP is co-hosting a breakfast with the Smart Electric Power Alliance (SEPA) from 8:00 a.m. to 8:45 a.m. PST in room 31B at the convention center. SEPA CEO Julia Hamm and SGIP CEO Sharon Allan will give a joint 2017 Outlook. If you are a utility, [register here](#).

#### **OpenFMB Face-to-Face Meeting - February 1, 2017**

Join us at the Marriott Marquis San Diego Marina in the Catalina room on Wednesday, February 1st from 12pm-1:30pm. [Click here](#) to join the OpenFMB team meeting.

**Support SGIP Member companies in the DTECH 2017 program.** SGIP has a strong presence at DistribuTECH 2017. Mark your calendars and join SGIP members at the following DTECH 2017 sessions. Detailed information on sessions can be found [here](#). Click below to view all the sessions SGIP member companies are involved with at DTECH 2017.

## New SGIP White Paper Template Available



[SGIP white papers](#) are written by electric energy experts in the SGIP community and give guidance on a variety of topics. As part of SGIP's continued commitment to sharing knowledge, we recently released a new version of our white paper graphical template.

Using the SGIP 2017 White Paper Template ensures that our SGIP white papers are representative of the level and standard of excellence and expertise of the authors who have written them, and that the published papers are consistent with SGIP brand guidelines. We hope you will find the new, self-guided template easy to use and navigate.

Click below to read more about the SGIP white paper development process and how to access the SGIP 2017 White Paper Template.

[Read More](#)

## Contribute to *The Conductor*

SGIP's monthly newsletter isn't just an opportunity for you to hear from other thought leaders - it's also your chance to share your views and accomplishments with the industry and the SGIP community. If you have opinions, initiatives or upcoming events that can help others in grid modernization, they can be published in *The Conductor*.

Your insight and work could be promoted in several ways:

- **Articles**
- **Case Studies and White Papers**
- **Webinars**
- **Conferences**



>> [Click here for more details on how you can contribute](#)

If you would like to contribute to *The Conductor*, contact Gabrielle Puccio, Vice President of Member and Public Affairs, at [gpuccio@sgip.org](mailto:gpuccio@sgip.org).

## SGIP Webinars You May Have Missed

Evaluation of the Electromagnetic Phenomena Issues on Smart Grid Reliability Webinar

There are many electromagnetic (EM) phenomena that typically are applied to devices to indicate that they would survive in the EM environments that are present wherever there are power lines. Devices are defined as equipment that control power and send information bi-directionally on how that control is administered over Smart Grid-enabled power lines. Fortunately, these standards are meant to replicate the EM environment where the power grid operates from the generation point to the consumer location. This webinar described the EM environment and the tests that can be used to show the reliability and interoperability of Smart Grid devices. Three experts in EM supporting the SGIP Electromagnetic Interoperability Issues Working Group (EMIIWG) presented the webinar.

**Speakers:**

Don Heirman, President, Don HEIRMAN Consultants, LLC  
Jerry Ramie, Principal and EMIIWG Member, Arc Technical Resources, Inc.  
Bill Radasky, President, Managing Engineer and EMIIWG Member, Metatech Corporation

[Click here](#) to watch the webinar replay, and [click here](#) to download the PowerPoint slides.



**Did you miss any other SGIP webinars?**

If you missed a webinar that interests you, no worries. You can find recorded webinars and a list of upcoming webinars by [clicking here](#).

## Industry News and Events

### Big Data: Little Orange Button

This session is being presented at the SEPA/SEIA Solar Power Asset Management & Performance conference in San Diego on January 19 to 20, 2017. It will address the challenges of non-standardized data in asset management, the complications that it presents, and examples of situations where standardized data would have provided more effective asset management.

Additionally, the discussion will include a review of the U.S. DOE-funded [SunShot Initiative](#) Orange Button, which “supports the creation and adoption of industry-led open data standards for rapid and seamless data exchange across the solar value chain from origination to decommissioning. Standardizing data will allow for a reduction in soft costs by making it easier to share solar data and speeding up processes like financing. SunShot defines success of this program as the wide adoption of data standards by stakeholders representing at least 60 percent of the U.S. solar industry, in terms of deployed and distributed solar assets.” ([Quote source](#))

**Moderator:**

- Justin Baca, Vice President, Markets & Research, Solar Energy Industries Association

**Speakers:**

- Debbie Brodt-Giles, Digital Assets Supervisor, NREL
- Joe Cunningham, Director of Operations, Sunny Energy
- James Pagonis, Director, PowerHub

- Michelle Savage, Vice President, Communications, XBRL

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### Two Upcoming Meetings to Focus on Synchrophasors and Sensing for Electrical Power Systems (March 21-24, 2017)

Two meetings, to be held at the NIST campus in Gaithersburg, Maryland (March 21-24, 2017) will be of interest to representatives from the utility industry, manufacturers and vendors, academia, national laboratories, government agencies, and standards-making bodies.

On March 22-23, the [North American Synchrophasor Initiative \(NASPI\)](#) will be holding its semi-annual work group meeting. [Details will be available soon](#) on the NASPI website.

On March 24, following the NASPI meeting, NIST will host a workshop on “Advanced Electrical Power System Sensors.” The purpose of this workshop is for NIST and the Department of Energy to get input from industry to help determine research priorities concerning emerging and future sensor, transducer, and transformer technology for use in electrical power transmission and distribution systems. [Agenda and registration details are available online.](#) Registration closes March 17.

## Connect with SGIP



### LinkedIn Update

We encourage our group members to follow our SGIP Company Page to stay up-to-date on the latest SGIP and industry news. If you don't already, [Follow Us](#) today.

Visit Our Website

Smart Grid Interoperability Panel | 401 Edgewater Place, Suite 600 | Wakefield, MA 01880

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