



Advancing Grid Modernization



August 18, 2016

President's Update



Members,

It's hard to believe, but we're only a few months away from the [SGIP 2016 Grid Modernization Summit](#) in Washington, D.C. on November 7th-10th. With executive panels, networking, Vendor Expo, and our Face-to-face Technical Working Group and Committee meetings, our annual summit is key networking and information exchange.

This year's summit theme is "Accelerating Transformation," where industry thought leaders will discuss transformative solutions to new challenges. If you haven't yet registered for the summit, [please do so today](#). Registration fees increase after September 15th.

SGIP key focus areas will be showcased at the summit. Here are a few

highlights:

The smarter the grid, the greater the need for cybersecurity

Cybersecurity maybe the one of the biggest hurdles facing accelerating grid transformation. The Industrial Control systems Cyber Emergency Response Team (ICS-CERT) reported that it responded to 295 cyber incidents in fiscal year 2015, up 20 percent from the prior year.

The more connected we make the grid, the more entry points we need to protect. Cybersecurity solutions in OpenFMB will be highlighted during the OpenFMB Technical Working Group meeting on Thursday November 10th at our annual summit and will be a theme, throughout the [vendor expo](#).

New markets and new revenue models

Grid modernization is not only driven by technology, but by business transformation as well. For example, the amount of solar on residential rooftops grew by 50 percent in 2015, according to a report by the Smart Electric Power Alliance (SEPA). This has caused some utilities to consider adding solar-specific charges or raising general fixed service charges. "The Managing Change in the New Energy Economy" panel will discuss the changing the energy ecosystem.

Distributed resources

Now that the "smart grid" is beginning to transform into the "intelligent grid" or "grid modernization," grid operators are beginning to tell their story of automation. What are we learning from taking the grid from where it was to where it is going? The "Managing Change with Distributed Resources" panel at the executive forum should provide some answers.

In addition, SGIP's utility focused Grid Management Working Group, which addresses the management of increasingly complex grids due to the rapid rise of Distributed Energy Resources (DERs), will meet at the summit on Monday November 7th.

Keynote Speakers

- David Velazquez, President and CEO of Pepco, will do our opening keynote on November 8th
- Anne Pramaggiore, President & CEO, of ComEd will speak at lunch on November 8th
- Ralph LaRossa, President & COO of PSEG, will keynote on November 9th

New Solar Contest! \$25K in Prizes

We are going to award \$25K in prizes at our 2016 Grid Modernization Summit as part of the IOT Data Interoperability for Climate Change Contest.

The objective of this contest is to promote open data standards and enable data interoperability by contributing towards widely adopted and implemented data exchange capabilities between multi-industry stakeholders. Show us your ideas and the art of the possible while also helping us to depict standard ways of sharing solar data. [Click here](#) for details. Winners will be announced at the SGIP 2016 Grid Modernization Summit, Tuesday, November 8th at the Awards Dinner. Prize money is courtesy of Wells Fargo.

Welcome NextEra Energy

Join me in welcoming NextEra Energy to SGIP. NextEra Energy is a leading clean energy company with some 14,300 employees in 27 states and Canada. We're delighted to add you to the SGIP community.



Sharon Allan
President and CEO

Announcements

SGIP Committee Leaders: Get Ready for the Grid Modernization Summit

If you are a Chair or Co-Chair of any SGIP technical working group or standing committee that will meet at the 2016 Grid Modernization Summit in Washington, D.C. on November 7-10, please send a 100-word description of your F2F meeting to Gabrielle Puccio, VP of Member and Public Affairs, at gpuccio@sgip.org. >> [Learn More](#)

Most of all, please plan to attend the Grid Modernization Summit and engage with your colleagues for your annual face-to-face meetings. Register [here](#) before September 15th for the lowest rates.

Introducing the 2016 SGIP Members Choice Awards

At the [Grid Modernization Summit](#) in November, SGIP members will have a say in recognizing each other's contributions in the first annual SGIP Members Choice Awards. In addition to the President's Award at the Summit, the Members Choice Awards will congratulate standout achievements in interoperability. The awards will be for the following four categories:

1. **The Erich Gunther Most Committed Interoperability Ambassador**
2. **Best Contributor to Collaboration**
3. **Most Innovative Solution**
4. **Best Interoperability Demonstration Project**

If you haven't yet, members and non-members can register for the Grid Modernization Summit [here](#).

LEARN MORE

PMO Update from Aaron Smallwood, SGIP Director of Technology Operations

Update on Orange Button Technical Working Groups

After the successful Orange Button Kickoff meeting held in July, all five Technical Working Groups convened for their bi-weekly conference calls to discuss market requirements. The Orange Button program is well underway and we are pleased with the participation and collaboration.

On August 30, 2016, there will be a public webinar with an Orange Button program update. [Click here to register](#).

OpenFMB In-Person Meeting

The next OpenFMB face-to-face meeting is scheduled for Wednesday, August 24th at Duke Energy's Mt. Holly facility. This meeting will focus on finalizing the use case and execution plan for the live OpenFMB demonstration during the Vendor Expo at SGIP's 2016 Grid Modernization Summit in November. [Click here for more details about the OpenFMB meeting, demo participation, and the Vendor Expo](#).



LEARN MORE

Member Spotlight

Each month, SGIP shines the spotlight on a member who is making an impact in his or her professional field and association. These members exemplify the mission of SGIP to advance grid modernization.



Greg Myers, Sensus

Greg is Vice President of Strategic Solutions and Partnerships at Sensus. He drives the creation of new solutions for customers and works with consultants, system integrators and industry analysts. He holds a BS in Electrical Engineering from WVU Institute of Technology and an MBA from The Johns Hopkins University.

>>> [Click here to read Greg's Member Spotlight](#)

SGIP News

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, VP of Member and Public Affairs, at gpuccio@sgip.org.

Leadership Positions Open in the Smart Grid Architecture Committee

Ron Cunningham, IT Enterprise Architect at American Electric Power, has completed his term as Chair of the Smart Grid Architecture Committee (SGAC). While Cunningham will continue supporting the SGAC as a member, other members of the committee are now able to run for Chair, as well as Vice-Chair and Secretary.

>> [Click here for more information](#)

Art of the Possible: IOT Data Interoperability for Climate Change Contest

Have a great idea? Show us your brilliance! If you have a great idea for solar data exchange, share it as part of the IOT Data Interoperability for Climate Change Contest. Hopefully you'll receive one of 25 awards for \$1,000 each! Submissions deadline for entrants to apply is September 11.

Want to participate? [Click here to learn how](#). Good luck!

Don't Forget the SGIP 2016 North American Grid Modernization Test Bed Survey

SGIP wants you to contribute to its North American Grid Modernization Test Bed Survey. Take a look at last year's report and let us know how you think we could improve it, what else you'd like to see in the report, and if you'd like to be involved!

Please let us know:

- Do you have a test bed that we didn't include in last year's report?
- Do you know of a test bed we missed?
- Are there specific areas of research you'd like us to include in the survey?
- Are there questions we didn't ask, but should?

Send your replies to Aaron Smallwood (asmallwood@sgip.org), SGIP's Director of Technical Operations. We are currently conducting the next test bed survey, but it's not too late to join. Help us make it a useful tool for you and your fellow SGIP members.

SGIP-Speaking Events

Smart Water Summit

Sept 7-10, 2016, Orlando, FL, USA

Gabrielle Puccio, Vice President of Member and Public Affairs at SGIP, will speak at the Smart Water Summit in Orlando, FL.

>> [Click here](#) to see the event website.



SGIP-Hosted Events

Grid Management Meeting Focused on Microgrid Functions/Operations

August 25, 2016— This utility-only meeting will meet to focus on requirements for DER control functions in microgrids. The meeting will be hosted by Duke University in Charlotte, NC. Interested utilities should contact Sharon Allan at sallan@sgip.org.

[Click here](#) for more information and to register.

Grid Management Meeting on Control/Dispatch

September 22, 2016—This utility-only meeting will focus on control/dispatch with high penetration of DERs. Meeting details are forthcoming. Interested utilities should contact Sharon Allan at sallan@sgip.org.

[Click here](#) to see more and to register.

Register for the Orange Button Public Webinar Orange Button Program Update: August 30, 1:00 PM EDT

Please join this public webinar on Tuesday, August 30 at 1:00 p.m. EDT as [Orange Button](#) leaders provide a program update, present the Orange Button program's structure and objectives, and discuss progress made towards standardizing solar data and reducing soft costs.



KEY TAKEAWAYS:

- Orange Button program overview
- Recent program milestones and deliverables
- Status of Orange Button Requirements and Technical Working Groups
- Orange Button next steps and how to register to participate in the Orange Button program.

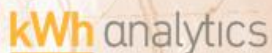


Register Now

SPEAKER PANEL:

- [Aaron Smallwood](#), Director of Technology Operations, SGIP
- [Anil Pochiraju](#), Director of Products & Projects, SunSpec Alliance

> > [Find out more information here](#)



Recent Webinars

Did you miss one of our recent SGIP webinars?

Members have been hard at work presenting on hot topics like new standards, the OpenFMB technical framework for field devices, and the Orange Button Initiative to streamline the exchange of solar data.

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

NIST/IEEE Workshop, "Timing Challenges in the Smart Grid," October 2016

October 26, 2016, Gaithersburg, Maryland, USA
The National Institute of Standards and Technology (NIST) will host an NIST/IEEE (Institute of Electrical and Electronics Engineers) Workshop titled "Timing Challenges in the Smart Grid" in Gaithersburg, Maryland on October 26, 2016. The goals of the workshop are to clearly identify and analyze...

> > [Keep Reading](#)

SAVE THE DATE: Grid Modernization Interoperability Strategic Vision Meeting

September 27-28, 2016, Chicago, Illinois, USA
Under its Grid Modernization Initiative, the U.S. Department of Energy (DOE), in collaboration with energy industry stakeholders, has developed a multi-year plan to modernize the electric grid. Join the DOE's project to advance one of the foundational topics that could accelerate modernization efforts: interoperability.

> > [Learn More](#)

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.

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

STAY CONNECTED

