



THE CONDUCTOR

SGIP NEWS UPDATES

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Register today!

Upcoming Events

April 2-4: "Creating Next Generation Systems" XI-CIINDET 2014 – Cuernavaca, Mexico. **SGIP Speakers:** Ralph Mackiewicz, SISCO, Inc. and Patrick Gannon, SGIP, with the Keynote Address.

NEW PUBLICATION: User's Guide to NISTIR 7628 - Smart Grid Cyber Security Implementation Guidelines

The Smart Grid Cybersecurity Committee (SGCC) has completed its valuable work on the NISTIR 7628 User's Guide, which relates to cybersecurity risk management practices.

NISTIR 7628 USERS GUIDE OVERVIEW		3
The Users Guide contains activities that include brief descriptions, steps to complete the activities and example artifacts:		
Activity 1	Identify smart grid organizational business functions.	
Activity 2	Identify smart grid mission and business processes.	
Activity 3	Identify smart grid systems and assets.	
Activity 4	Map smart grid systems to logical interface categories.	
Activity 5	Identify smart grid high-level security requirements.	
Activity 6	Perform a smart grid high-level security requirement gap assessment.	
Activity 7	Create a plan to remediate the smart grid high-level security requirement gaps.	
Activity 8	Monitor and maintain smart grid high-level security requirements.	

The User's Guide was developed in partnership with multiple utilities including DTE Energy, Florida Power & Light and Pacific Gas & Electric, and is designed to aid them in choosing and applying appropriate cybersecurity guidance found in NISTIR 7628 Volume 1 to Smart Grid systems.

DOWNLOAD AVAILABLE AT SGIP.ORG

Smart Grid in India



by Dr. Robby Simpson

This past month, SGIP Board of Directors Member, Dr. Robby Simpson, GE Digital Energy, was invited to participate in the International Conference on Standards for

Smart Grid Ecosystem, sponsored by the India Smart Grid Forum (ISGF) and IEEE-SA. The conference was held at India's Central Power Research Institute (CPRI) in Bangalore, India. In his own words, a brief synopsis of the visit:

On March 7, I presented "SGIP: Accelerating the Smart Grid," which

April 14-17: 2014 IEEE PES Transmission & Distribution Conference & Exposition – McCormick Place, Chicago, IL. **SGIP Speakers:** John McDonald, GE, Erich Gunther, EnerNex

April 24: SGIP Webinar on Framework for Improving Critical Infrastructure Cybersecurity. Register.

April 29: SGIP Webinar - "Ask the Experts" on MultiSpeak v3.0

May 5-8: Spring 2014 Members Meeting, Denver, CO. [View agenda.](#)

**NEW
WEBSITE
COMING
SOON...**

Launching in April.

gave an overview of SGIP and its activities. During the presentation, I highlighted the important role that SGIP plays in coordinating the development of Smart Grid standards and facilitating dialogue amongst the various stakeholders – a unique contribution to the development of Smart Grids. [CONTINUE READING](#)

April Webinar: Framework for Improving Critical Infrastructure Cybersecurity



LIVE FREE WEBINAR: APRIL 24

Smart Grid Interoperability Panel presents a Cybersecurity Focus Educational Event
FRAMEWORK FOR IMPROVING CRITICAL INFRASTRUCTURE CYBERSECURITY
THURSDAY, APRIL 24, 1-2PM ET YOU MUST REGISTER TO ATTEND

Similar to financial and reputational risk, cybersecurity risk affects a company's bottom line. It can drive up costs, impact revenue, harm an organization's ability to innovate and impact its ability to gain and retain customers. To better address these risks, President Obama issued Executive Order 13636, "Improving Critical Infrastructure Cybersecurity" in February 2013.

Utilities, manufacturers, and regulators are invited to have representatives from their organization participate in this webinar which will explore the latest information in the energy sector on cybersecurity frameworks, implementation activities and recommended guidance.

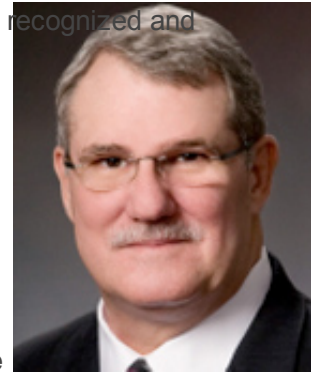
Moderated by Victoria Pillitteri, Smart Grid Cybersecurity Committee chair, the session will feature three panelists:

- Adam Sedgewick, Senior Information Technology Policy Advisor, National Institute of Standards and Technology (NIST)
- Kevin Stine, Manager, Security Outreach and Integration Group, Computer Security Division, Information Technology Laboratory, NIST
- Aklesh Kaushiva ,P.E., Office of Electricity Delivery and Energy Reliability, Department of Energy

This SGIP-hosted webinar is offered at no charge and open to the public but you must register to attend. [REGISTER OR LEARN MORE.](#)

Member Spotlight: Rik Drummond, The Drummond Group

Drummond Group, Inc. is an internationally recognized and accredited test lab and certification body supporting the retail, financial, power, cybersecurity and healthcare industries. We took some time to speak with Rik Drummond, CEO of the Drummond Group about the value of the company's SGIP membership.



Why does your organization participate in SGIP?

SGIP is a nexus point of ideas and information from both the government and private sector. Drummond Group's membership with SGIP allows us to remain in the forefront of testing and certification programs.

As a member, what sort of Smart Grid industry trends do you see that are most important to you?

The industry must maintain a balance among reliability, availability and retail price from consumers' point of view, in addition to the federal government's point of view.

There is significant industry focus on reliability and availability through general interoperability and cybersecurity efforts. There is little visible concern for predicted price increases for residential and business customers. Energy price increases can impact jobs, and reduce the United States' ability to compete internationally. **CONTINUE READING**

Tackling Interoperability in Storm Outage Restoration

The Business and Policy (BnP) DEWG meeting on March 17 included a roundtable discussion on "Storm Outage and Standards" and addressed the issue from different perspectives. Several municipalities and public service commissions were in attendance. The discussion was led by three panelists who provided brief presentations of the importance of standards in addressing storm outage restoration:

- Becky Harrison, CEO, GridWise Alliance
- John Simmins, Technical Executive, Information and Communication Technology for Smart Distribution Systems, Electric Power Research Institute (EPRI)
- Michael Worden, Deputy Director of Office of Electricity, NY State Public Service Commission

The conversation was prompted by a joint Statement of Action on “Interoperability in Storm Outage Restoration and Mutual Aid Assistance” which was recently introduced to the members of National Association of Regulatory Utility Commissioners (NARUC) Committees on Electricity, Critical Infrastructure, and the Energy Resources and Environment. **CONTINUE READING**

Two More Added to Catalog of Standards

Last week, SGIP members received a special announcement that two more entries were approved for the Catalog of Standards.

OpenADR 2.0 Profile A and Profile B

The OpenADR 2.0 profile specification is an implementation standard to facilitate common information exchange between electricity service providers, aggregators, and end users. A specific application area of interest is demand response. The concept of the specification aims to implement twoway signaling systems, providing the notion of servers, which publish information (Virtual Top Nodes or VTNs) and clients, which subscribe the information (Virtual End Nodes, or VENs).

This OpenADR 2.0 profile specification covers the signaling data models between VTN and VEN (or VTN/VEN pairs) and does include information related to specific demand response electricity reduction or shifting strategies, which are taken at the facility. In particular, OpenADR 2.0 supports the following services from OASIS EI Version 1.0 standard or subset thereof.

Smart Energy Profile 2.0 Application Protocol Specification (IEEE-2030.5-2013)

Specification to define the messages exchanged between devices that implement the Smart Energy Profile, thereby delivering on the requirements in the Smart Energy Profile 2.0 Marketing Requirements Document [ZBHP MRD] and the Smart Energy Profile 2.0 Technical Requirements Document [ZB 095449], and enabling an interoperable eco-system of Smart Energy devices.

Congratulations to PAP-09 and PAP-19 working group members for your efforts and accomplishing your objectives.

Join us in Denver! Register today!



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401 Edgewater Place, Suite 600
Wakefield, MA 01880

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