**NEWS & ALERTS FROM THE SMART GRID INTEROPERABILITY PANEL (SGIP)**

**Wednesday, September 12, 2012**

**Reminder: Plenary Meets This Friday at 1p.m. Eastern**

A reminder that the SGIP Plenary Meeting will be held this Friday, Sept. 14th at 1pm to 3pm Eastern. Scheduled agenda items include SGIP 2.0 transition progress and membership campaign, updates from the Standing Committees, NIST update from Dr. George Arnold, Catalog of Standards and more.

**TO REGISTER:** [https://www2.gotomeeting.com/register/444978162](https://www2.gotomeeting.com/register/444978162). Attendance is mandatory for Participating Member organizations as it pertains to voting rights (learn more at [http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/SGIPVotingGuide](http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/SGIPVotingGuide)).

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**Governing Board Briefed on Key Issues; Transition to SGIP 2.0 Moves Forward**

At its September 6 virtual meeting, the Governing Board of the Smart Grid Interoperability Panel (SGIP) received reports and updates on a range of key issues: the transition to SGIP 2.0, the Administration’s Energy Data Initiative, the Catalog of Standards, the Gas Infrastructure Working Group, and international outreach.

**Transition to SGIP 2.0**

The Governing Board reviewed reports from Scott Ungerer (Chair, Business Sustainment Plan Working Group) and Paul Molitor (Transition Manager) outlining the considerable progress achieved since the Board’s approval, at its last meeting, of the business sustainment plan. The goal in the coming months is “to transition the SGIP to a self-sustaining entity as smoothly as possible while preserving the mission, values, and spirit of the unique organization our members have created.”

As summarized in an update sent August 30 to all SGIP members, the framework of the new organization has now been established, and key leaders have been named. The SGIP 2.0’s Board of Directors and its five board committees have each begun meeting regularly to flesh out and implement a detailed, fully integrated transition plan. The SGIP Plenary, at its upcoming September 14 meeting, will learn about a membership campaign and about member opportunities to shape the new organization and to actively participate in its activities.

**Green Button—PAP 20 and the Energy Data Initiative**

The Governing Board was briefed on recent progress with the Green Button Initiative by David Wollman (NIST, PAP 20 lead). This high-visibility initiative, including both the “Green Button Download My Data” and “Green Button Connect My Data” programs, continues to gather national momentum. SGIP’s work on energy usage information standards, begun with PAP 10 and continuing now with PAP 20, continues to develop and provide the technical foundation which underlies these efforts. Recent PAP 20 activities include consensus requirements development, work within NAESB on standards revisions, and efforts within UCAIug/OpenADE on testing and certification.

The Green Button Initiative provides a good example of a much larger national policy, the Open Data Initiative, which includes the Energy Data Initiative. The Energy Data Initiative, outlined to the Governing Board in a presentation by Ian Kalin (Presidential Innovation Fellow, DOE), seeks to “liberate” government data and voluntarily-contributed non-government data as fuel to spur entrepreneurship, create value, and create jobs in the transition to a clean energy economy.
The components of the Energy Data Initiative include data ops (such as data collection and assessments, including smart disclosure activities), events (such as two “Energy Data Jams” held earlier this year and an “Energy Datapalooza” now being planned), and support (such as commercialization support and Green Button support). For those interested in learning more, Kalin pointed to three engagement pathways:

- OpenEI (en.openei.org, a knowledge-sharing online community dedicated to connecting people with the latest energy information and data);
- energy.data.gov (a “discovery engine” for datasets, tools, apps, maps, and resources); and
- energy.gov (DOE’s public-facing website).

Expansion of Catalog of Standards
The Project Management Office (PMO) reported that, in the vote concluded on September 5, the SGIP Plenary membership voted to include 11 more standards in the Catalog of Standards. This brings to 39 the number of standards or standards components now included in the Catalog. The PMO reported that 10 more standards are nearing completion of the review process and are likely to be presented to the Governing Board at its next meeting on October 18.

The 11 newly added standards are the following:

- IEC 60870 Standards Family (3 Parts): Telecontrol protocols compatible with ISO standards and ITU-T recommendations
- NISTIR 7628: Guidelines for Smart Grid Cyber Security
- ANSI C12 Standards Family (6 Parts): American National Standards for Electricity Meters
- IEC 61850-90-5: Communication Networks and Systems for Power Utility Automation

View Catalog of Standards: [http://collaborate.nist.gov/twiki-sgrid/bin/view/SmartGrid/SGIPCoSStandardsInformationLibrary](http://collaborate.nist.gov/twiki-sgrid/bin/view/SmartGrid/SGIPCoSStandardsInformationLibrary)

Launch of Gas Infrastructure Working Group
The Gas Infrastructure Working Group, created to address the intersection and interdependence of gas and electric system interoperability standards, is now meeting regularly (next meeting is scheduled for September 19) and continues its outreach for participation by all relevant stakeholder groups. Issues being discussed include ANSI C-12 and MultiSpeak standards; cybersecurity; and gas-electric interactions across generation, transmission, and distribution domains. Interested parties are encouraged to visit its Twiki page ([http://collaborate.nist.gov/twiki-sgrid/bin/view/SmartGrid/NaturalGasWG](http://collaborate.nist.gov/twiki-sgrid/bin/view/SmartGrid/NaturalGasWG)) and join the group’s listserv.

International Outreach
The depth and breadth of international outreach and partnerships continue to grow, from Europe to Asia to South America:

- The interaction between SGIP and Europe’s Smart Grid Coordination Group (SG-CG) now includes regular meetings on issues related to Smart Grid Reference Architecture and Architecture Methodology (SGAM). A joint workshop is being planned by the architecture working groups from SGIP, SG-CG, and the International Electrotechnical Commission (IEC).
- A joint workshop with the Korea Smart Grid Standardization Forum (KSGSF) will be held on December 7, immediately following the Grid-Interop 2012 conference in Irving, TX.
- A Letter of Intent with Colombia’s national standards organization, ICONTEC, is nearly finalized, with a formal signing ceremony being planned for the Grid-Interop conference in December.
- Recent meetings with interested Smart Grid leaders from Mexico, Argentina and Israel have opened discussions on possibilities for future cooperation.
Industry Recognizes SGIP, Green Button and Pecan St. at GridWeek

GridWeek advisory board to recognize three industry-leading Smart Grid initiatives

A dozen companies collaborating to validate consumer Smart Grid technologies. Nearly 800 organizations driving the completion of priority Smart Grid standards. A White House-driven initiative empowering consumers with standardized energy data in nearly 31 million homes and businesses in 2012.

What do these initiatives have in common? Each will be recognized for significant Smart Grid achievements at the annual GridWeek, Oct. 2-4, 2012, in Washington, DC. Selected by the 12-member GridWeek Advisory Board, these efforts include:

**The Smart Grid Interoperability Panel -- "Taming Complexity"**: SGIP has conquered complexity to achieve results and drive the progress of industry standards through collaboration and hard work. Since 2009, SGIP has engaged stakeholders from the entire Smart Grid Community -- including a total of 783 organizations -- in a participatory public process to identify applicable standards, gaps in available standards, and priorities for new standardization activities.

**Green Button -- "Smart Policy"**: Following an industry challenge at Gridweek 2011, Green Button has quickly become a nation-wide effort -- with utilities and retail electric suppliers committing to providing “Green Button Download My Data” capabilities to over 31 million homes and businesses in 2012, and with more automated “Green Button Connect My Data” capabilities in development. Green Button is a prime example of how smart policy initiatives and public-private collaboration can help pave the way for Smart Grid’s future.

**Pecan Street -- "Extracting Value"**: Pecan Street brought together the University of Texas at Austin, Environmental Defense Fund, Austin Energy and more than a dozen companies to help validate a range of smart grid technologies, business models, and customer behavior surrounding advanced energy management systems. Pecan Street provides a model for seamlessly tackling -- and deriving value from -- complex Smart Grid challenges through a consumer demonstration project in 450 homes within the Mueller community of Austin, Texas.

VISIT GRIDWEEK WEBSITE: [http://www.gridweek.com](http://www.gridweek.com)

*Contact SGIP Leadership and Administrator at sgipgb.administrator@enernex.com
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