



SMART GRID
INTEROPERABILITY PANEL

SGIP 101 – SGIP MISSION, STRUCTURE, MEMBERSHIP, AND GROUPS

11/30/2011

Dave Mollerstuen, SGIP Plenary Secretary

Grid-Interop 2011

EISA Guidance to NIST and FERC

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NIST (from section 1305 (a) of EISA)

- **INTEROPERABILITY FRAMEWORK**—The Director of the National Institute of Standards and Technology (NIST) shall have primary responsibility to coordinate the development of a framework that includes protocols and model standards for information management to achieve interoperability of Smart Grid devices and systems. Such protocols and standards shall further align policy, business, and technology approaches in a manner that would enable all electric resources, including demand-side resources, to contribute to an efficient, reliable electricity network.

FERC (from section 1305(d) of EISA)

- **STANDARDS FOR INTEROPERABILITY IN FEDERAL JURISDICTION**—At any time after the [NIST's] work has led to sufficient consensus in the Commission's judgment, the Commission shall institute a rulemaking proceeding to adopt such standards and protocols as may be necessary to insure smart-grid functionality and interoperability in interstate transmission of electric power, and regional and wholesale electricity markets.

NIST established the SGIP in 2009 to help fulfill its EISA obligations



SGIP Mission

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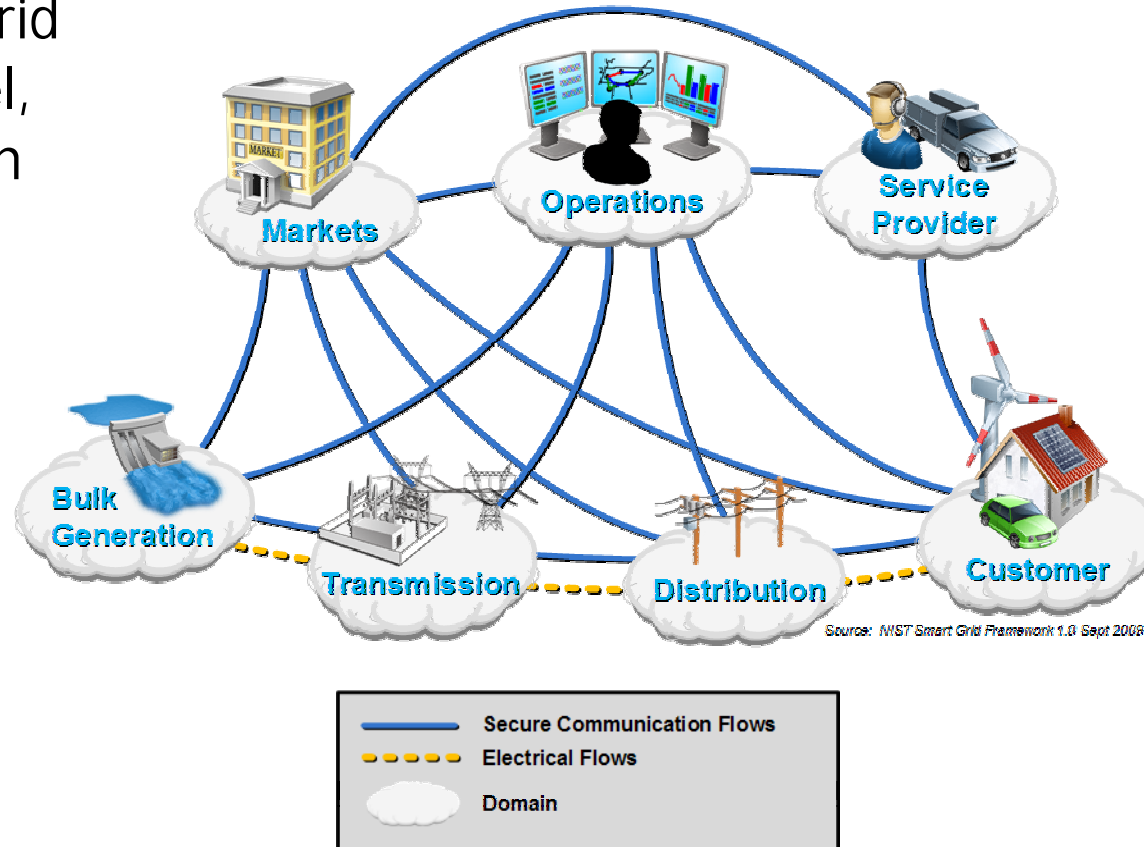
- The mission of the SGIP is to provide a strong framework for coordination of all stakeholders of the Smart Grid to accelerate standards harmonization and development. The SGIP does not write standards, but instead develops and reviews use cases, identifies requirements, and proposes action plans for achieving these goals. The SGIP has three principal responsibilities:
 - To provide the technical guidance necessary to facilitate standards development for the Smart Grid
 - To specify the necessary testing and certification requirements to assess the achievement of interoperability using Smart Grid Standards
 - To oversee the performance of these activities to maintain momentum and achievement.
- NIST Release 1.0 Interoperability Framework and Roadmap published—starting point for SGIP
 - Available at http://www.nist.gov/public_affairs/releases/upload/smartgrid_interoperability_final.pdf
 - Will be reissued as needed to reflect SGIP results and recommendations



Smart Grid Conceptual Model

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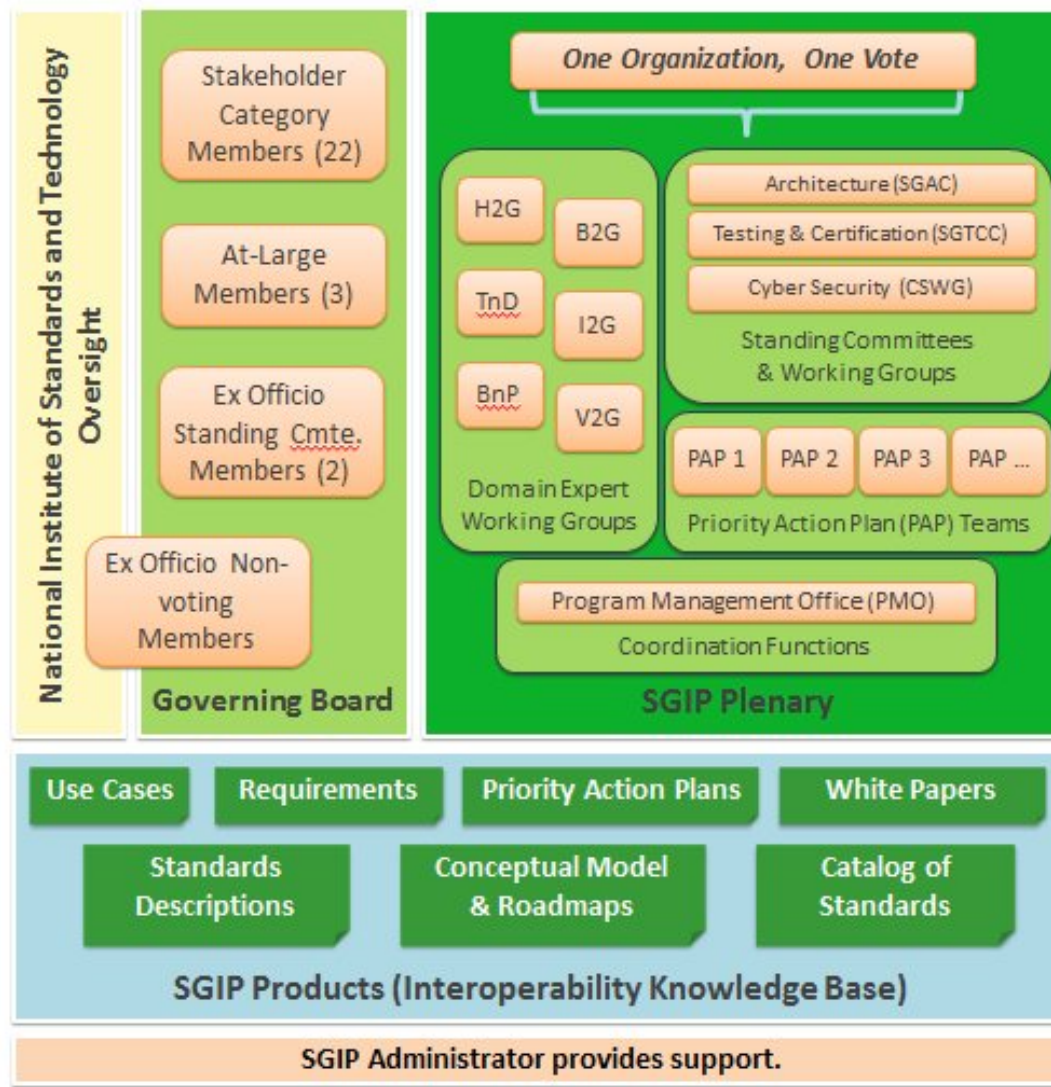
The SGIP Smart Grid Conceptual Model, showing the seven "domains" of the Smart Grid



(<http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/SGConceptualModel>)

SGiP Structure

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SGiP member companies work in teams



to produce work products



SGIP Stakeholder Categories

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1	Appliance and Consumer Electronics Providers	12	Power Equipment Manufacturers and Vendors
2	Commercial and Industrial Equipment Manufacturers and Automation Vendors	13	Professional Societies, Users Groups, Trade Associations and Industry Consortia
3	Consumers – Residential, Commercial and Industrial	14	R&D Organizations and Academia
4	Electric Transportation Industry Stakeholders	15	Relevant Federal Government Agencies
5	Electric Utility Companies – Investor Owned Utilities (IOU) and Publicly Owned Utilities	16	Renewable Power Producers
6	Electric Utility Companies - Municipal (MUNI)	17	Retail Service Providers
7	Electric Utility Companies - Rural Electric Association (REA)	18	Standard and Specification Development Organizations (SDOs)
8	Electricity and Financial Market Traders (Includes Aggregators)	19	State and Local Regulators
9	Independent Power Producers	20	Testing and Certification Vendors
10	Information and Communication Technologies (ICT) Infrastructure and Service Providers	21	Transmission Operators and Independent System Operators (ISOs)
11	Information Technology (IT) Application Developers and Integrators	22	Venture Capital

SGiP Membership

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- Membership is open to any organization whose interests fall into one of the Stakeholder Categories
 - Divisions, subsidiaries, committees of organizations, etc. are part of their parent organizations, and are not considered organizations for SGiP purposes
 - Organizations may declare membership in 1 of 22 stakeholder categories
- Two membership types
 - Participating Members – Proposals, Direction, and Voting
 - Observing Members – Attendance and Input, no voting privileges
- Requirements for maintaining Participating Member status:
 - Attendance and Participation is an obligation of membership
 - Membership can be revoked if an organization misses two consecutive Plenary meetings or does not vote in two consecutive ballots



SGiP Membership

as of 11.28.11

- Total # of Member Organizations: 728
 - # of Participating Member Organizations: 394
 - # of Observing Member Organizations: 334
 - # of Organizations who joined in November: 5
- Total # of Individual Members*: 1,885
- # of Organizations by Country

USA: 643	North America (non-US): 33
Europe: 23	Asia: 21
Oceania: 6	South America: 1
Africa: 1	

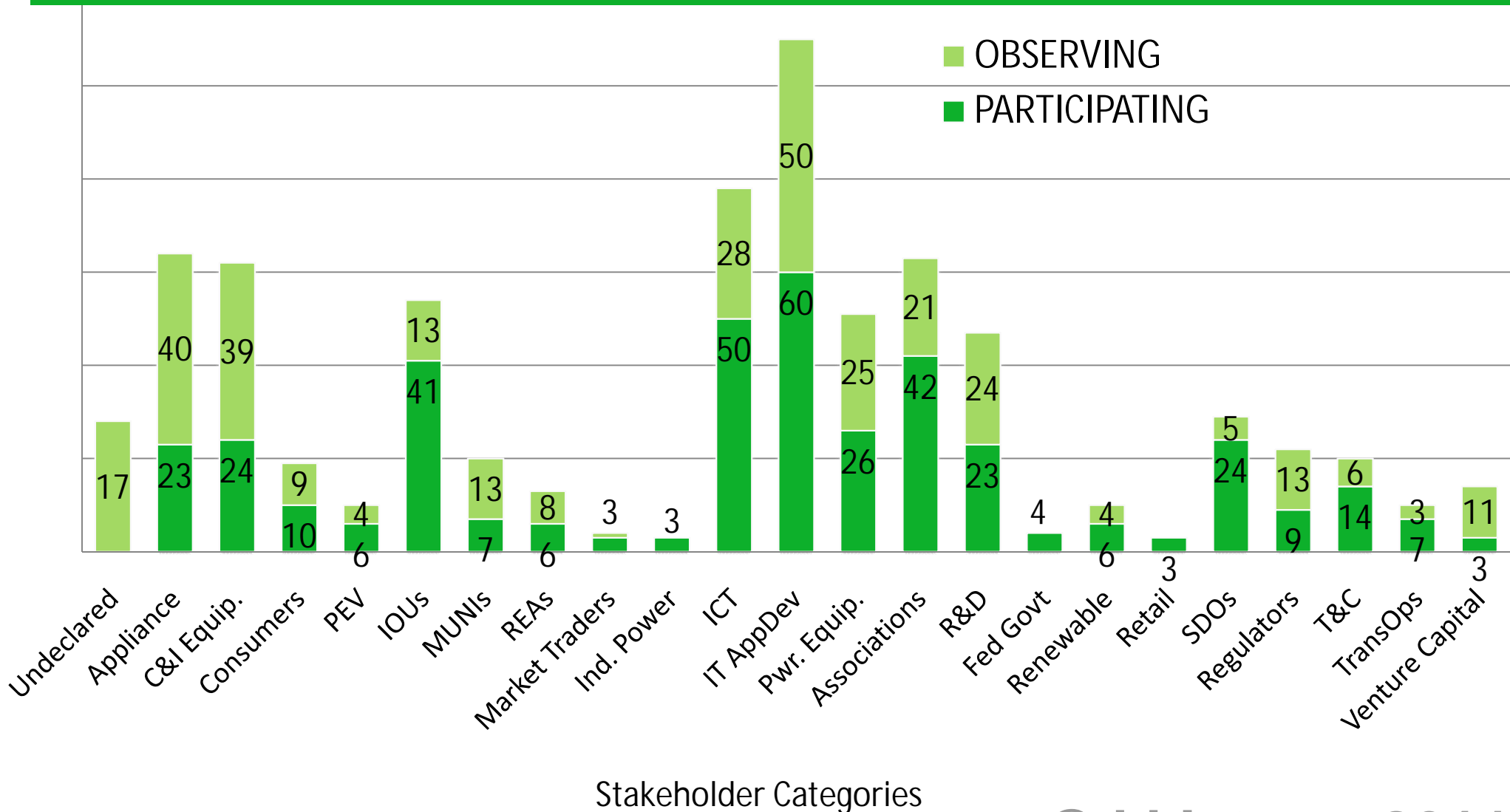
* Omits non-active Signatory Authorities. Loss is due to deletion of members no longer employed by the member company.



SGIP Membership

as of 11.28.11

Member Organizations by Declared Stakeholder Category



SGiP Voting

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- SGiP is a consensus-based organization
 - Voting used to mark important milestones or when otherwise required
- Each SGiP Participating Member organization has one vote
 - Vote must be cast by identified “Voting Representative” of Participating Member
- All voting is electronic
 - Voting instructions are provided to all members with each ballot
- Voting is an obligation of membership
 - Missing two successive votes is grounds for revocation of Participating Member status



SGiP Principles of Operation

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- Openness – all activities will be open to public attendance
- Balance – representations across multiple industry segments
- Consensus – general agreement of the members (not unanimity)
- Harmonization – work will proceed with the participation of multiple standards setting organizations



Administrator

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- Assists NIST in operating SGiP
- Provides Technical and Logistical Support
 - Manage internal operation of SGiP
 - Arrange human and financial resources in support of SGiP
 - Originally a NIST contractor
 - Ex-officio, non-voting member of the Governing Board
- Currently: EnerNex

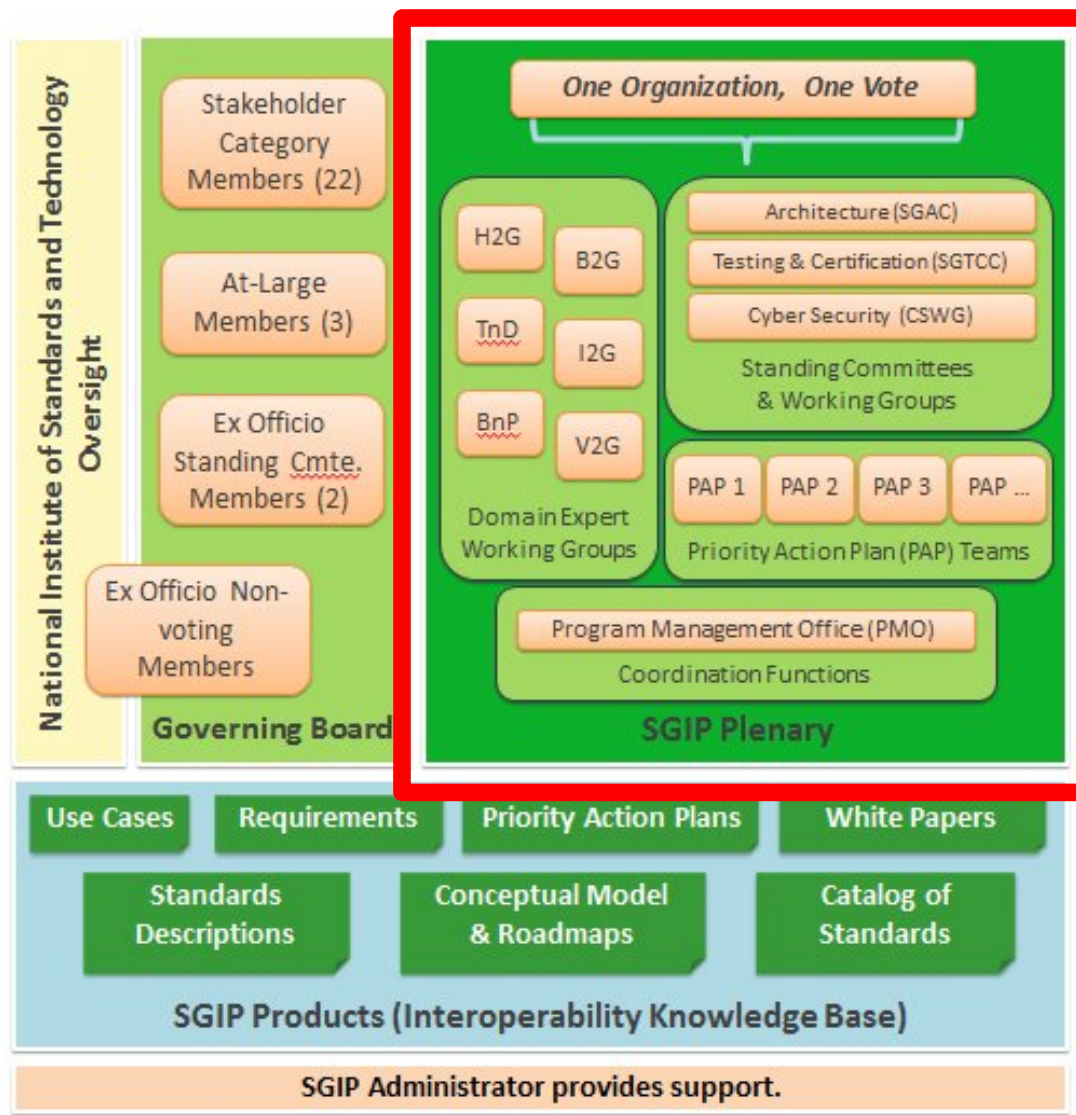


SGIP 101 – PLENARY ORGANIZATION



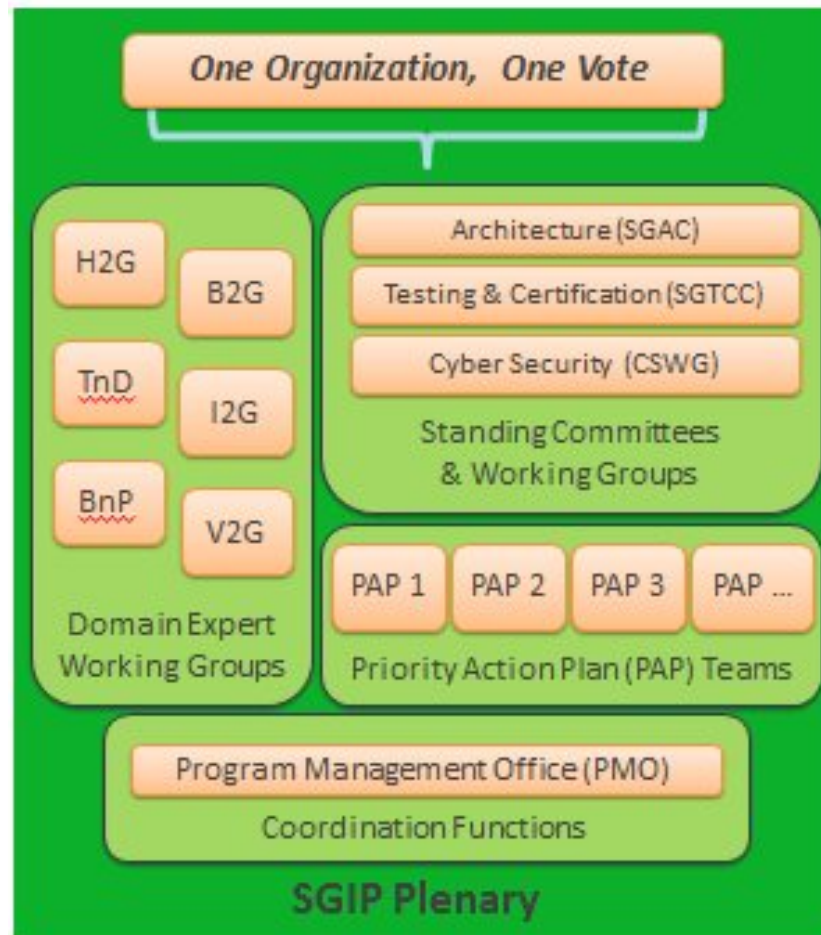
SGIP Plenary Structure

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SGIP Plenary Structure

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Priority Action Plans

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- PAPs are project activities focused on identifying requirements for standards in all areas of the Smart Grid
- PAPs engage standards organization to facilitate development of standards

THE CURRENT PRIORITY ACTION PLANS

The [priority action plans](#) page provides a guide to the function and operation of these plans.

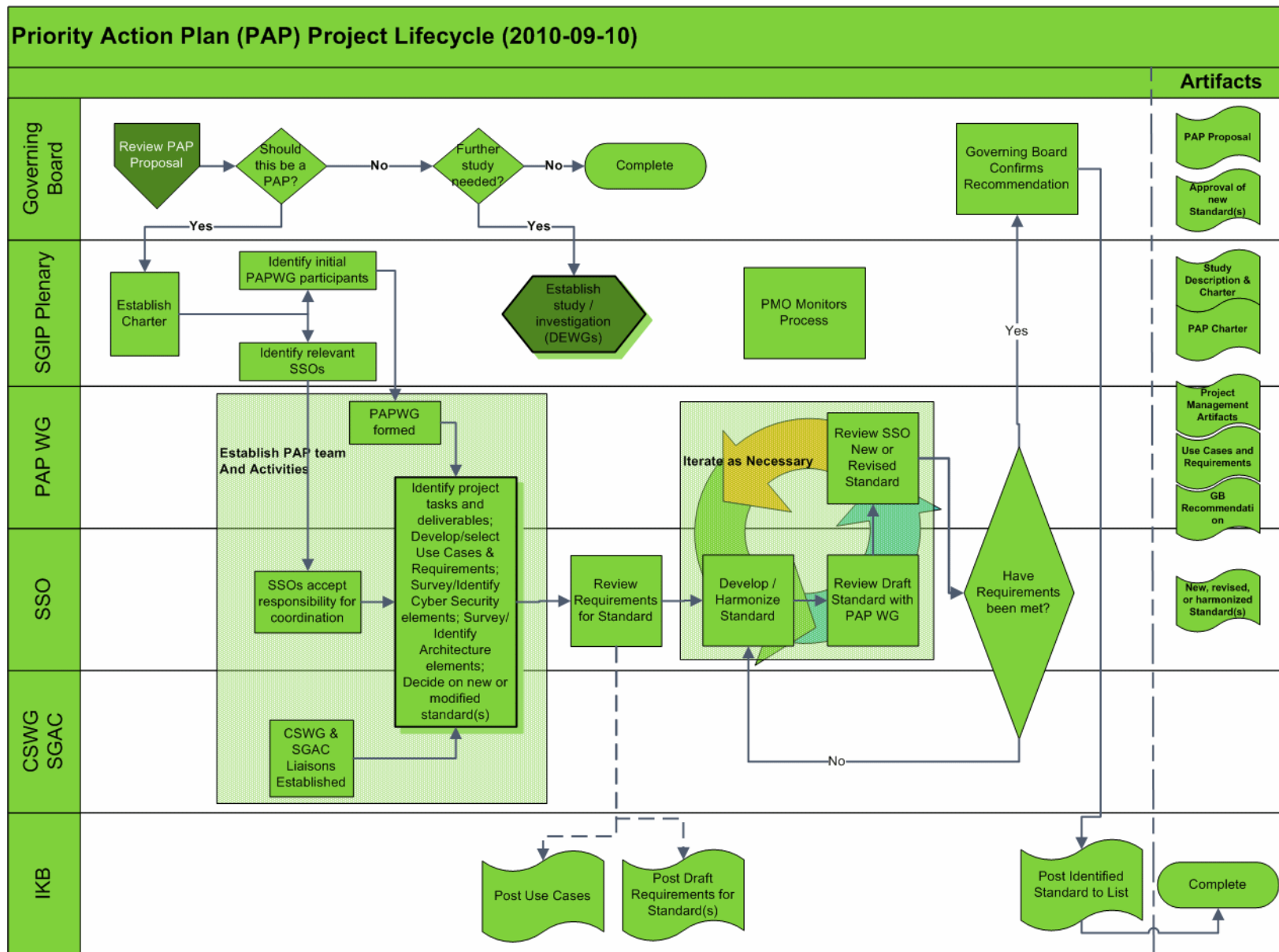
#	Priority Action Plan	#	Priority Action Plan
		1	Role of IP in the Smart Grid
2	Wireless Communications for the Smart Grid	3	Common Price Communication Model
4	Common Schedule Communication Mechanism	5	Standard Meter Data Profiles
6	Common Semantic Model for Meter Data Tables	7	Electric Storage Interconnection Guidelines
8	CIM for Distribution Grid Management	9	Standard DR and DER Signals
10	Standard Energy Usage Information	11	Common Object Models for Electric Transportation
12	Mapping IEEE 1815 (DNP3) to IEC 61850 Objects	13	Harmonization of IEEE C37.118 with IEC 61850 and Precision Time Synchronization
14	Transmission and Distribution Power Systems Model Mapping	15	Harmonize Power Line Carrier Standards for Appliance Communications in the Home
16	Wind Plant Communications	17	Facility Smart Grid Information Standard
18	SEP 1.x to SEP 2 Transition and Coexistence		

<http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/PriorityActionPlans>



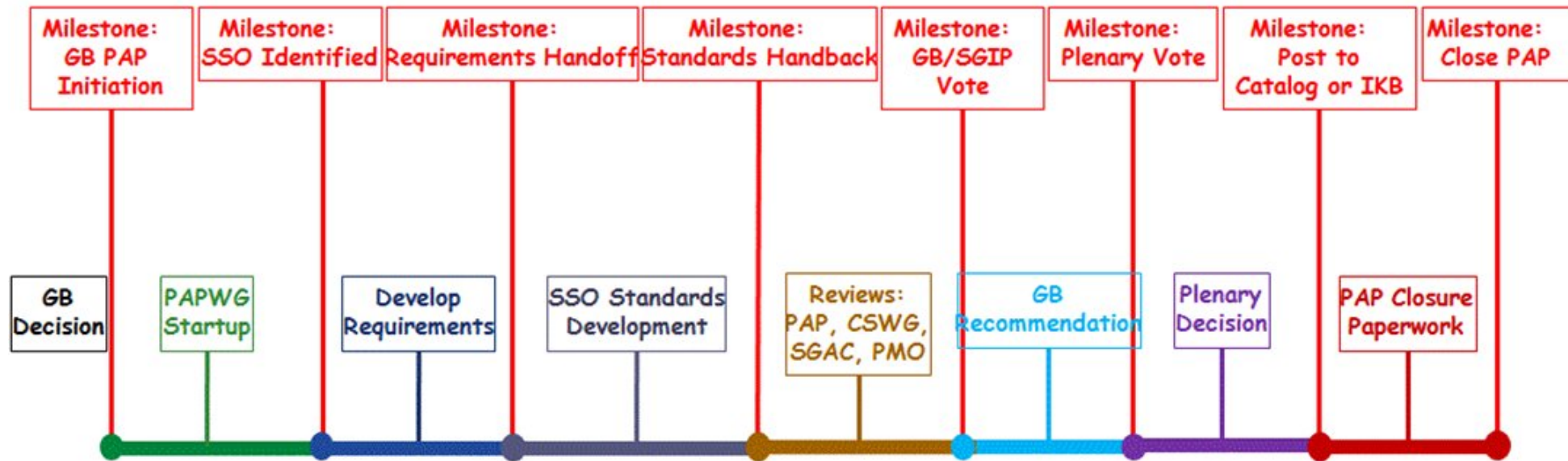
PAP Project Lifecycle

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PAP Lifecycle Example

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http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/PMO#PAP_Timeline

Standing Committees & Working Groups

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- Program Management Office (PMO)
- Standing Committees
 - Smart Grid Architecture Committee (SGAC)
 - Smart Grid Testing and Certification Committee (SGTCC)
- Permanent Working Groups
 - CyberSecurity Working Group (CSWG)
- Domain Expert Working Groups (DEWGs)
 - transmission and distribution (TnD)
 - home-to-grid (h2g)
 - building-to-grid (b2g)
 - industry-to-grid (i2g)
 - vehicle-to-grid (pevtg)
 - business and policy (BnP)

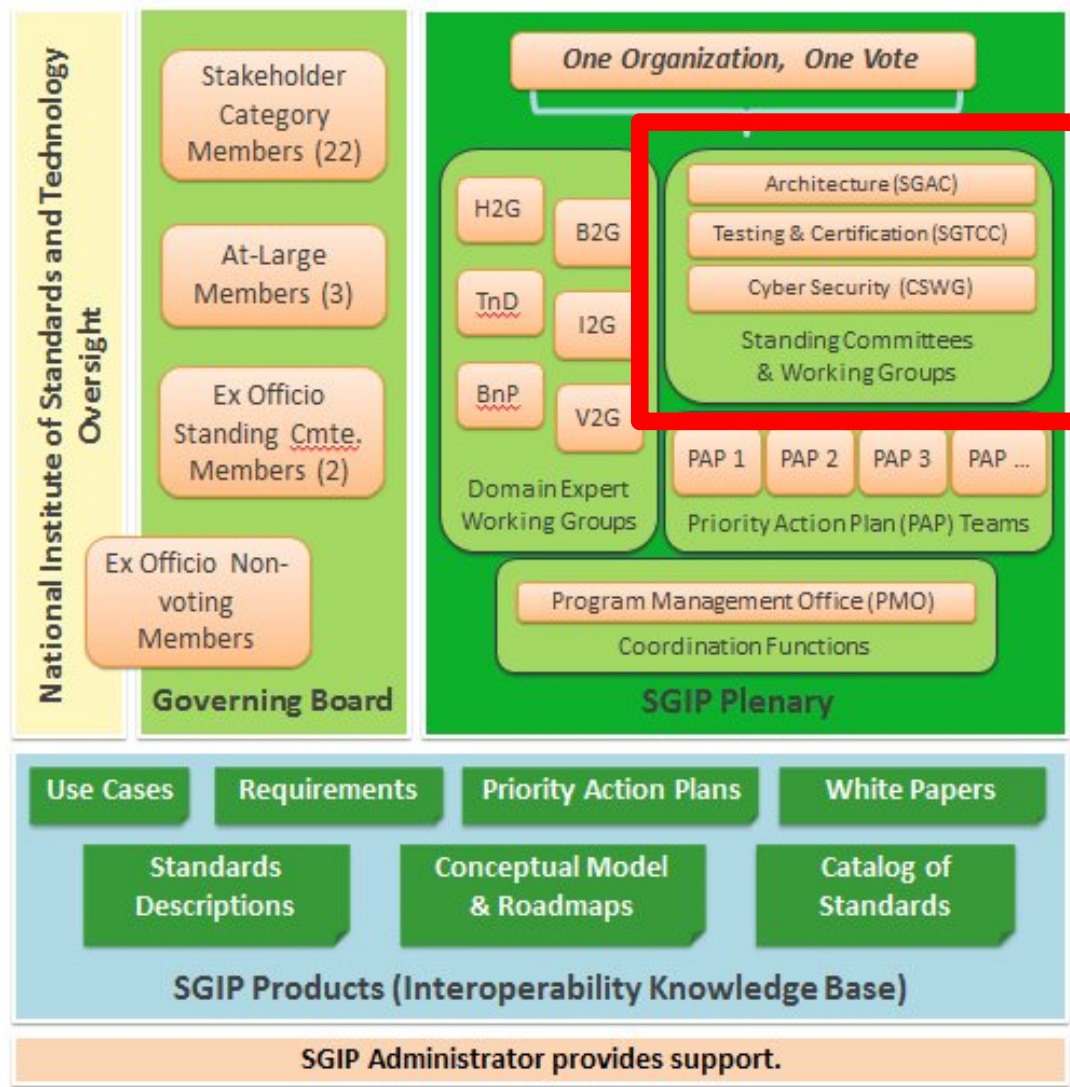


SGiP 101 – COMMITTEES AND GROUPS



SGIP Plenary Structure

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Program Management Office (PMO)

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- Charter: To create a disciplined project management framework to perform and complete work in a timely manner, and provide accurate status reporting by the individual SGIP projects until all projects have been completed.
- Deliverables:
 - Processes
 - PAP Lifecycle Process
 - Standards Review Process
 - Others as needed
 - SGIP Monthly Reports
 - PAP Monthly Quad Charts
- Meetings:
 - Monthly PMO Report Outs
 - Meetings to provide current status of Priority Action Plans (PAPs) and other SGIP project activities
 - Face-to-Face meetings (see SGIP plenary meetings schedule on the TWIKI)
- Contact: Program Manager, Stuart McCafferty, stuart@enernex.com

Cyber Security Working Group (CSWG)

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- Charter: To develop an overall cyber security strategy for the Smart Grid that includes a risk mitigation strategy to ensure interoperability of solutions across different domains/components of the infrastructure. The cyber security strategy needs to address prevention, detection, response, and recovery. Implementation of a cyber security strategy requires the definition and implementation of an overall cyber security risk assessment process for the Smart Grid.
- Deliverables:
 - Cyber security Guidance Document, including the NISTIR 7628 and other supporting papers
 - Outreach sessions
 - Cross-cutting SGIP liaisons to the Committees, DEWGS, and PAPs
 - SGIP Monthly Reports
- Meetings:
 - Bi-weekly Monday calls, 11am Eastern Time (-5:00 GMT)
 - Call-in number: 866-793-6322 X3836162#
 - <http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/CyberSecurityCTG>
 - Face-to-Face meetings (see SGIP plenary meetings schedule on the TWIKI)
- Contact: NIST Lead Marianne Swanson (marianne.swanson@nist.gov) or SGIP Administrator Liaison Sandy Bacik (sandy.bacik@enernex.com)

Smart Grid Architecture Committee (SGAC)

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- Charter: The Smart Grid Architecture Committee (SGAC) is responsible for creating and refining a conceptual reference model, including lists of the standards and profiles necessary to implement the vision of the Smart Grid
- Deliverables:
 - PAP and Standard Reviews
 - Semantics Workshops
 - Security and Testing Support
 - Conceptual Architecture
 - Public Education
- Meetings:
 - Bi-Weekly Committee Webinars
 - Semantics and Architecture Workshops
- Contact: Chair Ron Ambrosio, rfa@ibm.com

Smart Grid Testing & Certification Committee (SGTCC)

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- Charter: The Smart Grid Testing and Certification Committee (SGTCC) creates and maintains the necessary documentation and organizational framework for compliance, interoperability and cyber security testing and certification for SGIP recommended Smart Grid standards
- Deliverables:
 - Interoperability Process Reference Manual (IPRM)
 - Guidance Documentation to support IPRM implementation by Test Labs/Certifying Bodies
 - End to End Interoperability Testing Models
 - Roadmap of SGTCC support activities
 - Interoperability Standards Maturity Assessment tools
- Meetings:
 - Weekly SGTCC task status calls, Weekly working group calls, F2F sessions at SGIP meetings
- Contact: Chair Rik Drummond, rik@drummondgroup.com.
Program Manager Rudi Schubert, rschubert@enernex.com

Domain Expert Working Groups

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- Charter: DEWGs perform analysis of standards interoperability, including PAP evaluation and support, and provide the strategic domain perspective on the evolution of the NIST Smart Grid Interoperability Framework. DEWGs are considered more strategic in their role within the SGIP.
- Deliverables:
 - Standards gap analysis and PAP proposals
 - White papers and reports
 - Standards reviews and recommendations to Board and SGIP members for inclusion on Catalog of Standards (CoS)
- Meetings:
 - Regular calls, F2F sessions at SGIP meetings
 - See individual DEWG TWiki pages and SGIP TWiki Events page for meeting details
- Contact: Individual DEWG Leaders

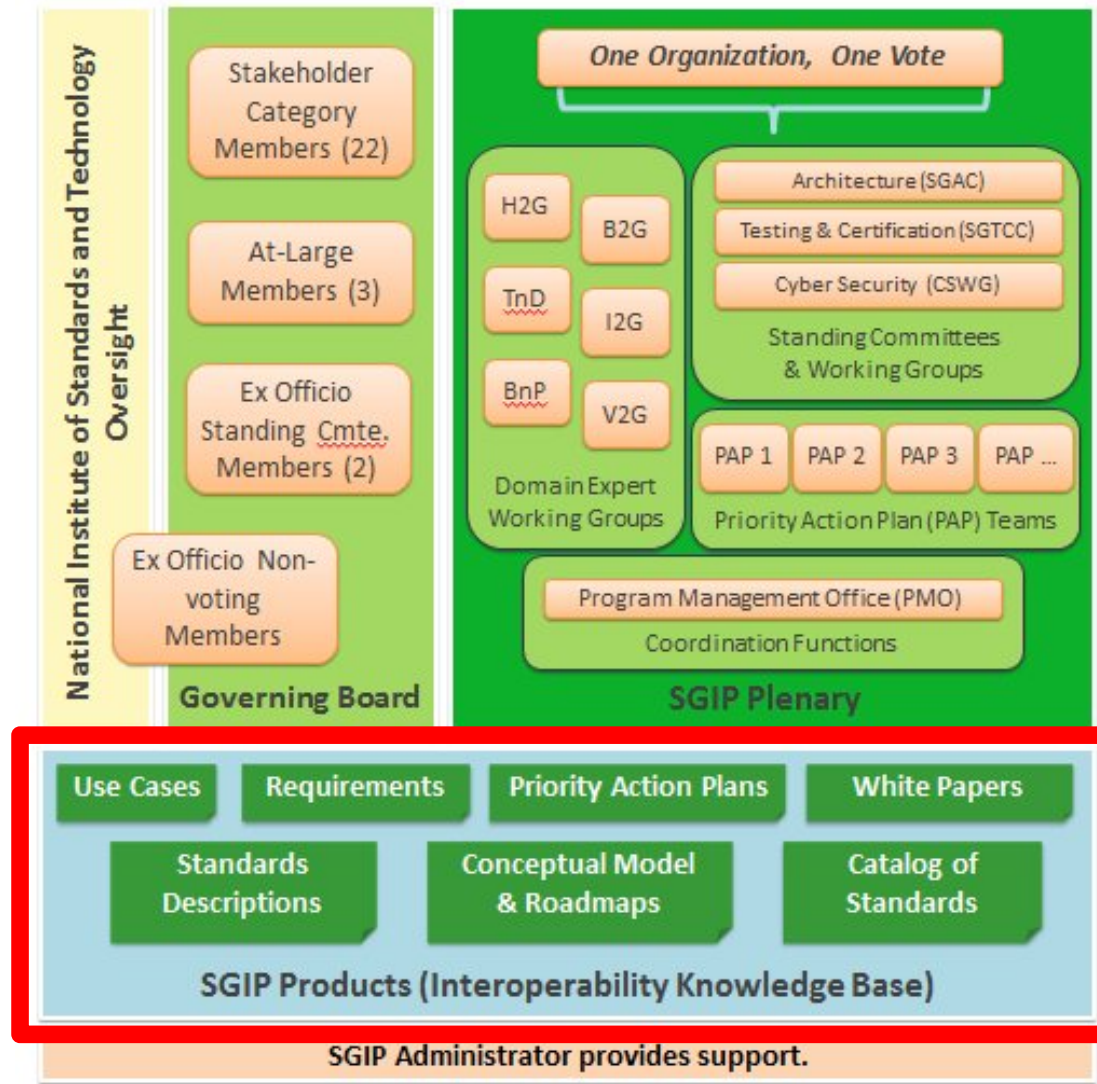


SGiP 101 – DELIVERABLES AND ARTIFACTS



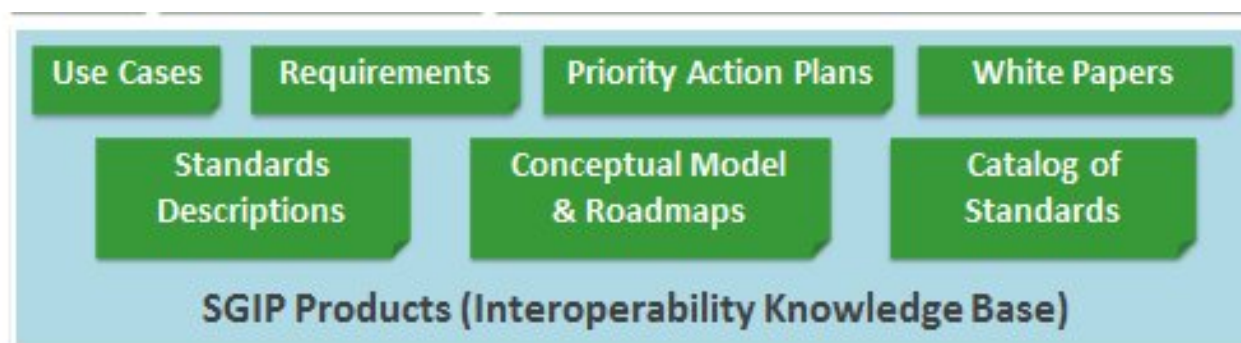
SGIP Plenary Structure

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Deliverables and Artifacts

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Testing & Certification Committee

Architecture Committee

Cyber Security Working Group

Domain Expert Working Groups
B2G, I2G, V2G, T&D, H2G, PEVTG, BNP

SGIP Catalog of Standards (CoS)

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- SGIP has produced and maintains a “catalog of standards”
 - Compendium of standards and practices for the development and deployment of an interoperable Smart Grid
 - Key source of information for NIST to identify standards for the Smart Grid as a part of its EISA 2007 responsibilities
- CoS manual in preparation
 - Criteria that must be considered for the inclusion of standards, practices and guides in the catalog
 - Procedures to approve the addition of an entry to the catalog, maintain and update catalog entries, and deprecate and/or remove an entry from the catalog

<http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/SGIPCatalogOfStandards>



Considerations for Inclusion in Catalog

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- Is well-established and widely acknowledged as important to the Smart Grid.
- Is an open, stable and mature industry-level standards developed in consensus processes from a standards development organization (SDO).
- Enables the transition of the legacy power grid to the Smart Grid.
- Has, or is expected to have, significant implementations, adoption, and use.
- Is supported by an SDO or Users Group to ensure that it is regularly revised and improved to meet changing requirements and that there is strategy for continued relevance.
- Is developed and adopted internationally, wherever practical.



Considerations for Inclusion in Catalog

32

- Is integrated and harmonized, or there is a plan to integrate and harmonize it with complementing standards across the utility enterprise through the use of an industry architecture that documents key points of interoperability and interfaces.
- Enables one or more of the framework characteristics as defined by EISA or enables one or more of the six chief characteristics of the envisioned Smart Grid
- Addresses, or is likely to address, anticipated Smart Grid requirements identified through the NIST workshops and other stakeholder engagement.
- Is applicable to one of the priority areas identified by FERC and NIST



Considerations for Inclusion in Catalog

33

- Focuses on the semantic understanding layer of GWAC stack, which has been identified as most critical to Smart Grid interoperability.
- Is openly available under fair, reasonable, and nondiscriminatory terms.
- Has associated conformance tests or a strategy for achieving them.
- Accommodates legacy implementations.
- Allows for additional functionality and innovation through: Symmetry Transparency Composition Extensibility Loose coupling Layered systems
- Shallow integration



Use Cases

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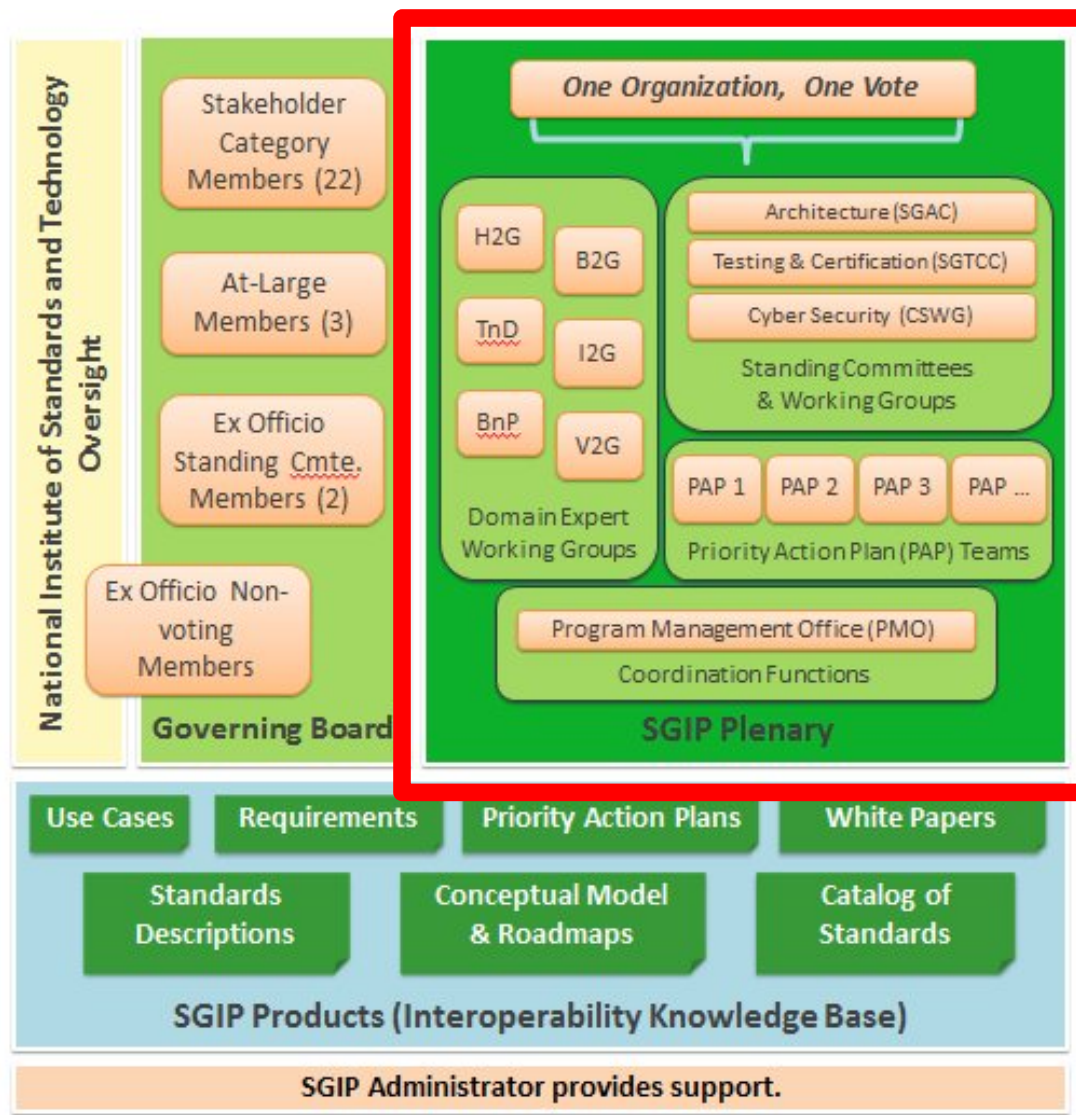
- Under construction
- Organized by Domain of Conceptual Model
- Includes Use Cases from
 - Smart Grid Experience
 - SGIP Working Groups
 - Priority Action Plans

SGIP LEADERSHIP



SGIP Plenary Structure

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SGIP Leadership Organizations

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- SGIP Plenary Leadership
 - Chair is appointed by Board
 - Vice Chair and Secretary are member-elected
 - Provides the TACTICAL and OPERATIONAL leadership for the SGIP
- SGIP Governing Board
 - 25 member-elected representatives
 - 22 stakeholder category reps
 - 3 “at large” reps
 - Provides STRATEGIC guidance and direction for SGIP
 - Provides governance principles for operating the SGIP

SGiP Plenary Officers

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- 2011-2012 Officers
 - Chair (Steve Widergren, Pacific Northwest National Laboratory)
 - Facilitate meetings, assign and track action items, risks, and issues
 - Vice Chair (Mark Klerer, Qualcomm)
 - Fulfill duties in the absence of the Chair
 - Secretary (David Mollerstuen, Tendril)
 - Administrative support to SGiP, meeting notices, agenda, note taker

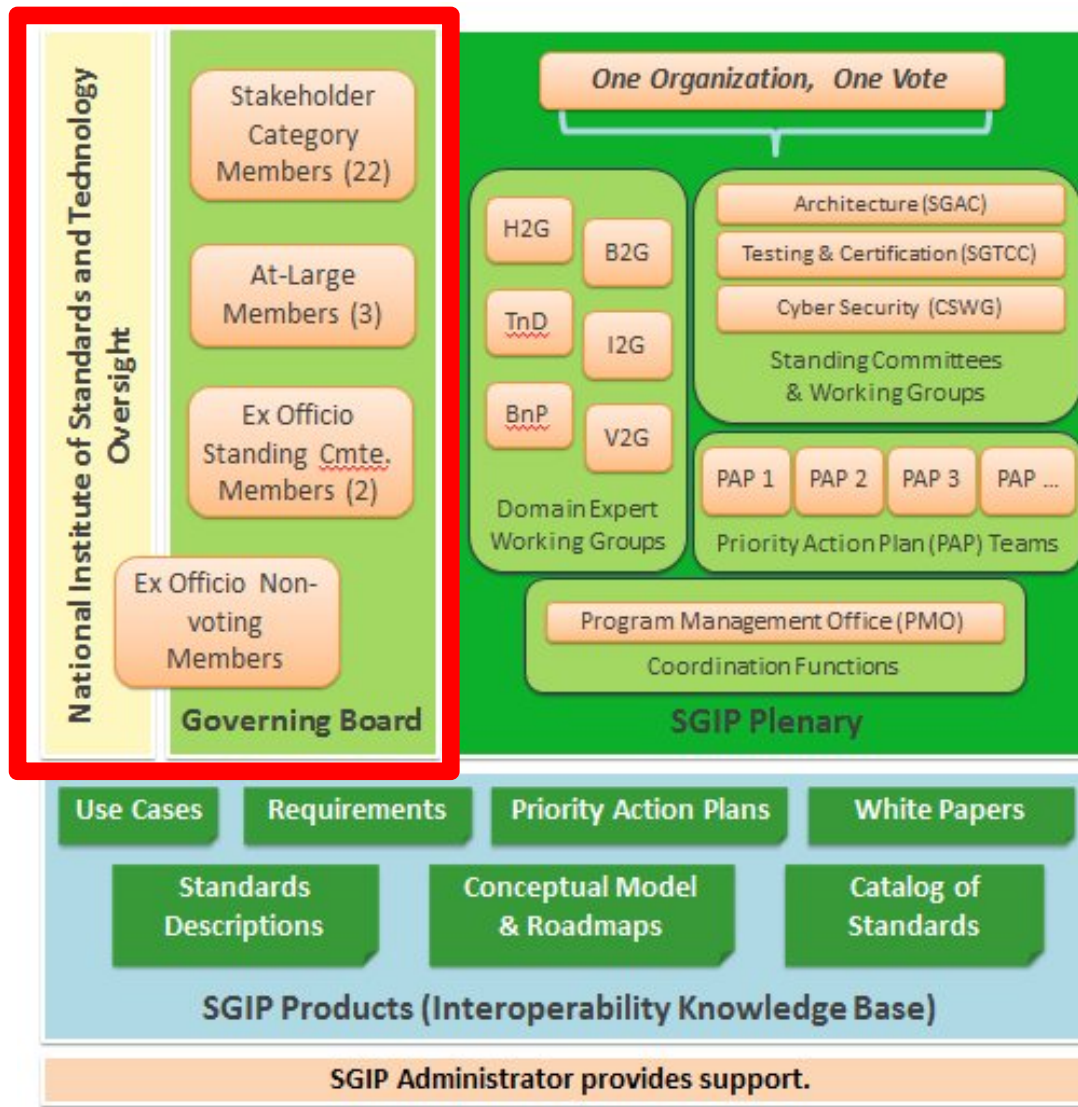


SGIP 101 – GOVERNING BOARD



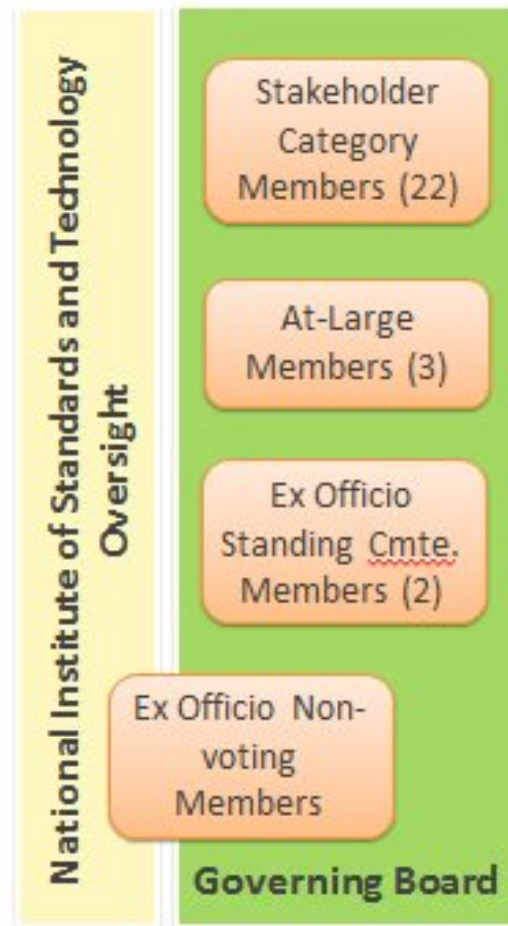
SGIP Plenary Structure

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SGiP Governing Board Structure

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SGiP: Governing Board Vision

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- Maintains a broad perspective of the NIST Interoperability Framework and supports NIST
- Provides guidance and tools that make it an impartial and practical resource for SG stakeholders
- Members representing a broad community based on breadth of experience and involvement
 - Each stakeholder community represented on Governing Board
 - Additional at-large and ex-officio members
 - Supports SGiP goals and objectives as a whole, rather than any individual organization or stakeholder group
- Consensus is a core value
 - All legitimate views and proposals are considered



Governing Board Members

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Category	Stakeholder Category	Member	Organization
Category 1	Appliance and Consumer Electronics Providers	Brian Markwalter	Consumer Electronics Association
Category 2	Commercial and Industrial Equipment Manufacturers	Tariq Samad	Honeywell
Category 3	Consumers — Residential, Commercial, and Industrial	Todd Rytting	Panasonic
Category 4	Electric Transportation Industry Stakeholders	Rich Scholer	Chrysler
Category 5	Electric Utility Companies — IOU and Publicly Owned Utilities	George Bjelovuk	American Electric Power
Category 6	Electric Utility Companies — Municipal (MUNI)	Stephen Muchlinski	Tacoma Public Utilities
Category 7	Electric Utility Companies — Rural Electric Association	Bob Saint	NRECA
Category 8	Electricity and Financial Market Traders	Chuck Shih	Edge Holdings LLC
Category 9	Independent Power Producers	Kenneth Van Meter	Booz Allen Hamilton
Category 10	ICT Infrastructure and Service Providers	Matthew Theall	HomeGrid Forum
Category 11	IT Application Developers and Integrators	Vint Cerf	Google, Inc.
Category 12	Power Equipment Manufacturers and Vendors	Robby Simpson	General Electric
Category 13	Professional Societies, Users Groups, Trade Associations	Wayne Longcore	SAP America, Inc.
Category 14	R&D Organizations and Academia	Mladen Kezunovic	Texas A&M University
Category 15	Relevant Federal Government Agencies	Perry Pederson	Nuclear Regulatory Commission
Category 16	Renewable Power Producers	John Nunneley	SunSpec Alliance
Category 17	Retail Service Providers	Brent Hodges	Tendril
Category 18	Standards and Specification Development Organizations	John Caskey	NEMA
Category 19	State and Local Regulators	Paul Centolella	Public Utility Commission of Ohio
Category 20	Testing and Certification Vendors	Rik Drummond	Drummond Group Inc.
Category 21	Transmission Operators and ISOs	Jamshid Afnan	ISO New England, Inc.
Category 22	Venture Capital	Scott Ungerer	EnerTech Capital
Category 23	At Large Members	John McDonald	GE Energy
		Paul De Martini	Cisco
		Mark McGranaghan	Electric Power Research Institute
Ex-Officio	SGAC Chair	Ron Ambrosio	IBM
	SGTCC Chair	Rik Drummond	Drummond Group Inc.
Ex-Officio	NIST Administrator	George Arnold Erich Gunther	NIST EnerNex

Governing Board Committees

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- Bylaws and Operating Practices (BOPWG)
 - Develop and maintain the SGIP Charter and ByLaws
- Communications, Marketing, and Education (CMEWG)
 - Promote awareness, understanding and value of SGIP and SGIPGB activities and knowledge base to the smart grid stakeholder community by disseminating information and announcements {in accordance with established operating procedures} related to decisions and actions of the SGIP and SGIPGB.
- Intellectual Property Rights (IPRWG)
 - Charged to develop and maintain the SGIP IPR Policy, and to provide a Forum to review and recommend revisions and additions to the SGIP IPR Policy. The IPR WG will also make recommendations related to the SGIP IPR Policy for the SGIP Operations Manual. It will also be the location for initial discussions for all IPR matters whether related to patents, copyrights, trademarks, or other forms of IPR



Governing Board Committees

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- International Activities
 - Works to enhance the coordination between the SGIP GB and similar organizations abroad
- Vision, Mission and Roadmap Task Team
 - Provide high level vision and mission for the SGIP, and develop a broad roadmap of objectives required over the next several years to meet that vision
- Ad-hoc groups formed to address specific questions
 - Example: Home Area Network Task Force
 - Make recommendations to the Governing Board for next steps to resolve the issue of Home Area Network Architecture

SGIP 101 – THE SGIP TWIKI



SmartGrid

Hello [Jeny Dowlin](#)

Log Out

Create personal sidebar

Getting Started

Become A Member

Member Resources

Latest Postings

SGIP Contacts

SGIP News

Standards Catalog

Upcoming Events

Information for...

International Partners

Media

Regulators

To comment or share content, you must first create a TWiki Login.

LEARN MORE

This Week

3:00pm EDT: PAP-05 & 06

3:00pm EDT: EMIIWG

Check Working Group or PAP pages for updates and details

TWiki > SmartGrid Web > WebHome (2011-07-22, JenyDowlin)

Edit Attach

WELCOME TO THE NIST SMART GRID COLLABORATION WIKI SMART GRID INTEROPERABILITY PANEL (SGIP) SITE

PAGE CONTENTS

- What is a "Smart Grid?"
- What is the Smart Grid Interoperability Panel?
- SGIP Technical Activities
- SGIP Leadership
- SGIP Membership
- SGIP Catalog of Standards

Under the Energy Independence and Security Act (EISA) of 2007, the National Institute of Standards and Technology (NIST) has "primary responsibility to coordinate development of a framework that includes protocols and model standards for information management to achieve interoperability of smart grid devices and systems..." To carry out its EISA-assigned responsibilities, NIST devised a three-phase plan to rapidly establish an initial set of standards, while providing a robust process for continued development and implementation of standards as needs and opportunities arise and as technology advances. The SGIP and this wiki were born from that plan. [Click here](#) for additional information on NIST's role and activities.

WHAT IS A "SMART GRID?"

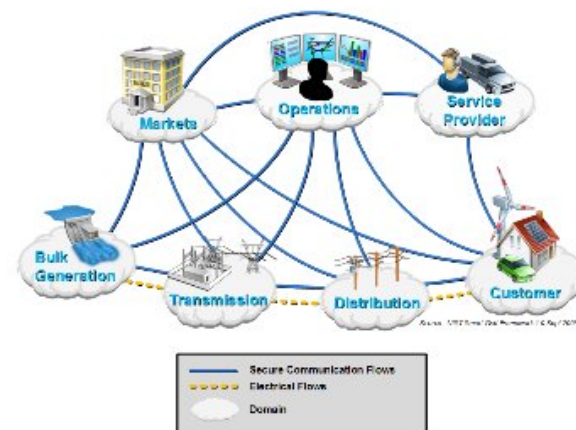
By integrating an end-to-end, advanced communications infrastructure into the electric power system, a Smart Grid can provide consumers near real-time information on their energy use, support pricing that reflects changes in supply and demand, and enable smart appliances and devices to help consumers avoid higher energy bills.

A more intelligent grid can also:

- reduce the duration and frequency of power outages
- lower generation requirements by reducing inefficiencies in energy delivery
- facilitate efficient charging of electric vehicles
- better integrate wind and solar resources
- provide more effective management of distributed generation and storage.

A Smart Grid uses information and communication technology to make the power grid more efficient, reliable, secure, and resilient while minimizing costly investments in new generation capacity.

Conceptual Model



WHAT IS THE SMART GRID INTEROPERABILITY PANEL?

TWiki Overview

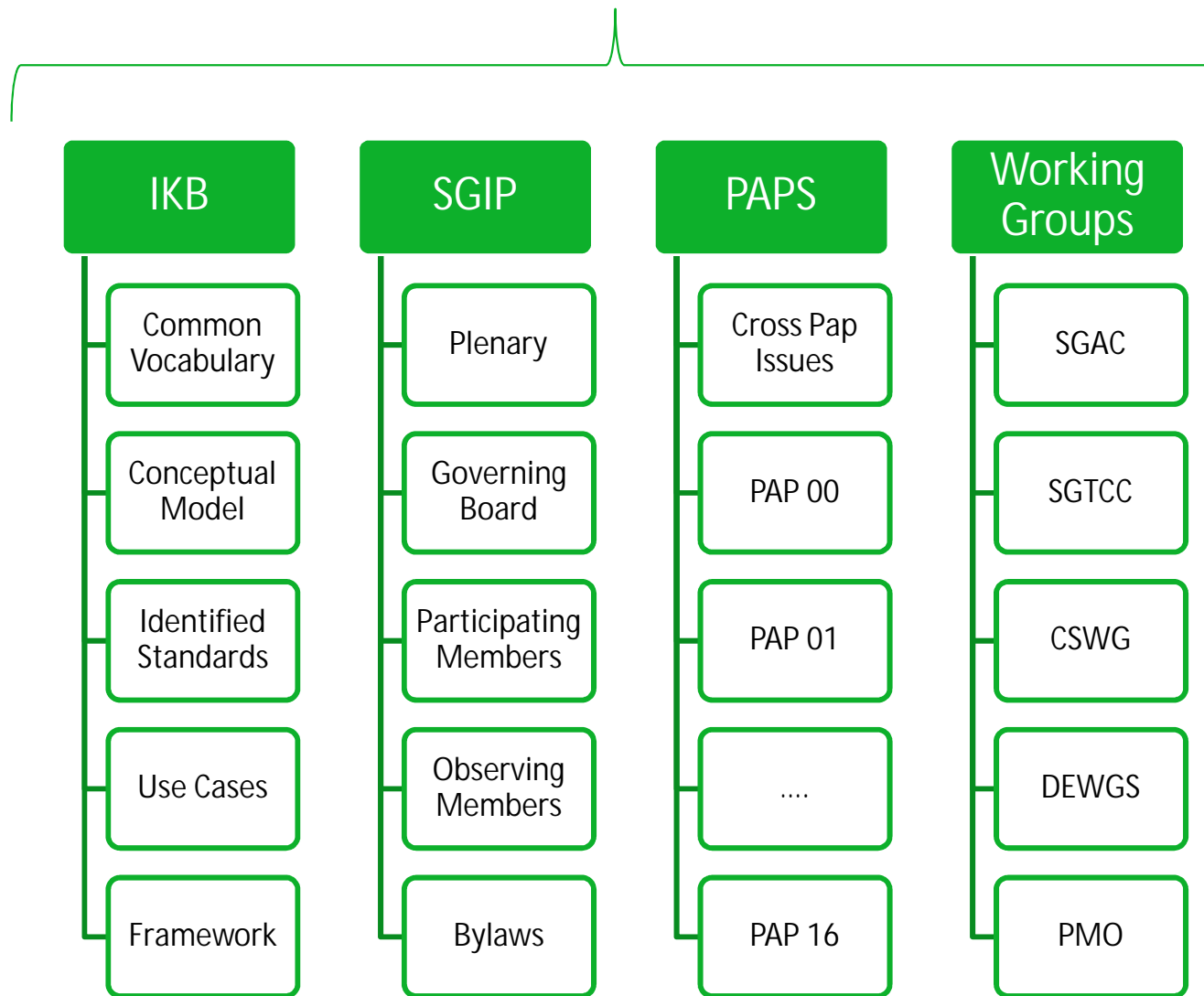
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- TWiki is a “brand” of Wiki – wiki:
 - A wiki (pronounced /'w?ki/ WIK-ee) is a website that allows the easy creation and editing of any number of interlinked web pages via a web browser using a simplified markup language or a WYSIWYG text editor.
- SGIP / NIST TWiki has major sections for:
 - SGIP process and operation:
 - <http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/WebHome>
 - Priority Action Plans
 - <http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/PriorityActionPlans>
 - Working Groups and Committees
 - <http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/SGIPWorkingGroupsAndCommittees>
 - Interoperability Knowledge Base
 - <http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/InteroperabilityKnowledgeBase>



Organizational Structure of the TWiki

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Getting Around the TWiki

The screenshot shows the NIST SGIP TWiki page. The page title is "Smart Grid Interoperability Panel" and the subtitle is "An open forum for collaboration, the establishment of stakeholder requirements, sets priorities, and oversees development of standards for Smart Grid interoperability and cybersecurity." The page content includes a navigation menu, a sidebar with links like "Getting Started", "Become a Member", and "Member Resources", and a main content area with a table of contents and a diagram of the SGIP structure. The diagram shows "One Organization, One Vote" with various sub-groups like "Stakeholder Category Members (22)", "SGIP Standing Committee Members (2)", "At large Members (3)", "Ex Officio (non-voting) Members", "Standing Committees", and "Adhoc Working Groups". Below the diagram is a "Public Comments" section with a comment from "SharonDingler" dated 2011-06-20. At the bottom, there is an "Attachments" table with columns for attachment name, action, size, date, version, and comment.

Callouts on the right side of the page identify the following UI elements:

- Jump**: A search box at the top right.
- Search**: A search box at the top right.
- Menu bar**: The top navigation menu.
- Edit Page**: A link above the page title.
- Add Attachment**: A link above the page title.
- Relevant Topic Info.**: A link above the page title.
- Page Sectional Links**: A link above the page title.
- Comments Section**: The "PUBLIC COMMENTS" section.
- Page Attachments**: The "Attachments" table.
- Other Page Actions**: A link above the page title.
- General Links**: A link above the page title.
- Other Wiki Links**: A link above the page title.

At the bottom of the page, there is a watermark that reads "Grid-Interop 2011".

Top Navigational Menu Bar

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Field allows you to "Jump" directly to a page

Field allows you to "Search" by keyword

The screenshot shows the top navigation bar of the NIST Smart Grid Collaboration Wiki. The header includes the NIST logo and the SGiP logo. Below the header is a main navigation bar with links: Home, About SGiP, Membership, Working Groups, Priority Action Plans, Knowledge Center (IKB), News & Events, and Help/Contacts. A secondary navigation bar contains links for SmartGrid, Log In, Getting Started, and Become A Member. A dropdown menu for 'Priority Action Plans' is open, showing submenus for Active PAPs, Closed PAPs, Program Mgmt Office, Creating A PAP, PAP Lifecycle, Cross-PAP Issues, and Help Wanted. A list of PAP topics is displayed, including PAP-02 through PAP-10. A search box and a 'Jump' field are also visible.



Section Dropdown Menus

Topic Submenus

The Main Navigational bar is designed to help you quickly navigate to core sections of the Twiki. These sections pertain to the main activities and goals of the SGIP.



Events




NIST Smart Grid Collaboration Wiki
Smart Grid Interoperability Panel Site


[SGiP Main](#)
[About SGiP](#)
[Membership](#)
[Working Groups](#)
[Priority Action Plans](#)
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SmartGrid


Hello [Jeny Dowlin](#)
[Log Out](#)


– Create personal sidebar


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Member Resources

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
 [SGiP News](#)


 [Standards Catalog](#)

 [Upcoming Events](#)

Information for...

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LEARN MORE >

This Week

1:00pm EDT: SGTCC
End-to-End
3:00pm EDT: EMIWG
3:00pm EDT: DEWG
V2G EV subgroup

Tuesday, 8.16

11:00am EDT: CSWG
TCC
1:00pm EDT: CSWG
AMI Sec
2:00pm EDT: PAP-02
3:00pm EDT: SGTCC


TWiki > [SmartGrid Web](#) > [SGiP](#) > [SGiPMemberNews](#) > [SGiPCalendar \(2011-08-15, JenyDowlin\)](#) [Edit](#) [Attach](#)

UPCOMING SGiP MEETINGS & EVENTS

PAGE CONTENTS

- [SGiP Plenary Meetings and Webinars \(attendance required for Participating Members\)](#)
- [SGiP Governing Board Meetings \(attendance not required\)](#)
- [Standing Committee & Working Group Scheduled Webinars](#)
- [DEWG \(Domain Expert Working Group\) Scheduled Webinars](#)
- [PAP Phone Conferences and Webinars](#)
 - [For Smart Grid Industry Meetings & Events, see our general Smart Grid calendar](#)

- [Member Announcements & News Archive](#)
- [SGiP Governing Board](#)
- [SGiP Plenary Meetings, Minutes, And Artifacts](#)
- [Industrywide Calendar of Events 2011](#)



All meetings of the SGiP are open to the public. Webinar and phone access is always provided free of charge.

SGiP PLENARY MEETINGS AND WEBINARS (ATTENDANCE REQUIRED FOR PARTICIPATING MEMBERS)

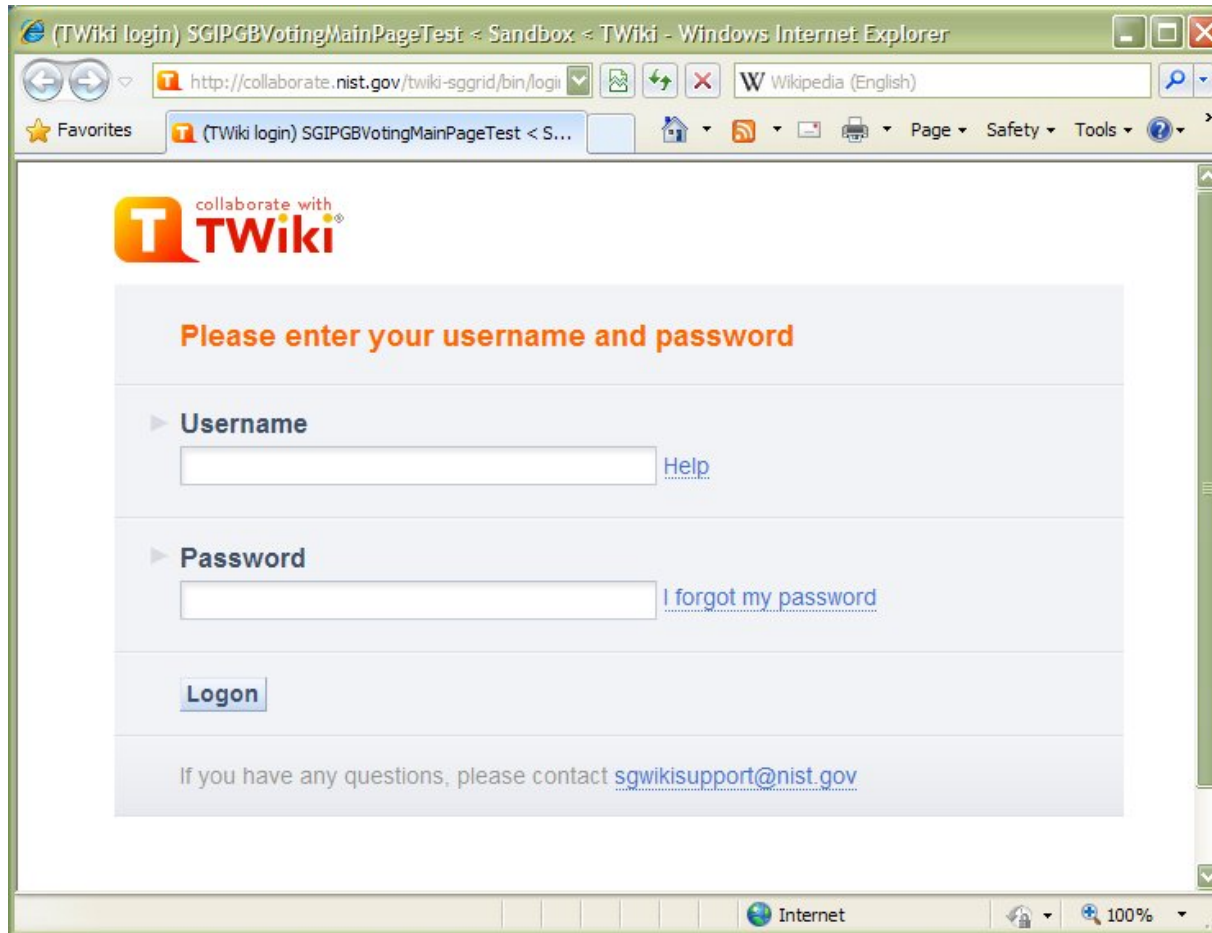
Date	Time	Location	Registration
Sept. 16	1pm to 3pm Eastern	Virtual	Click for Web/phone access
Dec. 5-8	All Day	Winter Face-to-Face in conjunction with Grid-Interop (Phoenix, AZ)	Grid-Interop Information
2012 Tentative			
Jan. 20	1pm to 3pm Eastern	Virtual	Web/phone access will be posted at a later time
Mar. 20-22	All Day	Spring Face-to-Face	Meeting Registration will be opened by Jan. 30
May 25	1pm to 3pm Eastern	Virtual	Web/phone access will be posted at a later time
July 10-12	All Day	Summer Face-to-Face	Meeting Registration will be opened by May 30
Sept. 7	1pm to 3pm Eastern	Virtual	Web/phone access will be posted at a later time
Oct. 26	1pm to 3pm Eastern	Virtual	Web/phone access will be posted at a later time
December	All Day	Winter Face-to-Face in conjunction with Grid-Interop	Meeting Registration TBD

SGiP GOVERNING BOARD MEETINGS (ATTENDANCE NOT REQUIRED)

Date	Time	Location	Registration
Sept. 8	1pm to 4pm Eastern	Virtual	Click for Web/phone access
Nov. 10	1pm to 4pm Eastern	Virtual	Click for Web/phone access

Voting: Log Into TWiki Site

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Universal Sidebar

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- To increase the ease of navigation and awareness of activities, an universal sidebar was employed.
- When a time-sensitive activity is occurring, a notice will be placed in the sidebar much like the “Vote Now” and Spring Meeting promo you see here
- Additionally, you will find quick links to popular areas of the site
- The scrolling “This Week” window provides an at-a-glance look at the SGIP meetings for the week and is updated every Monday morning by the Administrator.

The screenshot displays the SGiP website interface. At the top, the NIST logo and SGiP title are visible. A navigation bar includes links for SGiP Main, About SGiP, Membership, Working Groups, Priority Action Plans, and Knowledge. The sidebar on the left contains several sections: a user greeting for Jeny Dowlin with a Log Out link; a 'Create personal sidebar' option; 'Getting Started' and 'Become A Member' links; a 'Vote now open on Catalog of Standards first entries.' banner with a 'VOTE NOW' button; a 'Spring 2011 Meeting in Nashville' promo for March 29-31; a 'Member Resources' section with links to Latest Postings, SGiP Contacts, SGiP News, Standards Catalog, and Upcoming Events; an 'Information for...' section with links to International Partners, Media, and Regulators; a 'To comment or share content, you must first create a TWiki Login.' banner with a 'LEARN MORE' button; and a 'This Week' meeting schedule for Wednesday, 8/10, from 2:00pm to 3:00pm EDT, SGTCC WG8. The main content area on the right features a 'WELCOME TO THE SMART GRID' banner, a 'PAGE CONTENTS' section with a list of links, and a 'WHAT IS A "SMART GRID?"' section with introductory text and a list of benefits.

Voting: Select Your Choices

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You are here: TWiki > [SGIPAdministrator Web](#) > [SGIPVoteViceChairSecretaryRunoffII](#) (2

Title of Vote

SGIP Vice Chair Vote Runoff II

Welcome, MartyBurns, you are eligible to vote. Voting is open.

Status of voting and your eligibility

Use the following link to return to : [SGIP Main Page](#)

Use the ballot below to register your vote for SGIP Officers. Note that you may revise your vote until the ballot is cast. After the ballot is cast, your vote will count. Before registering the vote with the "Cast Ballot" button, check the following:

- you have voted for Vice Chair

Describes vote

After selecting the Cast Ballot button, you will be presented with your ballot and you can accept or reject it. It will take ~20 seconds after which you will be taken to a new page acknowledging your vote.

Vote for Vice Chair

Select ...

Voting ballot choices

- If you voted no to either choice or have questions or need assistance regarding this vote, please email mailto:sgip_administrator@enernex.com?subject=SGIPPlenaryOfficerVote

Cast Ballot

Submit your ballot



SGIP 101 – HOW TO PARTICIPATE

The SGIP provides the opportunity for stakeholders up and down the spectrum of Smart Grid applications and standards to share in the great exercise of forwarding the Smart Grid – a national priority.

Participating in SGIP groups

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- Participation in SGIP is open to all individuals associated with SGIP member organizations
- Several SGIP groups allow open participation, including:
 - Domain expert working groups (DEWGs)
 - Priority action plans (PAPs)
 - Cybersecurity Working Group (CSWG)
- Other SGIP groups have an election process for membership
 - SGIP Governing Board
 - Smart Grid Architecture Committee (SGAC)
 - Smart Grid Testing and Certification Committee (SGTCC)
- Some SGIP GB groups allow open participation, others are limited to GB members



Participation Mechanisms

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- Venues
 - Face to Face Meetings
 - Webinars & Phone conferences
 - Email Lists
 - Standards Setting Organizations (SSOs)
 - TWiki



Virtual Meeting Registrations

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PAP00, PAP05 and PAP06 Working Group Webinar

Friday, March 19, 2010 3:00 PM - 4:00 PM EDT

Webinar Registration

Bi-weekly Webinar of PAP00, PAP05 and PAP06 Management Teams to discuss issues.

This Webinar is held every 2 weeks on Friday, from: [Show time in my time zone](#)
Mar 19, 2010 to Jun 25, 2010 3:00 PM - 4:00 PM EDT



* First Name:	<input type="text"/>	* Last Name:	<input type="text"/>
* Email Address: ?	<input type="text"/>	Organization:	<input type="text"/>

* Indicates a required field

By clicking this button you submit your information to the Webinar organizer, who will use it to communicate with you regarding this event and their other services.

[View system requirements](#)

Your email address and personal information will be used by the Webinar organizer to communicate with you about this event and their other services. To review the Webinar organizer's privacy policy or opt out of their other communications, contact the Webinar organizer directly.

Safeguarding your email address and Webinar registration information is taken seriously at GoToWebinar. GoToWebinar will not sell or rent this information. [View the GoToWebinar Privacy Policy.](#)



Grid-Interop 2011

PAP Email Lists

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JOINING THE PAP EMAIL LISTS

Email lists have been established for each PAP. These lists support self registration using the links below:

Send an email to PAP Email List	Join a PAP Email List	Review Archive of Email List
SGIP-PAP00WG@SMARTGRIDLISTSERV.ORG	Join SGIP-PAP00	SGIP-PAP00WG
SGIP-PAP01WG@SMARTGRIDLISTSERV.ORG	Join SGIP-PAP01	SGIP-PAP01WG
SGIP-PAP02WG@SMARTGRIDLISTSERV.ORG	Join SGIP-PAP02	SGIP-PAP02WG
SGIP-PAP03WG@SMARTGRIDLISTSERV.ORG	Join SGIP-PAP03	SGIP-PAP03WG
SGIP-PAP04WG@SMARTGRIDLISTSERV.ORG	Join SGIP-PAP04	SGIP-PAP04WG
SGIP-PAP05WG@SMARTGRIDLISTSERV.ORG	Join SGIP-PAP05	SGIP-PAP05WG
SGIP-PAP06WG@SMARTGRIDLISTSERV.ORG	Join SGIP-PAP06	SGIP-PAP06WG
SGIP-PAP07WG@SMARTGRIDLISTSERV.ORG	Join SGIP-PAP07	SGIP-PAP07WG
SGIP-PAP08WG@SMARTGRIDLISTSERV.ORG	Join SGIP-PAP08	SGIP-PAP08WG
SGIP-PAP09WG@SMARTGRIDLISTSERV.ORG	Join SGIP-PAP09	SGIP-PAP09WG
SGIP-PAP10WG@SMARTGRIDLISTSERV.ORG	Join SGIP-PAP10	SGIP-PAP10WG
SGIP-PAP11WG@SMARTGRIDLISTSERV.ORG	Join SGIP-PAP11	SGIP-PAP11WG
SGIP-PAP12WG@SMARTGRIDLISTSERV.ORG	Join SGIP-PAP12	SGIP-PAP12WG
SGIP-PAP13WG@SMARTGRIDLISTSERV.ORG	Join SGIP-PAP13	SGIP-PAP13WG
SGIP-PAP14WG@SMARTGRIDLISTSERV.ORG	Join SGIP-PAP14	SGIP-PAP14WG
SGIP-PAP15WG@SMARTGRIDLISTSERV.ORG	Join SGIP-PAP15	SGIP-PAP15WG
SGIP-PAP16WG@SMARTGRIDLISTSERV.ORG	Join SGIP-PAP16	SGIP-PAP16WG
SGIP-PAP17WG@SMARTGRIDLISTSERV.ORG	Join SGIP-PAP17	SGIP-PAP17WG
SGIP-PAP18WG@SMARTGRIDLISTSERV.ORG	Join SGIP-PAP18	SGIP-PAP18WG

<http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/PriorityActionPlans>



Contacts

SGIP CONTACTS

For questions or assistance regarding SGIP membership	email sgip_administrator
For questions or assistance regarding this site	email sgwikisupport
For calendar submissions	submit to sgip.submission
For media inquiries	contact Carrie Parks of EnerNex
To contact the SGIP Administrator	email sgip_administrator
To contact the SGIP Governing Board	email sgipgb_administrator

Not sure who can help? When in doubt, please contact the [SGIP Administrator](#).

SGIP MAILING LISTS

All SGIP member representatives who share an email address with the Administrator are already subscribed to the SGIP Member News.

Non-SGIP Members who would like to receive SGIP News updates	SGIP-Non-Members-Notify@SMARTGRIDLISTSERV.ORG	Join SGIP-Non-Members-Notify	SGIP-Non-Members-Notify
--------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------	----------------------------------------------	-----------------------------------------

Specialty Groups	Send an email to SGIP Email List	Join a SGIP Email List	Review Archive of Email List
Program Management Office (PMO) - coordinate PAP progress	SGIP-PMO-All@SMARTGRIDLISTSERV.ORG	Join SGIP-PMO-All	SGIP-PMO-All
Communications, Marketing & Education Working Group	SGIPGB-CMEWG-All@SMARTGRIDLISTSERV.ORG	Join SGIPGB-CMEWG-All	SGIPGB-CMEWG-All
Bylaws and Operating Practices Working Group	SGIPGB-BOPWG-All@SMARTGRIDLISTSERV.ORG	Join SGIPGB-BOPWG-All	SGIPGB-BOPWG-All
Intellectual Property Rights Working	SGIPGB-IPRWG-All@SMARTGRIDLISTSERV.ORG	Join SGIPGB-IPRWG-All	SGIPGB-IPRWG-All

(<http://collaborate.nist.gov/twiki-sggrid/bin/view/SmartGrid/SGIPContact>)

