Smart Grid Information Clearinghouse (SGIC)

21st MADRI Working Group Meeting

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Manisa Pipattanasomporn
Virginia Tech – Advanced Research Institute

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SGIC Team

Virginia Tech

- **Saifur Rahman (PI)**
- **Manisa Pipattanasomporn (co-PI)**

IEEE PES

- **Patrick Ryan (co-PI)**

EnerNex Corporation

- **Erich Gunther (co-PI)**

SGIC Objective

To design, populate, manage and maintain a public SGIC web portal that reaches out to a broad user community both for information gathering and knowledge delivery.

www.SGIClearinghouse.org

Project Schedule & Timeline

- Project Start Date — September 1, 2009
- Advisory Committee & User Group
  - ✓ Advisory Committee Meeting — November 2, 2009
  - ✓ User Group Meeting — December 7, 2009
  - ✓ 2nd Advisory Committee Meeting — February 26, 2010
  - ✓ 2nd User Group Meeting — March 15, 2010
- Start Beta Testing the SGIC — June 30, 2010
- Fully launched the web portal — September 30, 2010

Smart Grid Advisory Committee

Members of Advisory Committee come from industry, regulatory bodies, electric utility associations and the government. For example,

- APPA – American Public Power Association
- DOE – Department of Energy
- DRCC – Demand Response Coordinating Committee
- EEI – Edison Electric Institute
- EPA – Environmental Protection Agency
- EPRI – Electric Power Research Institute
- FERC – Federal Energy Regulatory Commission
- Gridwise Alliance
- NARUC – National Association of Regulatory Utility Commissioners
- NEMA – National Electrical Manufacturers Association
- NERC – North American Electric Reliability Corporation
- NIST – National Institute of Standards and Technology
- NRECA – National Rural Electric Cooperative Association
- UTC – Utilities Telecom Council

SGIC Developmental User Group

55 members (as of April 2010) from various smart grid stakeholder groups

	Stakeholder Group	Organization
1	Utility, ISO, RTO	FPL, AEP, CenterPoint Energy, National Grid, Pepco
2	Research Organization	PNNL, NCSU, Battelle, SEI-CMU, EPRI
3	Equipment manufacturer	ABB, Tendril, Aclara, Honeywell
4	Service provider	Capgemini, Plexus, Sun Edison, Fat Spaniel, APEX Wind
5	Professional & trade association	NEMA, DRCC, Utilimetrics, IEEE-PES, GridWise, APPA, KEMA, NRECA, UTC
6	Consumer advocate	CUB, Office of Ohio Consumers' Counsel, TURN
7	Standards organization	NIST
8	Regulator	FERC, NERC, RAP, CPUC, NY DPS, NJ BPU, NCSL
9	Environmental group	Sierra Club
10	Federal/State agencies	DOD, DOE
11	End user	Tangible Software
12	Media	Smart Grid Today, Climate Wire, Interprose Inc.

Results from the SGIC User Group Meeting December 7, 2009

Top-Ten Prioritized List

1. Smart Grid 101
2. Technologies
3. Standards
4. Cyber security issues
5. Regulations
6. Education, training, research
7. Smart grid projects
8. Business cases/use cases/cost-benefit analyses/best practices
9. International information
10. Additional resources

The Clearinghouse Sitemap

- The information in the Clearinghouse includes:

Home	SmartGrid 101	Building Blocks	Smart Grid Projects	In-depth Information
	(1) Smart grid 101 w/ Acronyms (10) Smart Grid Resources	(2) Technology (3) Standard (4) Cyber Security (5) Policy & Regulation (6) Education	(7) Projects - ARRA projects - Other projects	(8-9) - Use cases - Business cases - Best practices - Cost-benefit analyses - Publications - Research & development - International information

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Smart Grid Information Clearinghouse (SGIC)
SEARCH
Home
Smart Grid 101
Building Blocks
Smart Grid Projects
Rates & Incentives
In-Depth Information
Welcome to the future home of Smart Grid Information Clearinghouse. We expect to officially launched the sit Fall 2010.
"Smart Grid - enables active consumer participation"
The Landing Page
(www.sgiclearinghouse.org)
SMART GRID 101
TECHNOLOGIES
SMART GRID MAP
About SGIC
This project is a cooperative effort among Virginia Tech, the IEEE PES and EnerNex to design, populate, manage and maintain a public Smart Grid Information Clearinghouse web portal. Learn more....
Feature Stories
NARUC urges quick resolution to tax issue holding up grantsl. Learn more....
Content Submission
Click here to submit smart grid related content.
For Smart Grid Stakeholders
For Consumer Advocates
For Utilities
For Technology Providers
For Regulators
For Policy Makers
For Environmental Groups
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Thank you

Questions or Comments?

Manisa Pipattanasomporn (mpipatta@vt.edu)

or

smartgrid@vt.edu

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