



Smart Grid Information Clearinghouse (SGIC)

21st MADRI Working Group Meeting

April 16, 2010

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SGIC Team

Virginia Tech

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IEEE PES

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



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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



Smart Grid Information Clearinghouse (SGIC)

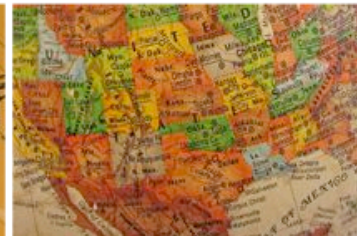
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Welcome to the future home of Smart Grid Information Clearinghouse. We expect to officially launched the sit Fall 2010.

"Smart Grid - enables active
consumer participation"

The Landing Page
(www.sgicclearinghouse.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....](#)

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Thank you

Questions or Comments?

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