UCAIug: Open Smart Grid

January 2009 Face-to-Face Meeting – Palo Alto, CA

→ *AMI-SEC Task Force*
→ *UtiliSec Working Group*

AMI-SEC TF & UtiliSec WG Chair:

Darren Reece Highfill

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Agenda

09:00   Introductions, logistics

09:20   Agenda review & update

09:30   Overview of organization and objectives: AMI-SEC & UtiliSec

09:45   AMI-SEC Roadmap

- Review

10:00   AMI-SEC Charter and Purpose Statement

- Proposed update
- Discussion

10:15   AMI System Security Requirements & Guidelines

- Q&A
- Next steps

10:45   Component Catalog

- Status update
- Discussion

Agenda

11:00   Implementation Guide
- Status update
- Discussion

11:15   ASAP Supplemental Deliverables from INL
- AMI Vendor Product Analysis ("table-top")
- Cyber Security Procurement Language for AMI
- Testing and Assessment Methodologies for Wireless AMI Technologies

11:30   AMI-SEC 2009 Planning

12:00   Working Lunch: AMI Attack Methodology
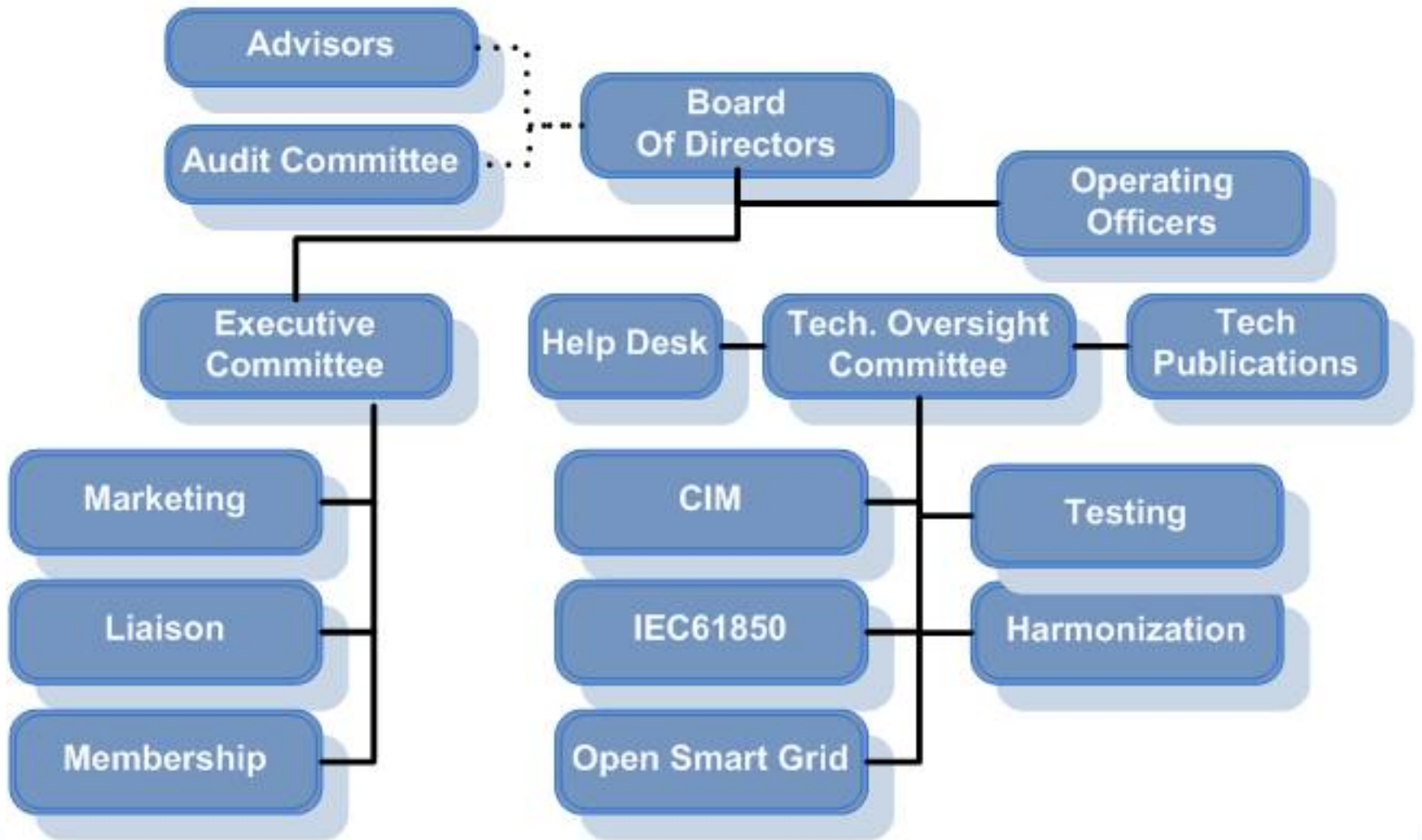- Presentation of ASAP Deliverable
- Discussion

13:00   UtiliSec 2009 – directions and objectives
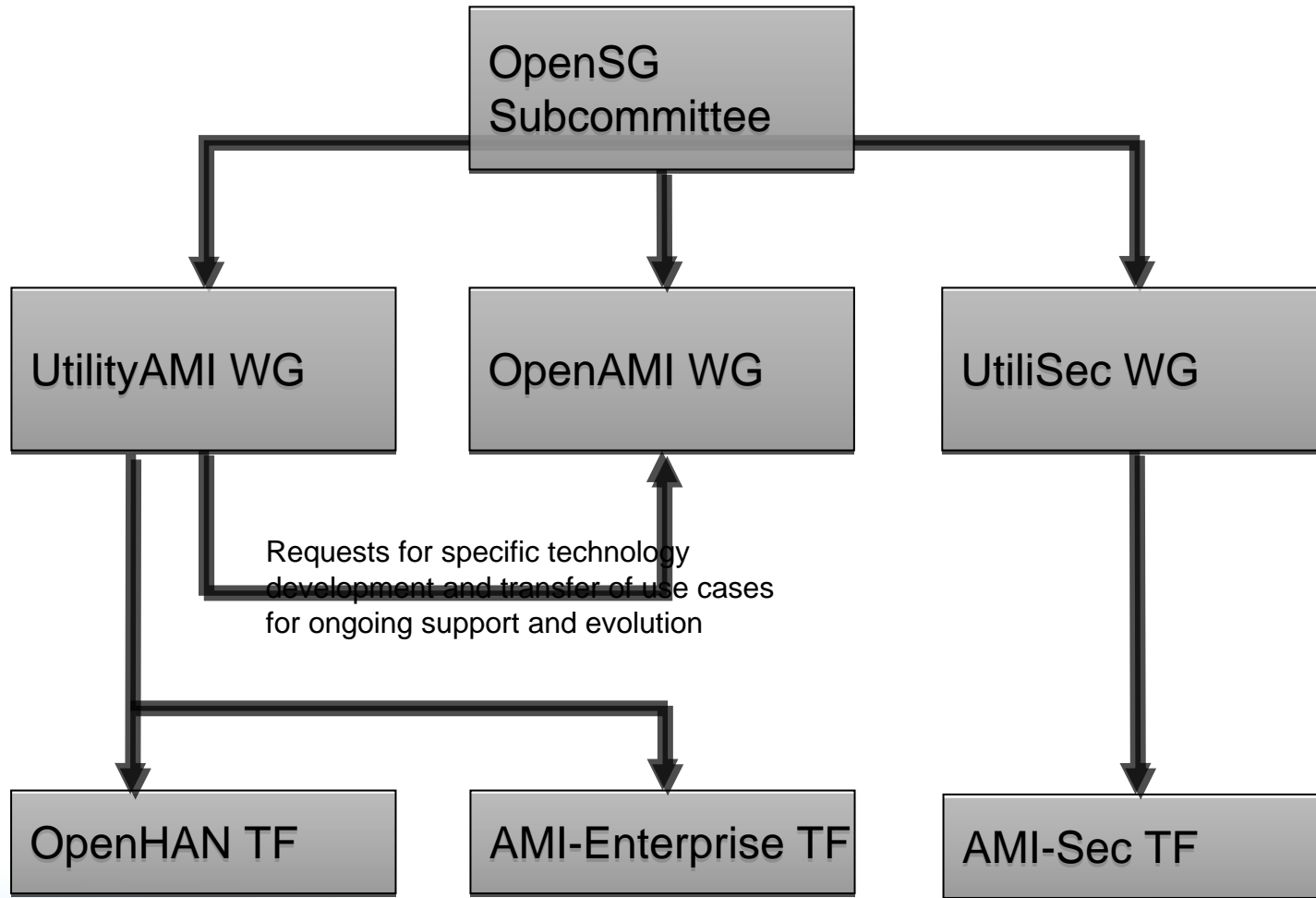
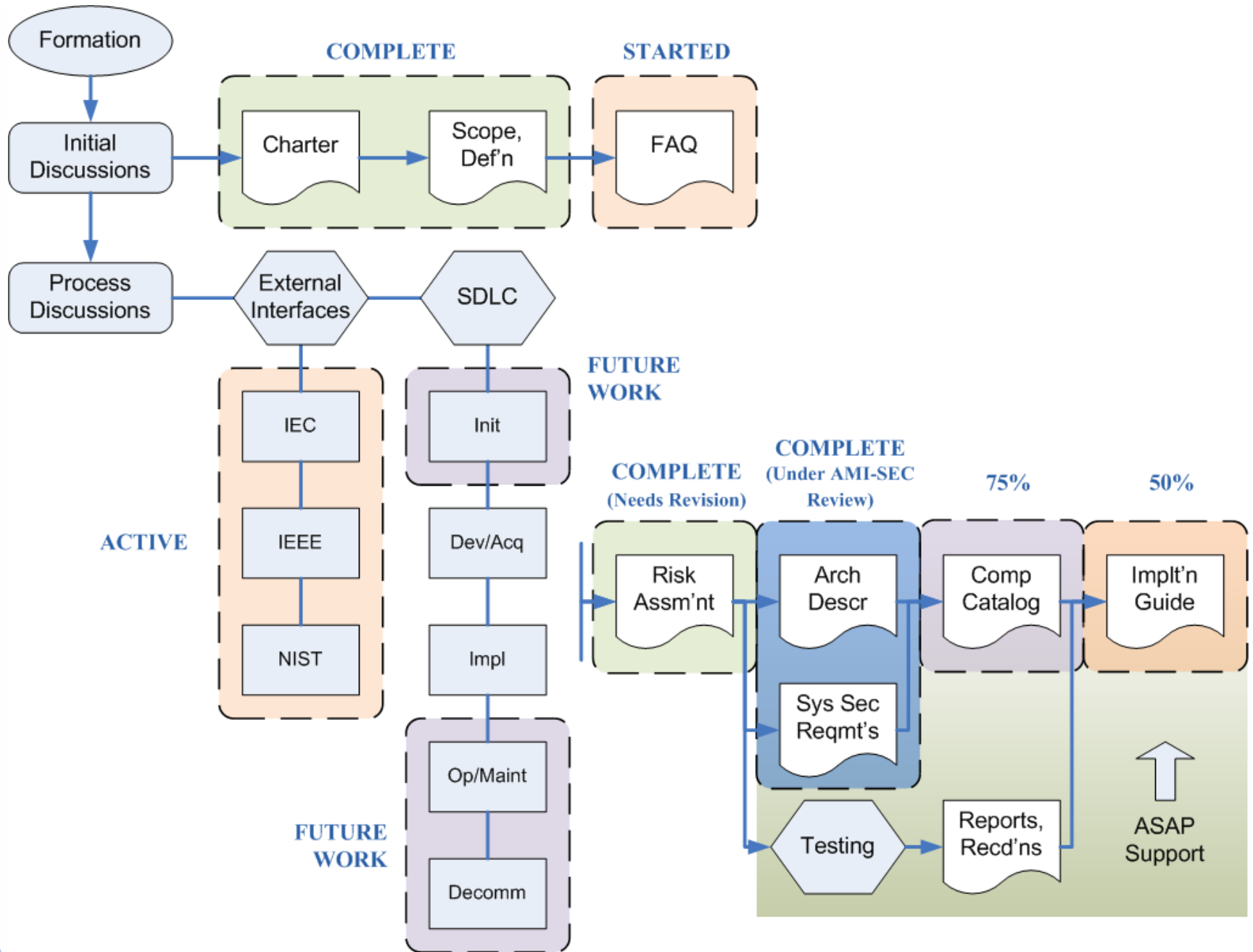13:45   Planning and future logistics

14:00   Adjourn

UCA International Users Group Organization Chart

Open Smart Grid Subcommittee

Charter & Purpose Statement

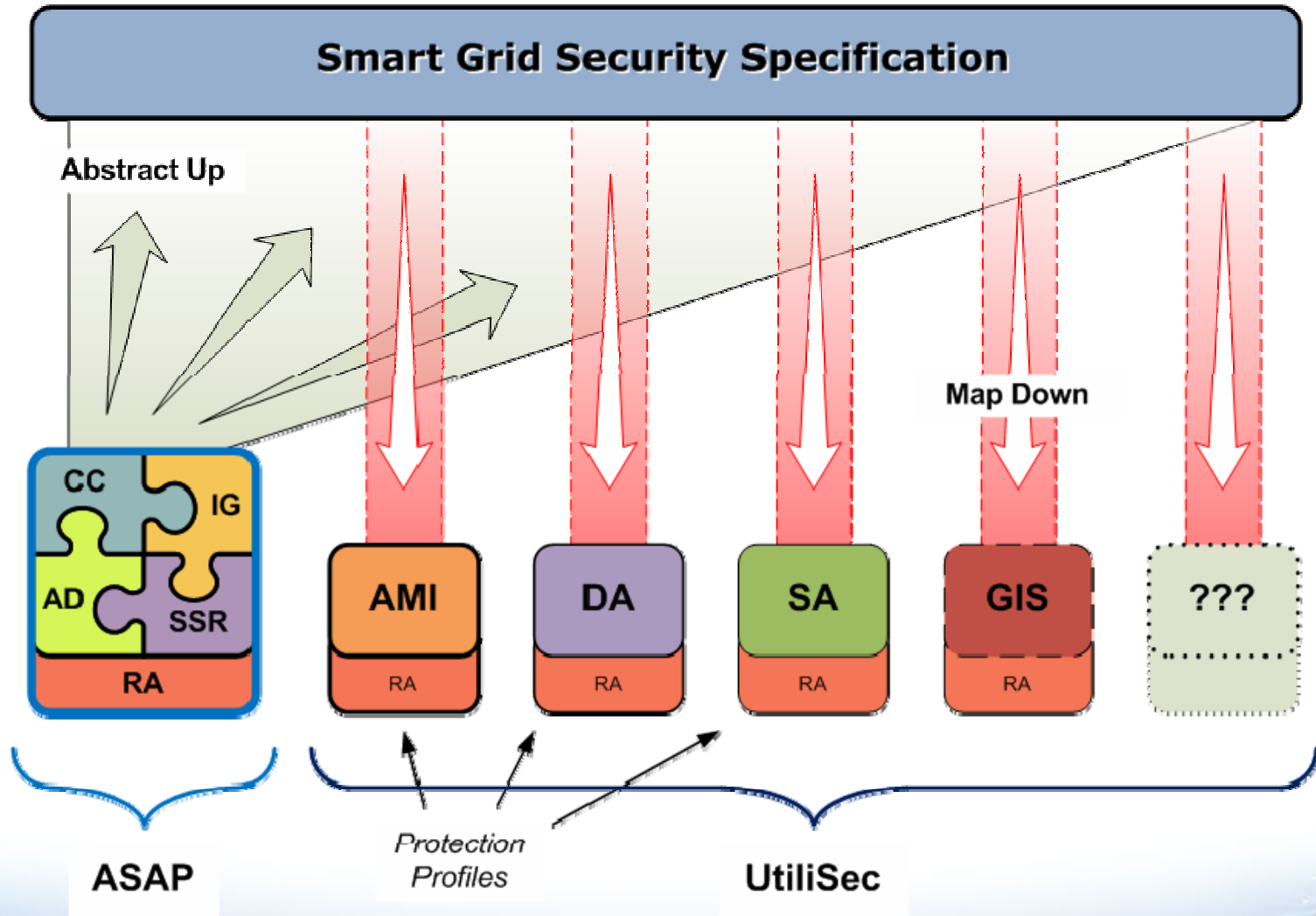- Proposed update (go to doc)
- Discussion

System Security Requirements & Guidelines

- Q&A
- Next steps
  - Press release
  - Revisions / modifications

Leveraging the SSR&G into UtiliSec

Component Catalog

- Status update
  - Bobby Brown
- Discussion

Implementation Guide

- Status update
  - Darren Highfill
- Discussion

Supplemental ASAP Deliverables – INL

Gary Finco, Idaho National Laboratory

- AMI Vendor Product Analysis ("table-top")
- Cyber Security Procurement Language for AMI
- Testing and Assessment Methodologies for Wireless AMI Technologies

2009 Planning

- UtiliSec
  - Align mission/objectives/goals with description of smart grid
  - Examine SDO/consortium work relevant to risk assessment, security technology, and standards
    - E.g., Common Criteria
    - Tracking Best Practices for SOA, Enterprise Bus, etc.
  - Sources of requirements originating in policy (i.e., NERC CIP)
    - Stakeholder identification
  - Real-time pricing with the Pentagon
  - Transformation of SSR, etc. to SGSS
    - Traceability between documents
    - Multiple smart grid applications
    - Clean-up pass
    - Firm up survivability requirements

- AMI-SEC
  - Key management, operational security, network management
  - Finish Component Catalog, Implementation Guide

AMI Attack Methodology

Matt Carpenter, Inguardians

- Presentation

- Document will be available to utilities funding ASAP and vendors participating in testing

UtiliSec 2009

- Transformation of SSR to Smart Grid Security Spec and AMI Protection Profile?

- Identification of another smart grid application for focus?

Planning & Logistics

2009

- April 14-16
  - Miami (FPL)
- July 14-16
  - Columbus (AEP)
- October 20-22
  - Knoxville (EnerNex/EPRI)

2010

- January
  - Miami (FPL)

- Proposed telecon dates:
  (3-week schedule)
  - January 29
  - February 19
  - March 12
  - April 2
- Move to Thursdays
  - 2-3pm EST
    11am-12pm PST

Questions?

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AMI-SEC Collaboration Site
http://osgug.ucaiug.org/utilisec/amisec