AMI-SEC Task Force

December 10th Teleconference

→NERC/DC, SSR & Component Catalog

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Agenda

- ASAP NERC CIP Meeting
- ASAP D.C. Meeting Status
- SSR out for vote
  - Votes due in by Monday, Dec. 15th at 5 PM EST
- Component Catalog
- Upcoming Meetings

NERC CIPC

- CIPC – Critical Infrastructure Protection Committee
  - Presentation on AMI-SEC, ASAP provided Dec. 3rd
  - Set up and introduced by Hank Kenchington (DOE) and Bill Muston (Oncor)
- Well received
  - Good engagement, several questions
  - Possibility of establishing liaison
- Impressions
  - Sizeable, formal, process-centric
  - Actively managed, sense of urgency/purpose

NERC CIP Standards Drafting Team

- Met Dec. 4th-5th
- Currently in first of three phase process
  - Phase 1: Addressing the high-priority items delineated by FERC order 706
    - e.g., the phrases "reasonable business judgment" and "where technically feasible."
    - These items are to be addressed by July 1st, 2009.
  - Phase 2: Addressing the majority of remaining issues delineated by FERC order 706.
    - This phase runs through October 2010.
  - Phase 3: Addressing challenging/complex issues that could not be resolved in Phase 2.

NERC CIP Standards Drafting Team

- CIP's and AMI
  - SDT remains adherent to position that distribution assets are not in their purview
  - Less agreement about whether SDT should be concerned about distribution assets
  - Protection of bulk power assets vs. protection of distribution assets
- More pressing issues on the plate

DC Briefings

- Original plan
  - Scheduled
    - U.S. House Committee on Homeland Security
    - Federal Smart Grid Task Force
  - In the works
    - Department of Homeland Security
    - National Association of Regulatory Utility Commissioners

- Postponement
  - Scheduling / Logistics problem for FSGTF
  - Complications with attendees

SSR

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- Annex A – Business Functions as Stakeholders in AMI Systems v2 added (D. Houseman & F. Cleveland)
- Security concern numbering dropped
- Language about requirements formatting added
- Comments by PG&E reconciled
- Functional requirements cleaned up (B. Brown and J. Ivers)

Component Catalog

Purpose:

- To get from requirements to components
- To educate utilities, vendors, etc. about security component's role in AMI
- To get from components to design and implementation

Future Location:

http://www.smartgridipedia.org

Component Catalog

Criteria:

- Must embody or enable relevant AMI security policy/ requirement

- Can be an algorithm

- Cannot be a product (should be generic, e.g., firewall, router, gateway, etc.)

- Assures business value or system function

- Must be available/procurable in the market

Component Catalog

Entry Structure:

- Component Name

- Component Description

- References (links, articles, vendors, etc.)

- Notes

- Service Domains (Utility Enterprise, Automated Network, Managed Network, Communication, Utility Edge, Premise Edge)

- Requirements Class(es) – FCP, FIN, FAV, FID, FAT, FAZ, FAC, etc.

Planning / Logistics

- Face-to-Face
  - January 8th, 9am-2pm EDT
    - UtilityAMI WG meetings run 6th – 8th
  - Hosted by EPRI:
    Starr Auditorium
    3420 Hillview, Building B.
    Palo Alto, CA 94304
- Hotels
  - Creekside Inn ($155)
  - Dinah's Garden Hotel ($165-$175)

Planning / Logistics

Following Face-to-Face Meetings:

- April 14th-16th hosted by FPL in Miami, FL
- July 14th-16th hosted by AEP in Columbus, OH
- October 20th-22nd hosted by EnerNex in Knoxville, TN