NERC
NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION

Agenda
Cyber Security Order 706 SDT — Project 2008-06

January 19, 2010 | 1:00 PM to 5:00 PM EST
January 20, 2010 | 8:00 AM to 5:00 PM EST
January 21, 2010 | 8:00 AM to 5:00 PM EST
January 22, 2010 | 8:00 AM to 3:00 PM EST

Georgia Transmission Corporation
2100 East Exchange Place
Tucker, GA

NOTE:
1. Agenda Times May be Adjusted as Needed during the Meeting
2. Drafting Group Meetings May Not Have Access to Telephones and

Proposed Meeting Objectives/Outcomes

- Review the CSO 706 SDT 2010 Workplan
- Receive update on the CIP 002-4 filing and review process lessons learned
- Receive updates on other related cyber security initiatives
- Receive a NERC update on implementing the CIP Communication Plan
- Review, discuss and test consensus for CIP guiding principles
- Review strawman documents, discuss and test consensus for CIP security controls approach, guidance, scope and applicability.
- Convene CIP Security Controls Drafting Groups
- Review Drafting Group Reports and Provide Feedback
- Agree on next steps and assignments

Draft Agenda

Tuesday	**January 19, 2009**
1:00 p.m.	Welcome and Opening Remarks- *Jeri Domingo-Brewer & Phil Huff*
	Roll Call; NERC Antitrust Compliance Guidelines
	Facilitator review and SDT acceptance of December 15-16, 2009 Little Rock SDT meeting summary
1:15	Review of Meeting Objectives, Agenda and Meeting Guidelines- *Bob Jones*
1:20	Review of CSO 706 SDT Workplan- January-June, 2010- *Stu Langton*
1:40	Update on CIP 002 Filing- Process Lessons Learned- *Joe Bucciero*

2:00	Other Updates on other related cyber security initiatives- *NERC Staff and SDT Members*
2:15	NERC Update on Implementing the CIP Communication Plan
2:30	Overview of Security Controls Strawman Documents and Drafting Group Process
2:	*Break*
3:00	Review, Rating and Consensus Testing of Principles
4:00	Review Strawman Security Controls Categories and Proposed Drafting Sub-Teams
4:30	Review and Consensus Testing of Sources for Controls
5:00	Review of Required Elements for Each Security Control
5:15	Member Drafting Sub-Teams Preference Survey
5:25	Review of Proposal for Wednesday Agenda and Drafting Groups
5:30	*Recess*

Wednesday	**January 20, 2010**
8:00	Welcome and Agenda Review- *Jeri Domingo-Brewer & Phil Huff*
8:10	Review of CIP Security Controls Drafting Template- *Scott Mix and Howard Gugel, NERC*
8:45	Review and Agree on Proposal for Drafting Security Controls and Sub Team Members
10:00	Convene Organizational Meetings of SDT Cyber Security Controls Sub Teams
12:00	*Working Lunch*
12:45	Reconvene SDT Cyber Security Controls Sub Teams
3:15 5	*Break*
3:0	Sub Team Organizational Reports, Requests and Needs and Full Team Feedback
4:50	Review Assignments and Thursday Agenda
5:00	*Recess*

Thursday	**January 21, 2010**
8:00	Welcome and Agenda Review- *Jeri Domingo-Brewer & Phil Huff*
8:15	Review any Drafting Group Requests/Needs
8:30	Reconvene SDT Cyber Security Controls Sub Teams
12:00	*Lunch*
	Reconvene SDT Cyber Security Controls Sub Teams
2:45	*Break*
3:00	Sub Team Reports and Full Team Feedback
4:50	Review Assignments and Friday Agenda
5:00	*Recess*

Friday	**January 22, 2010**
8:00	Welcome and Agenda Review- *Jeri Domingo-Brewer & Phil Huff*
8:15	Review any Drafting Group Requests/Needs
8:30	Reconvene SDT Cyber Security Controls Sub Teams
12:00	*Lunch*
12:30	Sub Team Reports and Full Team Feedback
2:30	Review and Agree on Next Steps for Developing Security Controls (CIP 003-009) and Work plan for February 2010 Meeting on CIP 002-4 Industry Comments
	Meeting Evaluation
3:00	*Adjourn*

PROJECT 2008-06 CYBER SECURITY ORDER 706 SDT MEMBERS

1. Rob Antonishen	Ontario Power Generation
2. Jeri Domingo-Brewer, Chair	U.S. Bureau of Reclamation
3. Jim Brenton	ERCOT
4. Jackie Collett	Manitoba Hydro
5. Jay S. Cribb	Information Security Analyst, Southern Company Services
6. Joe Doetzl	Manager, Information Security, Kansas City Pwr. & Light Co.
7. Sharon Edwards	Duke Energy
8. Gerald S. Freese	Director, Enterprise Info. Security America Electric Pwr.
9. **Phillip Huff, Vice Chair**	Arkansas Electric Coop Corporation
10. Doug Johnson	Exelon Corporation – Commonwealth Edison
11. Frank Kim	Ontario Hydro
12. Rich Kinas	Orlando Utilities Commission
13. John Lim, Chair	CISSP, Department Manager, Consolidated Edison Co. NY
14. David Norton	Entergy
15. Christopher A. Peters	ICF International
16. David S. Revill	Georgia Transmission Corporation
17. Scott Rosenberger	Luminant Energy
18. Kevin Sherlin	Sacramento Municipal Utility District
19. Jonathan Stanford	Bonneville Power Administration
20. Keith Stouffer	National Institute of Standards & Technology
21. John D. Varnell	Technology Director, Tenaska Power Services Co.
22. William Winters	Arizona Public Service, Inc.
Roger Lampilla	NERC
Scott Mix	NERC
Dave Taylor	NERC
Howard Gugel	NERC
Joe Bucciero	NERC/Bucciero Consulting, LLC
Robert Jones	FSU/FCRC Consensus Center
Hal Beardal	FSU/FCRC Consensus Center
Stuart Langton	FSU/FCRC Consensus Center

**CSO 706 SDT MEETING SCHEDULE
JANUARY –DECEMBER 2010**

**REFINEMENT AND ADOPTION OF CIP-002 VERSION 4 AND DEVELOPMENT AND ADOPTION OF CIP
STANDARDS (003-009)
JANUARY 2010–DECEMBER 2010**

- *SDT Security Controls Member Survey- December 30-January 6, 2010.*
- January 6- SDT Conference Call to Review Survey Results and Strawman Drafting Group
- January 11- SDT Strawman Drafting Group Conference Call
- January 14- SDT Strawman Drafting Group Conference Call

18. January 19-20–21-22 — Tues-1 PM- to Friday 3 PM, Tucker, GA (GTC)
- SDT reviews and refines security control drafting principles, strawman approach and subteams.
- SDT Security Controls Sub Teams begin drafting.

Interim Security Control Sub Team Conference Call Drafting Meetings

19. February 16, 17, 18 &19 —Tues-1 PM to –Friday 3 PM, Austin TX (ERCOT)
- SDT Reviews Industry Comments and Refines CIP 002-4 for posting for 45-day industry formal comment period.
- SDT Sub Team Progress Reports

Interim Security Control Sub Team Conference Call Drafting Meetings

20. March 9, 10, 11 & 12 — Tues-1 PM –Friday 3 PM, Phoenix, AZ (APS)
- SDT Security Control Sub Teams continue strawman drafts
- Review, Compile and Agree on an initial draft Security Controls Text

Interim Security Control Sub Team Conference Call Drafting Meetings

21. April 13, 14, 15 & 16 — Tues.-1 PM- Friday 3 PM, Atlanta GA (Southern Co)
- SDT Reviews and Responds to Industry Comments, Refines and Adopts CIP 002 for balloting
- SDT review and reach consensus on a draft CIP 003-009 for informal industry comment.

Interim Security Control Sub Team Conference Call Drafting Meetings

22. May 11-12–13 & 14 — Tues 1 PM- 3 PM Friday, Dallas TX (Luminant)
- SDT reviews Industry 1st Ballot Comments and Drafts Responses
- SDT reviews CIP Security Controls informal industry comments and refines the draft.

Interim Security Control Sub Team Conference Call Drafting Meetings

23. June 8-11- Tues- Fri. (Sacramento)
- SDT refines CIP Security Controls and posts for 2nd round of informal industry comments and refines the draft.

Interim Security Control Sub Team Conference Call Drafting Meetings

24. July 13-16, Tues-Fri., Pittsburgh, PA (CERT)
- SDT reviews CIP Security Controls informal industry comments and refines the draft.

Interim Security Control Sub Team Conference Call Drafting Meetings

25. August 10–13, Tues-Fri TBD
- SDT refines CIP 003-009 and posts for formal 45 day industry comment

Interim Security Control Sub Team Conference Call Drafting Meetings

26. September 7,8,9, Tues-Fri. TBD (if needed)

27. Oct. 12–15, Tues–Friday- TBD
- SDT Reviews and Responds to Industry Comments, Refines and Adopts CIP Security Controls for balloting

28. November 16–19, Tues-Fri - TBD
- SDT reviews Industry 1st Ballot Comments and Drafts Responses

29. December 14–17, Tues-Fri.- TBD

DEVELOPMENT OF CIP VERSION 2 AND NEW VERSION FRAMEWORK
OCTOBER 2008–JULY 2009

1. October 6–7, 2008 — Gaithersburg, MD Reviewed CIP-002-CIP-009, Agreed on Version 2 approach.

2. October 20–21 —Sacramento, CA CIP-002-CIP-009 Version 2 development

3. November 12–14, 2008 — Little Rock, AR CIP-002-CIP-009 Version 2 adoption for comment and balloting; CIP-002-CIP-009 New Version process reviewed.

4. December 4–5, 2008 — Washington D.C. CIP-002-CIP-009 Version 3 reviewed and debated, SDT member white "working" papers assigned, Technical Feasibility Exceptions white paper reviewed and refined.

5. January 7–9 — Phoenix, AZ, Reviewed Technical Feasibility Exceptions white paper, reviewed industry comments on CIP-002-CIP-009 Version 2 products — established small groups to draft responses, reviewed New Version white "working" papers.

January 15 — WebEx meeting(s) Small group drafted responses to industry Version 2 comments.

January 21 — WebEx meeting(s) Small group drafted responses to industry Version 2 comments.

6. February 2–4, 2009 — Phoenix, AZ Update on NERC Technical Feasibility Exceptions process**,** VSL process and SDT role**,** review of Version 3 White papers, strawman and principles**,** reviewed and adopted SDT responses to industry comments on Version 2 and Version 2 Product Revisions.

7. February 18–19, 2009 — Fairfax, VA Update on Version 2 process**,** NERC TFE process and VSL Team process; reviewed, discussed and refined Version 3 CIP-002 White papers, strawman, and principles.

8. March 10–11, 2009 — Orlando, FL Update on NERC TFE and VSL and VRF Team process and review and refine Version 3 CIP-002 Strawman Proposals

March 2–April 1, 2009 — 30-day Pre Ballot

Mid-March — NERC posts TFE draft Rules of Procedure for industry comment

March 30, 2009 — WebEx meeting(s) White Paper Drafting Team

April 1–10 — NERC Balloting on Version 2 Products

April 6, 2009 — WebEx meeting — White Paper Drafting Team

April 8, 2009 — WebEx meeting(s) — White Paper Preview- Full SDT Conference Call

April 11, 2009 — Version 2 Ballot Results (Quorum: 91.90% Approval: 84.06%) and Industry Comments

9. April 14–16, 2009 — Charlotte NC Update on NERC TFE process, VSL Team process and NERC Critical Assets Survey; agreed and adopted responses for Version 2 industry comments for recirculation ballot; reviewed and refined Version 3 whitepaper and consensus points and progress report to NERC Member Representative Committee (MRC) May meeting.

April 28 and May 6, 2009 — White Paper Drafting Team Meetings and WebEx

April 17–27, 2009 — Recirculation Results: Quorum: 94.37% Approval: 88.32%

May 5, 2009 — NERC MRC Meeting, Arlington, VA- SDT progress report.

10. May 13–14, 2009 — Boulder City NV Reviewed MRC presentation and further SDT refinement and discussion of the Version 3 White Paper.

June 8 and June 15, 2009 — Working Paper Drafting Team Meetings and WebEx

11. June 17–18, 2009 — Portland OR Further SDT refinement of the draft CIP Version 3 Working Paper(s), reviewed SDT development process for June-December 2009; discussed potential SDT subcommittee structure and deliverables.

- *June — WebEx meeting(s)*
- *Working Paper drafting group sessions including inputs from selected industry personnel to help establish BES categorization criteria*

CIP-002 DEVELOPMENT OF REQUIREMENTS, MEASURES, ETC. JULY-DECEMBER 2009

12. July 13–14, 2009 in Vancouver, B.C., Canada

SDT reviewed, refined, and adopted SDT Working Paper. SDT adopted its response to NERC for Interpretation of CIP-006-1. SDT reviewed and adopted a proposal for CIP-002 Subgroups and Deliverables and convened subgroup organizational meetings to develop work plans. SDT adopted 2010 Meeting Schedule.

- *July–August Interim Conference call meeting(s)*
- *CIP-002 Subgroup meetings*
- *CIP-002 Coordination Team meeting*
- *August 3–5, 2009 in Winnipeg, Manitoba **NERC Member Representative Committee**. Progress Report and presentation on new CIP Version 3 Working Paper-Concept-Reliability Standards on Cyber Security for MRC input.*

13. August 20–21, 2009 in Charlotte, NC. SDT reviewed and responded to MRC input on Working Paper/CIP-002 Concepts and convened SDT Subgroup and plenary meetings to develop CIP-002 requirements and "proof of concept" control (s).

- *July–September — 45-day Industry Comment Period on CIP-002 Concept Working Paper*
- *NERC Webinar- August–September Interim Conference Call meeting(s)*
- *CIP-002 Subgroup meetings (as ne*
- *CIP-002 Coordination Team meeting*

14. September 9–10, 2009 in Folsom, CA. SDT reviewed and considered industry comments on the Working Paper and CIP-002 concepts and their application to the subgroup work and addressed coordinating issues through joint subgroup meetings. SDT agreed on meeting dates and proposed locations for January–December 2010

September–October Interim WebEx meeting(s)

- *FERC Version 3 Urgent Action SDT conference call meetings*
- *CIP-002 Coordination Team meeting*

CIP VERSION 3 RESPONSE TO FERC ORDER, OCTOBER-DECEMBER, 2009

15. October 20–22, 2009 in Kansas City, MI. Reviewed new FERC Order and urgent action CIP Version 3 process; discussed key issues raised by SDT CIP 002 Subgroups, small group meetings and agreement on refinements to the CIP 002-009 schedule and drafting process for CIP 002-4.

- *October–November Drafting Team meeting(s)*
- *CIP-002 Coordination Team meeting*

16. November 16–19, 2009 in Orlando, FL

- SDT review, refine and adopt Version 3 "industry response" document.
- SDT plenary and drafting group session(s) — to draft, review and refine CIP-002-4 standard, requirements, measures and controls and related documents.
- November–December Interim Conference call meeting(s)

- Drafting teams as needed to finalize draft CIP 002-4 documents
- CIP-002 Coordination Team meeting
- *CIP 002-4 Drafting Team produces next draft based on Orlando Meeting input.*
- *December 2 CSO 706 SDT Version 3 Consideration of Comments Draft Conference Call*
- *December X, CSO 706 SDT CIP 002-4 Preview Conference Call*

17. December 15–16, 2009 in Little Rock AK

- SDT scenario "walk through" to test flow of CIP 002-4.
- SDT plenary and drafting group session(s) to review, refine, and agree on and adopt CIP-002-4 standard, requirements, measures and controls and related documents.
- Agree on initial posting of draft CIP-002-4 for industry review and comment.
- Agree on next steps and 2010 Workplan and schedule

- December 28, 2009 SDT Conference Call on CIP 002-4
- December 30, 2009 SDT Leadership Call- Security Controls Survey Draft