

Critical Infrastructure Protection Committee Minutes

Sheraton St. Louis City Center Hotel & Suites
400 South 14th Street
St. Louis, MO 63103

Critical Infrastructure Protection Committee (CIPC) Chairman Barry Lawson called to order a duly noticed, regular meeting of the Critical Infrastructure Protection Committee on September 14, 2011 at 1:04 p.m., local time, and a quorum was declared present. The meeting announcement, agenda, and list of attendees are attached as **Exhibits A, B, and C**, respectively.

Chairman Mr. Barry Lawson, NRECA, presided.

Secretary Mr. Scott Mix, NERC CIP Technical Manager, announced a quorum of 29 members including the following proxies:

1. Bill Muston for Scott Rosenberger
2. Rich Kinas for the open FRCC position
3. Mike Mertz for Jamie Sample
4. Brad Hyland for Robert Richhart
5. Mark Engels for the open SERC position

NERC Antitrust Compliance Guidelines

Mr. Mix called attention to the NERC Antitrust Compliance Guidelines distributed with the agenda and read the statement concerning publicly announced meetings.

Introductions of Members, Alternates, Associates, and Others

Mr. Mix called for introductions of members of the CIPC and other attendees, and requested all present sign in on the sign-in sheet being passed around.

Approval of Agenda

Mr. Lawson presented the agenda for approval and indicated that due to timing issues and scheduling constraints, the agenda order would be modified as necessary during the meeting. Additionally, a presentation from Mr. Carl Eng, Dominion, on the impact of a tornado to the switchyard of the Surry plant will be added. Upon **motion** by Carl Eng, seconded by Robert McClanahan, the agenda for the September meeting was adopted.

Note: Slides from the presentations from this meeting are available at <http://www.nerc.com/filez/cipmin.html>.

Approval of Minutes

Mr. Mix presented the minutes of the June 2011 meeting, and noted only one set of editorial corrections had been submitted. No additional changes or corrections were offered in the meeting. Subject to the supplied corrections, and upon **motion** by Mr. Carl Eng, seconded, by Mr. Robert McClanahan, the minutes of the June 2011 meeting were approved.

Spare Equipment Database Task Force Report

Mr. Mark Lauby, NERC Vice President and Director, Reliability Assessments and Performance Analysis, presented the report of the Spare Equipment Database task Force on behalf of Mr. Dale Burmester, chair of the group (**Presentation 1**). Mr. Lauby noted that the Planning Committee had previously approved the report, and OC had previously endorsed the report. Upon **motion** by Mr. Jim Brenton, seconded by Mr. Mark Engels, the CIPC endorsed the report.

Chair's Report

CIPC Chair Mr. Barry Lawson, NRECA, provided CIPC with his report (**Presentation 2**), highlighting the issues before CIPC at this meeting, CIPC-Executive Committee activities since the last CIPC meeting, items of note from the NERC Board of Trustees meeting, and a brief overview of activities in Washington, DC.

Election of CIPC Chair and Vice-Chairs

Mr. Robert McClanahan, AECC, and chair of the CIPC Nominating subcommittee, presented an overview of the CIPC election process (**Presentation 3**).

The Nominating Subcommittee's slate for CIPC Chair was Charles Abell, Ameren. Mr. Mix called for any nominations from the floor. Mr. David Grubbs **moved**, seconded by Mr. Jim Brenton, that nominations cease and Mr. Abell be elected by acclamation. The motion passed.

The Nominating Subcommittee's slate for CIPC Vice-Chairs was Jim Brenton, ERCOT and Nathan Mitchell, APPA. Mr. Mix called for any nominations from the floor. Mr. David Grubbs **moved**, seconded by Mr. Carl Eng, that nominations cease and Mr. Brenton and Mr. Mitchell be elected by acclamation. The motion passed.

On behalf of CIPC, Chair Lawson congratulated Mr. Abell, Mr. Brenton and Mr. Mitchell on their elections.

Mr. McClanahan then reminded CIPC that elections for the open slots on the CIPC Executive Committee will be held at the December meeting, and that representatives from the Nominating subcommittee would be seeking candidates to fill those positions.

NERC Update

Mr. Mark Weatherford, NERC Vice President and Chief Security Officer, Mr. Tim Roxey, NERC Director - Risk Assessment and Technology Division, Mr. Scott Mix, and Mr. Brian Harrell, Manager of CIP Security Standards, Training and Awareness Division, provided an update on recent and ongoing NERC activities (**Presentations 4, 5 and 6**).

Mr. Weatherford announced that Mr. Bob Canada, recently retired CIPC Vice-Chair has been hired by NERC, and will be working with CIPC and other related CIP physical security projects. He also highlighted some NERC activities, including the upcoming Grid Security Conference (GridSecCon 2011), the Grid Exercise (GridEx 2011), the Sufficiency Review Program, the Cyber Risk Preparedness Assessments, the Coordination Action Plan Task Forces, and the 2012 Critical Infrastructure Department Strategic Plan. He also discussed recent activities of the Partnership for Critical Infrastructure Security (PCIS).

Mr. Weatherford proposed three items for consideration by CIPC as activities:

- Support the ESCS WG Roadmap to Achieve Energy Delivery Systems Cybersecurity
- Electricity Sector Personnel Security Clearances
- NERC Security Metrics Development

Mr. Roxey provided an update on the ES-ISAC activities, and recently-issued NERC Alerts.

Mr. Mix provided an overview of CIP Standards Version 5 development activities, and the activities of the CIP Interpretation Team. He also noted that FERC is schedule to take action on the submitted CIP Version 4 standards at their September 15, 2011 open meeting.

Mr. Harrell provided a detailed presentation on the GridSecCon and GridEx activities scheduled respectively for October 18-20, 2011 and November 16-17 2011. He also provided a brief overview of the Sufficiency Review Program, and noted that the program will be continuing into 2012, and NERC is looking for volunteers for 2012.

FBI Presentation

Mr. Jeff Morgan, FBI Energy Sector Cyber Analyst, provided an unclassified overview of the classified report entitled “U.S. Electricity Sector Faces High Cyber Exploitation Threat, Low Cyber Attack Threat” (**Presentation 7**).

CIPC members with appropriate security clearances are encouraged to contact their local FBI field offices, to obtain access to the classified version of the report for review at their respective FBI offices. Requests should reference the title of the report (noted above), or Mr. Morgan’s name.

Risk Management Program (RMP) Update

Mr. Harrell provided an overview of the recently released joint DOE / NERC / NIST Electricity Sector Cybersecurity Risk Management Process Guideline (**Presentation 8**). The guideline is posted for public comment. Information on how to obtain a copy of the document, and how to access the website to provide comments is included in the presentation.

NESCO Update

Mr. Stacy Bresler, National Electric Sector Cybersecurity Organization (NESCO) Co-Principal Investigator, provided an overview of recent NESCO activities (**Attachment 1**).

At 4:56 PM, the CIPC adjourned for the day.

At 8:07 AM on September 15, 2011, CIPC resumed. Mr. Mix reminded the members present that the meeting was subject to the NERC anti-trust guidelines, and was still a public meeting.

Mr. Lawson noted that at the CIPC Executive Committee meeting the previous night, the EC has scheduled a face-to-face meeting for the first week in November, tentatively at the NERC Atlanta Office, for the purpose of beginning work on the CIPC Strategic Plan. The CIPC EC will also consider the items presented by Mr. Weatherford as potential CIPC activities. This status of the plan will be presented at the December meeting. An email will be sent to CIPC prior to the November CIPC EC meeting seeking input on items to include in the CIPC Strategic Plan.

Coordinated Action Plan Overview

Mr. Stuart Brindley, SJBrindley Consulting and NERC Contractor, provided an overview of the Coordinated Action Plan activities since the last CIPC meeting (**Presentation 9**). He noted that CIPC members should be on the lookout for reports from the remaining task forces, and encouraged the membership to review and provide comments to the reports as they are received.

Cyber Attack Task Force Report

Mr. Mark Engels, Dominion, and chair of the Cyber Attack Task Force, provided an overview of the task force activities (**Presentation 10**). He noted that the Task Force report will be ready for CIPC review at the end of September. CIPC members should provide their comments to the report during that 30-day comment period, in anticipation of approving the Task Force Report at the December CIPC meeting.

CIPC Working Group and Task Force Reports Control System Security Working Group

Mr. Engels also provided an update on the activities of the Control Systems Security Working Group (CSSWG) (**Presentation 11**). He noted that many of the CSSWG's activities have been deferred due to the activities of the CATF; however, they are nearly ready for initial CIPC review of the Patch Management for Control Systems guideline. CIPC members should expect notice of that guideline prior to the December CIPC meeting.

Substation Security Guideline Task Force Report

Mr. John Breckenridge, KCP&L, and chair of the Substations Security Guideline Task Force provided an overview of recent task force activities (**Presentation 12**). He noted that the guideline would likely be released for initial CIPC 30-day review prior to the December meeting, and hoped that the final guideline would be ready for CIPC approval at the March meeting.

Protecting Sensitive Information Guideline Task Force Report

Mr. Nathan Mitchell, APPA, and chair of the Protecting Sensitive Information Guideline Task Force provided an overview of the recent task force activities (**Presentation 13**). He noted that the task force's guideline had recently been posted for its initial 30-day CIPC review, and that the comment period would run from September 19, 2011 to October 19, 2011. He also alerted CIPC that, in order to keep the process moving, an email vote to approve the guideline for its 45-day broad industry comment period could happen prior to the December meeting.

Business Continuity Guideline Task Force Report

Mr. Darren Myers, Progress Energy and chair of the Business Continuity Guideline Task Force provided an overview of the changes made to the guideline following its 45-day industry posting (**Presentation 14**). Upon **motion** by Darren Myers, seconded by John Breckenridge; the guideline was approved as a CIPC guideline. Mr. Mix will perform any final formatting (including putting the guideline into the new NERC document template) and post it as a final-format CIPC approved guideline on the NERC website. The BOT will be informed of this guideline approval.

National Threat Advisory System (NTAS) updates to existing CIPC Guidelines

Mr. Lawson informed CIPC that at the next CIPC Executive Committee meeting the two existing CIPC guidelines that reference the now revised five-level Homeland Security Advisory System (HSAS) will be reviewed and task forces may be established to update the guidelines.

Disturbance and Sabotage Reporting (DSR) Standard Drafting Team Report

Mr. Mix provided an overview of the status of the Disturbance and Sabotage Reporting (DSR) Standard Drafting Team, and the associated EOP-004 standard (**Presentation 15**). He noted that the EOP-004 standard should be posted for comment and ballot in the near future.

Adequate Level of Reliability (ALR) Task Force Report

Mr. Kent Kujala, DTE Energy, and CIPC representative to the ALR TF provided an overview of the activities of the ALR TF (**Presentation 16**). He noted that the ALR TF is planning on completing its work sometime early next year, for presentation to the NERC Board of Trustees in May 2012.

DC Activities Update

Mr. David Batz, EEI Manager, Cyber & Infrastructure Security, provided an overview of recent activities in Washington, DC (**Presentation 17**).

Round-Table Discussion

Mr. Mix provided an overview of some of the issues pertaining to the Round-table discussion of moving the technical committee meeting schedule from four times per year to three times per year (**Presentation 18**). Following the presentation, Chair Lawson facilitated the round-table discussion.

Although a majority of CIPC members supported staying with the current 4 meetings per year schedule, several members noted that moving from four times per year to three times per year would help with travel restrictions and issues associated with too much time spent away from the office. Others noted that the amount of work being requested of CIPC could require more meeting time than is provided for in the current eight-hour meeting four times per year. This may be able to be accomplished via longer meetings or more efficient use of meeting time. Independent of this initiative, the CIPC may need to move to a 12-hour four times per year meeting schedule to accommodate the current work load.

Several members voiced concern over possible negative perception by FERC and congress over what could be seen as reduced commitment to critical infrastructure protection. Dave Norton (FERC) stated that FERC would be understanding of reasons to cut back other than cost.

Other members appreciated the idea of additional training opportunities associated with CIPC meetings, and suggested that additional classified briefings would also be beneficial. Many members appreciate the ability to attend the OC and/or PC meetings, and also appreciate the OC and PC members who attend portions of the CIPC meeting, and would encourage the schedule to allow for that as a continuing possibility.

Several members also noted that the current use of the joint OC/PC/CIPC meeting could be made more efficient and effective than it currently is. One member suggested that we might take some meeting time and run parallel meetings, one “track” for physical security, one for cyber security. Others noted that participating in the discussions from the “other discipline” was considered “training”, and felt it beneficial.

Mr. Mix noted that even if the decision is made to move to three meetings per year, the exact date of the transfer has not been determined. At this point, the March 2012 meeting is nearly certain as originally scheduled, and the June 2012 meeting is in the process of being finalized.

Chair Lawson, and incoming Chair Abell agreed to present the CIPC opinions to the Standing Committee Coordinating Group discussions, and will report back on the decision to CIPC as it is made.

CIPC Strategic Plan

As noted previously by Chair Lawson, the CIPC-EC will be discussing the development of a CIPC Strategic Plan at their upcoming meeting. CIPC members are encouraged to send their ideas to Mr. Lawson prior to or following that meeting. An email will be sent to CIPC asking for their input on items to include in the CIPC Strategic Plan.

Blast Protection for Bulk Power Transformers Project Report

Dr. Braden Lusk, Associate Professor of Mining Engineering at the University of Kentucky, provided an overview of research being conducted on Blast and Ballistic Protection for Power Transformers (**Presentation 19**). CIPC was encouraged by the research, and is interested in further research results, including obtaining and promoting the research reports within the industry. Dr. Lusk is also interested in making sure that the research results are communicated to only industry entities with a need to know. Mr. Breckenridge is the on-going contact point for this research, and will keep CIPC updated on the results.

Agency Reports

DHS

Mr. Nick Weber, Energy Sector Specialist, DHS Office of Infrastructure Protection, noted that CIPC members with clearances should have received their annual training packages in email, and should follow the instructions, acknowledging their training requirement by the noted date or else have their clearances administratively removed. He also noted that any CIPC member without a clearance still has time for processing prior to the December classified briefing. Anyone desiring a clearance should contact him at nicholas.weber@dhs.gov.

He also noted that Mr. James Caverly had presented a webinar on NTAS and the PS-PREP program over the summer. That webinar was recorded, and the recording is available via HSIN.

Recap and Closing

Mr. Mix recapped the action items from the meeting, as well as other action items anticipated for the following months:

- Comments on Protecting Sensitive Information Guideline
- Executive Committee nominations
- Document reviews (CAP TF's and CIPC TF's)
- Comments on CIP Version 5 standards
- Comments on EOP-004
- FERC CIP Version 4 standards action

Mr. Mix also noted the following future CIPC Meetings:

- December 14-15: Atlanta, GA (firm)
- March 7-8: Phoenix, AZ (highly likely)

Specific locations and dates for other future meetings will be announced to CIPC as soon as they are arranged.

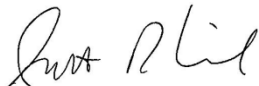
Dominion Tornado Damage Presentation

Mr. Carl Eng, Dominion, presented to the CIPC on damages to the switchyard of the Surry generating plant following a tornado that passed directly through the switchyard. Due to the sensitive nature of some of the pictures and figures, a redacted version is posted (**Presentation 20**).

Adjourn

There being no further business, and upon **motion** by Mr. Jim Brenton, seconded by Mr. Ross Johnson, CIPC was adjourned at 12:05 PM on September 15, 2011.

Submitted by,



Scott Mix
Secretary

From: [Wanda Peoples](#)
 To: [Wanda Peoples](#)
 Subject: NERC ANNOUNCEMENT: Standing Technical Committee's Meetings -- September 13-15, 2011
 Date: Thursday, July 28, 2011 5:08:24 PM



Meeting Announcement: Standing Technical Committee's Meetings September 13-15, 2011 | St. Louis, MO

Meeting Location and Lodging
 Sheraton St. Louis City Center Hotel & Suites
 400 S. 14th Street
 St. Louis, MO 63103
 314-613-6400

[Hotel Reservation Link](#)

Room Block Code: NERC - \$129/night group rate

Room block available for: 9/12-14/2011 - (limited guest rooms available)

Check-in: 3 p.m., Check-out: noon - Check with the hotel directly for early cancellation/departure fees

Hotel cut-off date: August 22, 2011 NOTE: After the cut-off date the hotel will release this block of rooms and only accept reservations on a space-available basis at the prevailing room rate

Dress Code: Business Casual

Group Name	Registration Link	Monday, September 12 Sheraton St. Louis City Center Hotel & Suites	Tuesday, September 13 Sheraton St. Louis City Center Hotel & Suites	Wednesday, September 14 Sheraton St. Louis City Center Hotel & Suites	Thursday, September 15 Sheraton St. Louis City Center Hotel & Suites
EAWG	EAWG Registration	EAWG 1 p.m. – 5 p.m. Room: Colonnade Salon D			
REMG			REMG 7 a.m. – 8:30 a.m. Room: City View B		
CATF				CATF 8 a.m. – Noon Room: City View B	CATF 1 p.m. – 7 p.m. Room: Colonnade Salon D
DHS/IED	DHS/IED Registration			DHS/IED 8 a.m. – Noon Room: Colonnade Salon EF	
CIPINT				CIPINT 10 a.m. – 11 a.m. Room: Breakout Room 2	
OC/PC/CIPC Joint Session	Joint Session Registration		OC/PC/CIPC Joint Session 8:30 a.m. – Noon Room: Colonnade Salon D		
Operating Committee	OC Registration	OC Exec Committee 4 p.m. – 7 p.m. Room: Breckenridge Salon B	OC Working lunch Noon. – 1 p.m. OC 1 p.m. – 5 p.m. Room: Breckenridge Salon BC	OC 8 a.m. – Noon Room: Breckenridge Salon BC OC Exec Committee 1 p.m. – 5 p.m. Room: Breakout Room 2	

Planning Committee	PC Registration	PC Exec Committee 4 p.m. – 7 p.m. Room: Breckenridge Salon C	PC Working Lunch Noon – 1 p.m. PC 1 p.m. – 5 p.m. Room: Colonnade Salon D	PC 8 a.m. – Noon Room: Colonnade Salon D	
Critical Infrastructure Protection Committee	CIPC Registration			CIPC Working lunch Noon – 1 p.m. CIPC 1 p.m. – 5 p.m. Room: Breckenridge Salon BC CIPC Executive Committee 5 p.m. – 7 p.m. Room: Breakout Room 1	CIPC 8 a.m.– Noon Room: Breckenridge Salon BC

NERC will provide a working lunch for OC and PC on 9/13 and a working lunch for CIPC meeting on 9/14 at noon, prior to their respective committee meeting. Schedule includes other associated NERC meetings.

When making your hotel reservation, please be sure to mention "NERC" to get the preferred rate and ensure your reservation is credited to the NERC room block. The hotel will charge NERC a penalty if the total rooms blocked for this event are not picked up. Also, if you use a travel agency for your travel plans, please make sure the agency mentions NERC. For more information or assistance, please contact Wanda Peoples.

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To unsubscribe send a blank email to leave-1266016-603487.bd950aae2b9439ee207900bf0c6d02a4@listserv.nerc.com

Agenda

Critical Infrastructure Protection Committee

September 14, 2011 | 1:00 – 5:00 p.m. (CDT)
September 15, 2011 | 8:00 a.m. – Noon (CDT)

Sheraton St. Louis City Center Hotel & Suites
400 South 14th Street
St. Louis, MO 63103

Administrative

20 min

- a. Welcome and Introductions — Chair Barry Lawson
- b. Arrangements — Secretary Scott Mix
- c. Parliamentary Procedures — Scott Mix
- d. Announcement of Alternates and Quorum — Scott Mix
- e. NERC Antitrust Compliance Guidelines and Public Announcement — Scott Mix

Consent Agenda

1. Minutes*

10 min

- **APPROVE** minutes of June 8, 2011

Regular Agenda

2. CIPC Chair Report — Barry Lawson

15 min

- a. Board of Trustees highlights
- b. Executive Committee activities
- c. Standing Committee Coordinating Group activities

3. Elections of CIPC Chair and Vice Chairs* — Robert McClanahan

15 min

- a. Review of CIPC officer election process
- b. Presentation of candidates
- c. **VOTE** and election

4. NERC/ES-ISAC Updates — Mark Weatherford and NERC Staff

90 min

- a. NERC/CSO update
- b. Electricity Sub-Sector Coordinating Council and PCIS update
- c. ISAC update
- d. Alerts update

- e. Cyber Security Standards update
 - i. CSO706 – “Version 5”
 - ii. Interpretation Team
- f. GridSecCon
- g. GridEx
- h. Sufficiency reviews

5. FBI Briefing	30 min
6. DOE/NIST/NERC Risk Management Framework — Brian Harrell and Matt Light	30 min
7. Coordinated Action Plan Task Force Reports — Stuart Brindley	45 min
a. CATF — Mark Engels	
8. CIPC Working Group / Task Force Updates — Barry Lawson	75 min
a. CSSWG — Mark Engels (15 min)	
b. Substations Guideline Task Force — John Breckenridge (15 min)	
c. Protecting Sensitive Information Guideline Task Force — Nathan Mitchell (15 min)	
d. Business Continuity Guideline Task Force* — Darren Myers (15 min)	
i. APPROVE Guideline*	
e. Updates to Physical and Electronic Response Guidelines based on DHS NTAS updates (15 min)	
f. Spare Equipment Database Task Force* — Mark Lauby	
i. APPROVE Report (see link in attachment)	
9. DSR Standards Drafting Team (Project 2009-01) Update — Scott Mix	10 min
10. Adequate Level of Reliability Task Force (ALRTF) Report	20 min
11. Washington, DC Legislative Activities Update — Dave Batz, EEI	30 min
12. Round-table Discussion*	30 min
a. Changing OC/PC/CIPC meetings from 4 to 3 times per year and from 1 day to 1.5 or 2 days	
13. CIPC Strategic Plan Discussion* — Barry Lawson	30 min
14. Blast Protection for Power Transformers Project*	30 min
Agency Reports	30 min
15. Department of Homeland Security	
16. Department of Energy	
a. National Electric Sector Cybersecurity Organization (NESCO)—(requested)	

17. Public Safety Canada/Royal Canadian Mounted Police

18. Federal Energy Regulatory Commission

Closing

5 min

19. Follow-up Items and Future Actions — Barry Lawson

20. 2011/12 Future Meetings — Scott Mix

- December 14–15, 2011, Atlanta, GA
- March 7-8, 2012**, Phoenix, AZ

*Background material included

**Subject to meeting schedule revisions

COMMITTEE MEETING ATTENDANCE FORM

Committee Name: CRITICAL INFRASTRUCTURE PROTECTION COMMITTEE

Location: St. Louis, MO

Date: September 14-15, 2011

<u>NAME</u>	<u>ORGANIZATION</u>
Scott Mix	NERC
Mark Weatherford	NERC
ROBERT McCANAHAN	AEC
John Breckenridge	KCP
Allen Klassen	Westar / SPP
Jim Brenton	ERCOT
David Grubbs	City of GARLAND / ERCOT
BILL MUSTON	ONCOR / for ERCOT
MICHAEL PUSCAS	NPCC / NU
John Lim	Con Edison / NPCC
Benoît TARDIF	HYDRO. QUÉBEC / NPCC
SCOTT BORDENKIRCHER	APS / WECC
Bob Mathews	Pacific Gas & Electric / WECC
Mike Mertz	PNM Resources / WECC

<u>NAME</u>	<u>ORGANIZATION</u>
ROSS JOHNSON	CAPITAL POWER / Representing CEA
BRAD HYLAND	HOOSIER ENERGY / NRECA
Mark Lawby	NERC
WALLY MAGDA	SAIC
ERIC ERVIN	WESTAR ENERGY
DON ROBERTS	SOUTHERN COMPANY
CHRISTOPHER BROWN	WILLIAMS GAS PIPELINE
JERRY FREESE	AEP
DAVID REVILL	GTC
PAUL FRANSON	OK GAS & ELEC
TOM ALRICH	MATRIXON DR. HONEYWELL
ED GOFF	PROGRESS ENERGY
Rahul Chhabra	BURNS & MCDONNELL
Ted Heller	NSWCOD - SoD
BRIAN HOGUE	NPCC

<u>NAME</u>	<u>ORGANIZATION</u>
DAVE NORTON	FERC
Stacy Bresler	NESCO/ENERGYSEC
RICH KINAS	ORLANDO UTILITIES COMMISSION
STEVEN NOESS	NERC
Michael Johnson	APX Power Markets
Brian Melfant	FRCC
Summer Esquerre	NextEra Energy, Inc.
James Merlo	NERC
RYAN MIKARD	PACIFICORP
Shamir Syed	Deloitte & Touche
Scott Miller	MEAG Power
Ryan Carlson	PCS
Mikhail Falkovich	PSEG,
BRIAN Rudowski	PSEG
Dale Walters	City of Springfield, IL CWL & P

<u>NAME</u>	<u>ORGANIZATION</u>
Paul Nass	City of Spfld., IL. CWLP
Barry Lawson	NRECA
CHUCK ABELL	AMEREN
Larry Bugh	Reliability First
KENT KUJALA	DETROIT EDISON - RFC
Jeffrey Fuller	Dayton Power & Light, RFE
DAVID GODFREY	Texas Municipal Power Agency
NATHAN MITCHELL	AMERICAN PUBLIC POWER ASSOCIATION
CARL J. ENG	DOMINION VIRGINIA POWER-
MARK A. ENGELS	DOMINION
Rich Powell	JEA
Barren Myers	Progress Energy
Marv Child	Great River Energy
ROBERT ULMER	AMERICAN TRANSMISSION COMPANY
Rick Liljegren	MINNESOTA POWER. (MPO)

<u>NAME</u>	<u>ORGANIZATION</u>
Tim Boxy	NERC
BRIAN HARRELL	NERC
BAO LE	COALFIRE SYSTEMS
Bill Jenkins	Coalfire Systems
STUART BRINDLEY	S.J. BRINDLEY CONSULTING INC.
Kenn Berent	SERC RELIABILITY CORP.
Jerome Murray	Oregon Public Utility Commission Staff
John Stillwell	Ameren
Eric Scott	Ameren
David Grimmer	Ameren
Marshall Bissonnette	Open Systems International
Jeff Morgan	FBI
Nick Weber	DHS
John Groves	Southern Company
DEBBIE OGLE	SOUTHERN COMPANY

<u>NAME</u>	<u>ORGANIZATION</u>
Mary Jo Woolf	Xcel Energy Inc.
BRYAN CARR	PACIFIC CORP
Guy Andrews	Georgia System Operations Corp.
JACQUES BEAUCHAMP	HYDRO-QUÉBEC
Matthew Blizard	NERC
Nicholas Santora	NERC
DAVID BATZ	EEL
Katie Schneider	Schweitzer Eng. Labs
Jason Marshall	
Nicole Flynn	NERC
Kelly Ryan	NERC
Peter Nelson	Network & security Technologies
Randy Dreiling	WAPA
David Dockery	AECI
Brian Newell	AEP

<u>NAME</u>	<u>ORGANIZATION</u>
Mike Kovach	JEA
Chris Kulseth	MRO
Steven Sumichrast	NIPSCO
James Zielinski	NIPSCO
Tim Conway	NIPSCO
Christie Krsek	NIPSCO
Tom FLOWERS	CCS/EPRI
Tommy Clark	SMEPA
John Falsy	EMMT
Margie Miller	Exelon
SCOTT HEFFENTRAGER	PJM
STEPHEN DIEBOLD	KCPL

National Electric Sector Cybersecurity Organization (NESCO) Update

NERC CIPC Meeting
9/14/2011

NESCO is an EnergySec program partially funded by a DOE cooperative agreement.

NESCO focused a lot of its time during the first year to reaching out to the industry. The following is a highlight of our outreach activities:

- Two town hall meetings covering these topics: Challenges to Information Sharing in the Electric Sector and Measurable Security in the Electric Sector.
- Several Voice of the Industry meetings. This is an on-going event designed to gather input from asset owners, vendors and service providers to help us prioritize what NESCO should be considering as projects or activities to support.
- Many webinars covering relevant industry related cybersecurity topics.
- Several meetings with key industry cybersecurity leaders which included discussions with members of congress, NERC, FERC, DHS, asset owner security professionals and executive staff.

Projects and programs in the early stages of existence:

- **TFE Working Group.** This is an asset owner only group focused on finding ways to reduce TFE burdens. The general goal is to find ways to minimize the work required to manage the abundance of TFEs at the asset owner level so resources can be freed up to work on security efforts within their organizations. If you are interested in participating in this group, contact Steve Parker - steve@energysec.org
- **Security Logging Best Practices Working Group.** The immediate deliverable is a whitepaper/guidance document. Many asset owners are involved in the development of this document. The bulk of this work is being done through the newly revamped EnergySec wiki. We still have more to do to make this wiki easier to use for the end-users but it is becoming THE place for collaboration on industry cyber security projects and programs. If you are looking for a secure wiki environment for a cybersecurity effort that will help the industry - give us a shout and we might be able to help.
- **Open source initiative.** We have partnered with the Oregon State University Open Source Lab to produce a series of case studies related to cyber security open source tools being used or that could be used to help asset owners with their cybersecurity challenges. This is complementary to the upcoming release of an industry specific open source repository. For more general information - <http://energystudy.osuosl.org/>

- **Updates to the DigitalBond QuickDraw SCADA preprocessors.** Related to open source projects, NESCO and the Open Information Security Foundation (OISF) are working together to make ICS environments more secure by funding upgrades and improvements to the Digital Bond Quickdraw SCADA Preprocessors for Snort and Suricata. For more general information - <http://bit.ly/quPNsD>

Over the next several months we will be continuing our outreach efforts with more town hall meetings, webinars and other events. You can find a list of those opportunities here - <http://www.eventbrite.com/org/1086461363?s=5241578>

We will expand from engaging the industry to equipping the industry in the second year of our startup efforts. That means we hope to complete a variety of enabling solutions such as demonstration projects that show the industry how one might address a particular security challenge, enhance our wiki to meet the collaboration needs for security projects designed to add value back to the asset owners and much more.

To participate in the NESCO efforts and follow our activities, please join our wiki at www.energysec.org/join You can also follow us on Twitter @**NESCOTweet** and join our LinkedIn group, **National Electric Sector Cybersecurity Organization**.