

Meeting Minutes Critical Infrastructure Protection Committee

Toronto Airport Marriott Hotel
June 8-9, 2011
Toronto, Ontario, Canada

Critical Infrastructure Protection Committee Vice-Chairman Bob Canada called to order a duly noticed, regular meeting of the Critical Infrastructure Protection Committee (CIPC) on June 8, 2011 at 1:05 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.

Vice-Chairman Mr. Chuck Abell, Ameren, and Vice-Chairman Mr. Bob Canada, Southern Company, both presided. Mr. Canada announced that Chair Barry Lawson sent his regrets, and that he was attending the BES Definition Standard Drafting Team meeting held the same week as the CIPC meeting. Mr. Canada also noted that Mr. Abell would be arriving later during the meeting.

Secretary Mr. Scott Mix, NERC CIP Technical Manager, announced a quorum of 27 members and the following proxies:

1. Martin Narendorf for Scott Rosenberger
2. Robert Ulmer for Marc Child
3. Steve Diebold for Allen Klassen
4. Scott Bordenkircher for Darren Nielsen
5. Richie Field for Robert Richhart

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.

Approval of Agenda

Mr. Canada 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 on the NERC CEO's Issues will be added to the NERC portion of the agenda. Upon **motion** by Jim Brenton, seconded by Robert McClanahan, the agenda for the June meeting was adopted.

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

Coordinated Action Plan Report

Mr. Stuart Brindley, of SJBrindley Consulting, and NERC Consultant, provided an update on activities associated with the Coordinated Action Plan. (**Presentation 1**)

Mr. Tom Bowe, PJM, and chair of the Severe Impact Resiliency Task Force (SIRTF) provided an update on the Task Force's activities. (**Presentation 2**)

Mr. Don Watkins, BPA, and chair of the Geomagnetic Disturbance Task Force (GMDTF) provided an update on the Task Force's activities. (**Presentation 3**)

Mr. Mark Westendorf, Midwest ISO, and vice-chair of the Spare Equipment Database Task Force (SEDTF), provided an update on the Task Force's activities. (**Presentation 4**)

CIPC Executive Committee Report

Mr. Canada presented the CIPC Chair report prepared by Mr. Lawson, which consisted of an overview of the highlights of the meeting, a recap of recent CIPC Executive Committee meetings, and Electricity Sub-Sector Coordinating Council (ESCC) activities. (**Presentation 5**)

NERC Report

Mr. Mark Weatherford, NERC CSO provided a brief overview of NERC activities, including introducing the new NERC Staff within the Critical Infrastructure Division (CID) who were in attendance at the meeting, and noted his involvement in the ESCC (Electricity Sub-Sector Coordinating Council) and PCIS (Partnership for Critical Infrastructure Security). He also mentioned a number of NERC initiatives and projects that will be discussed in more detail by other members of NERC Staff. He noted that NERC has been involved in numerous legislative and testimony activities for the US Congress. Based on the recent National Threat Advisory System (NTAS) updates, NERC will be looking at issuing updated guidance for threat level response. He called attention to the recent Anonymous hactivist organization activities, and finally noted that INL (the Idaho National Laboratory) had released a report on vulnerabilities in ICCP (the Inter Control-center Communications Protocol).

Mr. Tim Roxey, NERC Director - Critical Infrastructure Risk Management and Technology Division, presented an overview of the ES-ISAC and the NERC Alerts process. (Presentation 6)

Mr. Mark Lauby NERC Vice President and Director, Reliability Assessments and Performance Analysis, presented the Adequate Level of Reliability Task Force (ALRTF) Scope, and requested CIPC approve the Task Force scope (included in the minutes). Upon motion by Mr. David Grubbs, seconded by Mr. Steven Diebold, the scope document was adopted. Mr. Lauby then requested that CIPC provide two members to serve on the task force. Interested members should contact Mr. Lauby, Mr. Canada, or Mr. Mix. (**Presentation 7**)

Mr. Lauby then presented an overview of the NERC CEO's Top 8 priority list of issues, along with the lead committee assigned to each of the eight issues. CIPC is noted as having a supporting role in issue #7, and lead for issue #8. Additionally, the Smart Grid Task Force (which included CIPC members) has a supporting role in issue #6. (**Presentation 8**)

Mr. Mix then presented an overview of recent activities concerning the CIP Standards, including activities associated with “Version 4”, the development of “Version 5”, the urgent action process for updating CIP-005, and the Interpretation Drafting Team. (**Presentation 9**)

Mr. Brian Harrell, NERC Manager of CIP Standards, Training, and Awareness, provided an update on several NERC initiatives.

NERC will host a “Security Summit”, referred to as GridSecCon, on Oct 19-20 at the JW Marriott in New Orleans, LA. A day of training, provided by INL and SANS, will take place on Oct. 18. This summit will bring industry, law enforcement and homeland security officials, and regulators to one venue to discuss physical and cybersecurity. The event will cover topics such as Stuxnet and Emerging APT Issues, hacking industrial control systems and electric facility threats and violence. Registration will be required.

The NERC GridEx 2011 now has confirmed dates, November 16-17. The scenario will be developed in the coming months and NERC is targeting a manageable number of Registered Entities to play. A small core group of industry and government partners is helping to craft a credible, realistic scenario and the group will be meeting in the coming weeks to solidify players and objectives. The play will be both operational and table-top in nature. If you’re interested in your company playing, please contact Brian Harrell, brian.harrell@nerc.net and he will provide more details as they are developed.

Due to the success of the 2010 Sufficiency Review Program (SRP), NERC will be renewing the program for 2011 and is currently soliciting for volunteers. Ralph Anderson is the project leader.

At the next CIPC meeting in St. Louis, MO, NERC will be sponsoring an IED Awareness/Bomb Threat Management Workshop. This workshop improves participants’ ability to manage IED threats by outlining specific safety precautions associated with explosive incidents and bomb threats. The workshop reinforces an integrated combination of planning, training, exercises, and equipment acquisition in order to maximize available resources.

When: September 14, 2011, 0800-1200

Where: Sheraton St. Louis City Center Hotel & Suites

Fee: There is no fee associated with this event

Registration: Please go to the NERC calendar on the website to register as it is a separate registration from the CIPC.

The CIPC conducted a round-table discussion on communications issues. (**Presentation 10**)

At 5:30 PM, CIPC adjourned for the day.

At 8:10 AM on June 9, 2011, CIPC resumed. Mr. Canada welcomed Mr. Chuck Abell to the meeting.

Approval of Minutes

Mr. Abell presented the March 9-10, 2010 minutes for approval, and asked if there were any changes noted by the membership. Mr. Mix noted that several updates to the minutes had been found by himself and other members, which will be corrected prior to final posting. Upon **motion** by Mr. Robert McClanahan, seconded by Mr. Larry Bugh, the minutes for the March meeting, as amended were adopted as amended.

NASPI Update

Ms. Allison Silverstein, NERC Consultant and Project Manager for the NASPI Project, Mr. Jeff Dagle, PNNL, Mr. Anthony Johnson, Southern California Edison and Mr. Dan Brancaccio, Bridge Energy Group, contractor for the Western Interconnection Synchrophasor Project (WISP), presented an overview of the status and current activities associated with the North American Synchrophasor Initiative (NASPI). (**Presentation 11**)

CAN Process Update

Mr. Mike Moon, NERC Director of Compliance Operations, provided an overview of the “NERC Compliance Application Notice (CAN) Update; June 2, 2011”, sent to the CIPC members prior to the meeting. (**Attachment 1**)

Washington, DC Update

Mr. David Batz, EEI Manager, Cyber & Infrastructure Security, provided an update on recent Washington DC legislative activities. (**Presentation 12**)

Risk Management Framework Update

Mr. Harrell and Mr. Matt Light, DOE, provided an overview of the joint DOE / NIST / NERC Risk Management Framework project. (**Presentation 13**)

Control System Security Working Group (CSSWG) Update

Mr. Mark Engels, Dominion, and chair of the Control System Security Working Group, provided an overview of the activities of the working group. (**Presentation 14**)

Cyber Attack Task Force (CATF) Update

Mr. Engels, also chair of the Cyber Attack Task Force, provided an update of the activities of the task force (**Presentation 15**)

Substations Security Guideline Task Force

Mr. Canada announced that Mr. John Breckenridge of KCP&L had agreed to take on the role as chair of the task force, with support of Mr. Ross Johnson of Capital Power as vice-chair.

Protecting Sensitive Information Task Force

Mr. Nathan Mitchell, APPA Director of Electric Reliability Standards and Compliance, and chair of the Protecting Sensitive Information Task Force provided an overview of the activities of the task force (**Presentation 15**)

Business Continuity Guideline Task Force

Mr. Mix presented the overview of the work of the Task Force on behalf of Mr. Darren Myers, Progress Energy and Task Force chair, who was unable to attend the CIPC meeting. (**Presentation 16**) Following the presentation, and upon **motion** by Mr. Bugh, seconded by Mr. Carl Eng, the CIPC approved the guideline for posting for 45-day broad industry review and comment.

Disturbance and Sabotage Reporting Standard Drafting Team Update

Mr. Canada provided an overview of the work of the drafting team. (**Presentation 17**)

DOE Roadmap Update

Mr. Jim Brenton, ERCOT, provided an overview of the update to the DOE Roadmap to Secure Energy Delivery Systems. (**Presentation 18**)

NESCO / NESCOR Update

Mr. Light presented an update on the NESCO and NESCOR activities on behalf of Ms. Rhonda Dunfee, who was unable to attend the CIPC. (**Presentation 19**)

NLE-11 Update

Mr. Light presented a preliminary overview of the results of the recent NLE-11 exercise. (**Presentation 20**) Additional information will be available following a more thorough analysis by the active US Government participants.

Recap

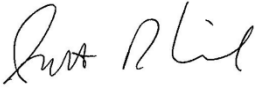
Vice-Chair Abell and Mr. Mix provided a recap of the committee actions and activities, including:

- The Business Continuity Guideline will be posted for comment in the coming week or so
- The DHS Education at the next CIPC meeting
- The CIPC EC will be requesting a presentation at the next CIPC from DHS to address the PS-PREP program, and the National Threat Advisory System (NTAS)
- A reminder that the Nominating Subcommittee will be formed by Mr. McClanahan, will be soliciting nominations for CIPC Chair prior to the next CIPC meeting
- A reminder that plans have started for a DHS Classified briefing to be held in conjunction with the December CIPC Meeting in Atlanta, GA
- Reminding the CIPC that the next meetings will be held September 14-15, 2011 in St. Louis, MO, and December 14-15, 2011 meeting in Atlanta, GA.

Adjourn

There being no further business, the CIPC meeting was adjourned at 11:55 AM.

Submitted by,



Scott Mix

Secretary

From: [Elizabeth Merlucci](#)
 To: [Elizabeth Merlucci](#)
 Subject: NERC Announcement - Standing Technical Committee's Meetings - June 7-9, 2011
 Date: Thursday, June 30, 2011 10:05:08 AM
 Attachments: [image001.png](#)
 Importance: High



Meeting Announcement: Standing Technical Committee's Meetings June 7–9, 2011 | Toronto, ON

Meeting Location and Lodging
 Marriott Toronto Airport
 901 Dixon Rd
 Toronto, ON
 M9W1J5 Canada
 416-674-9400

Room Block Code: NERC - \$169 (CAD)/night group rate
 Room block available for: 6/6-9/2011 - (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: May 16, 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, June 6 Marriott Toronto Hotel	Tuesday, June 7 Marriott Toronto Hotel	Wednesday, June 8 Marriott Toronto Hotel	Thursday, June 9 Marriott Toronto Hotel
SIRTF		SIRTF 1 p.m. – 6 p.m. U Shape for 25 Room: Salon C	SIRTF 8 a.m. – Noon U Shape for 25 Room: Salon C		
EAWG		EAWG 10 a.m. – 7 p.m. U Shape for 20 Room: Dixon			
REMG			REMG Noon – 1 p.m. U Shape for 20 Room: Salons GH		
ERO-RAPA				ERO-RAPA Noon – 5 p.m. U Shape for 15 Room: Salon C	ERO-RAPA 8 a.m. – noon U Shape for 15 Room: Salon C
Operating Committee	OC Registration		OC Exec Committee: 10 a.m.–noon U Shape for 20 Room: British Columbia OC Working lunch Noon. – 1 p.m. OC: 1–5 p.m. Modified U shape (See diagram) Room: Salon D	OC: 7:30 a.m.–noon Modified U shape (See diagram) Same room as previous day Room: Salon D	
Planning Committee	PC Registration		PC Exec Committee: 10 a.m.–noon U Shape for 20 Room: Salon F PC Working lunch Noon – 1 p.m. PC: 1–5 p.m. Modified U shape (See diagram) Room: Salon E	PC: 7:30 a.m.–noon Modified shape (See diagram) Same room as previous day Room: Salon E	

<p>Critical Infrastructure Protection Committee</p>	<p>CIPC Registration</p>			<p>CIPC Executive Committee: 10 a.m.–7 p.m. Conference for 15 Room: Dixon <i>(actually runs 10am-noon and 5pm-7pm)</i></p> <p>CIPC Working lunch Noon – 1 p.m.</p> <p>CIPC: 1–5 p.m. Double U shape (See diagram) Room: Salon D</p>	<p>CIPC: 8 a.m.–noon Modified U shape (See diagram) Room: Salon D</p> <p>CATF: 1pm – 5 pm Existing Set up Room: Salon D</p>
---	--	--	--	---	---

NERC will provide a working lunch for OC and PC on 6/7 and a working lunch for CIPC meeting on 6/8 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 Liz Merlucci.

Liz Merlucci
North American Electric Reliability Corporation
116-390 Village Blvd.
Princeton, NJ 08540
609.452.8060 | www.nerc.com
elizabeth.merlucci@nerc.net

NERC

NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION

Agenda

Critical Infrastructure Protection Committee Meeting

June 8, 2011 | 1 p.m. – 5 p.m.

June 9, 2011 | 8 a.m. – noon

Toronto Airport Marriott

901 Dixon Road

Toronto, Ontario, Canada

Administrative Matters

Antitrust Compliance Guidelines

Consent Agenda – Approve

- | | |
|--------------------|---------------|
| 1. Minutes* | 30 min |
| • March 9, 2011 | |

Regular Agenda

- | | |
|---|---------------|
| 2. CIPC Chair Report – Chuck Abell | 30 min |
| a. Board of Trustees Highlights – Chuck Abell | |
| b. Executive Committee Activities | |
| c. Nomination and CIPC approval for Chair of Nominating Subcommittee* | |
| 3. NERC / ES-ISAC Updates – Mark Weatherford & 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. Survey | |
| iii. CIP-005 Urgent Action | |
| iv. Interpretation Team | |

f.	Security Summit	
g.	GridEx	
h.	Sufficiency Reviews	
i.	Adequate Level of Reliability Task Force (ALRTF) Approval*	
4.	NASPI Update – Allison Silverstein	60 min
5.	CAN Process Update – Mike Moon	30 min
6.	DOE/NIST/NERC Risk Management Framework – Brian Harrell & Matt Light	30 min
7.	Coordinated Action Plan Task Force Reports – Stuart Brindley	45 min
a.	SIRTF – Tom Bowe	
b.	CATF – Mark Engels	
c.	GMDTF – Don Watkins	
d.	SEDTF – Dale Burmester	
8.	CIPC Working Group / Task Force Updates – Chuck Abell	60 min
a.	CSSWG – Mark Engels (15 min)	
b.	Substations Guideline Task Force – Allen Klassen (15 min)	
c.	Protecting Sensitive Information Guideline Task Force – Nathan Mitchell (15 min)	
d.	Business Continuity Guideline Task Force* – Darren Myers	
i.	Approve Guideline for Broad Industry Review*	
9.	DSR Standards Drafting Team (Project 2009-01) Update – Bob Canada	10 min
10.	Energy Sector Roadmap to Secure Energy Delivery Systems –Jim Brenton	10 min
11.	Recent BPS Incidents – Scott Mix	10 min
12.	Washington, DC Legislative Activities Update – Dave Batz, EEI	30 min
13.	Round-table Discussion*	30 min
a.	Communications – Exchanging Information About Emerging Threats	
Agency Reports		30 min
14.	Department of Homeland Security	
a.	National Threat Advisory System (NTAS) – (requested)	

15. Department of Energy

- a. National Electric Sector Cybersecurity Organization (NESCO)
 - Rhonda Dunfee
- b. NLE-11 – Matt Light

16. Public Safety Canada / Royal Canadian Mounted Police

17. Federal Energy Regulatory Commission

Closing

5 min

18. Follow-up Items and Future Actions – Chuck Abell

19. 2011 Future Meetings – Scott Mix

- September 14–15, 2011 St. Louis, MO
- December 14–15, 2011 Atlanta, GA

*Background material included

NERCNORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION**COMMITTEE MEETING ATTENDANCE FORM****Committee Name:** CRITICAL INFRASTRUCTURE PROTECTION COMMITTEE **Location:** Toronto, ON **Date:** June 8-9, 2011

<u>NAME</u>	<u>ORGANIZATION</u>
Tim Roney	NERC
Mark Weatherford	NERC
ROSS JOHNSON	CAPITAL POWER CORP for CEA
Richard Field	HOOSIER ENERGY / NRECA
ROBERT McCANAHAN	ARLAVAS ELECTRIC CORP
STEPHEN DIEBOLD	KCP&L
Jim Brenton	ERCOT
DAVID GRUBBS	ERCOT
Martin Norlander Jr.	ERCOT
MICHAEL PUSCAS	NPCC
JOHN LIM	NPCC (Gen Edison)
BENOÎT TARDIF	NPCC (HYDRO-QUÉBEC)

<u>NAME</u>	<u>ORGANIZATION</u>
MITCHELL MOON	NERC
Rick Liljegren	MINNESOTA Power - MRO
Kevin Conway	Intellibind
Gerry Adamski	Quanta Technology
BRIAN HOGUE	NPCC
Patrick Brown	Canadian Electricity Association
Mark Lucky	NERC
BILL MUSTON	ONCOR
DAVE NORTON	FERC
John Breckenside	KCPK/SPP
TOPAS WITENKY	GE Energy
Matthew Light	DOE
MATTHEW BLIZARD	NERC
BRIAN M. HARRELL	NERC

<u>NAME</u>	<u>ORGANIZATION</u>
James Rowan	SERC
Michael Johnson	APX Power Markets
JOHN HANSEN	EXELON
DEBBIE OGLE	GEORGIA POWER
John Graves	Southern Company
William Whitney III	City of Portland
RAYMOND CUNEO JR	PSEG ENTERPRISE GROUP
ROBERT ANTONISHEN	ONTARIO POWER GENERATION
MARIO LAJOIE	HYDRO-QUEBEC
FRANCOIS LEMAY	HYDRO-QUEBEC
FRED HINTERMISTER	NERC
KEVIN WEBER	ENERGY
CHASIS PETERS	ENERGY
John Fridye	Ventyx - ABB

<u>NAME</u>	<u>ORGANIZATION</u>
MARK ENGELS	DOMINION
CARL ENG	DOMINION VIRGINIA POWER
Larry Bugh	Reliability First
Jeffrey Fuller	Dartmouth Power & Light
KENT KUJALA	DETROIT EDISON - RFC
ROBERT ULMER	ATC - MRO
SCOTT BORDENKIRCHER	APS - WECC
Bob Mathews	Pacific Gas & Electric - WECC
Paul Crist	LES - MRO
David Gonsky	TMPA - ARPA
NATHAN MITCHELL	AMERICAN PUBLIC POWER ASSOCIATION
STUART BRINKLEY	NERC CONSULTANT
BAO LE	COALFIRE SYSTEMS - NERC CONSULTANT
Tom Bass	PJM

<u>NAME</u>	<u>ORGANIZATION</u>
Michael D. Lynch	DTE ENERGY
Guy Andrews	Georgia System Operations Corp
RYAN CARLSON	Proven Compliance Solutions
FRANKLIN DESSUIT SR.	NIPSCO (RFC)
DAVID BATZ	EDISON ELECTRIC INSTITUTE
ALAN JANIK	NIPSCO
Katie Schnider	Schweitzer Engineering Laboratories
Dan Powell	Indianapolis Power & Light Co.
Nicole Flynn	NERC
KELLY RYAN	NERC
Ralph Anderson	NERC
ERIC ROLLISON	NERC
Karen Kemp	Direct Energy.
Kirk J. Kubousek	OATI

<u>NAME</u>	<u>ORGANIZATION</u>
Chris Kulseth	MRO
Peter Nelson	N&ST
Roger Fradenburgh	N&ST
Tom Flowers	CCS/EPRI
John McGlynn	PSM
Marshall Bissanette	Open Systems International Inc.
CHRISTOPHER BROWN	WILLIAMS GAS PIPELINE
CHRIS PLENSDORF	DETROIT EDISON COMPANY
John Mara	NERC
Dave Baumker	BAUMKER CONSULTING
CHUCK ABELL	AMEREN

<u>NAME</u>	<u>ORGANIZATION</u>
BRIAN HOGUE	IKPCC
SCOTT MIX	NERC