



# NORTH AMERICAN ELECTRIC RELIABILITY COUNCIL

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Princeton Forrestal Village, 116-390 Village Boulevard, Princeton, New Jersey 08540-5731

## Critical Infrastructure Protection Committee Meeting

June 9, 2005  
Arlington, Virginia

### Highlights

#### Logistical Matters

A quorum was present throughout the meeting. The Critical Infrastructure Protection Committee (CIPC) member proxies were announced. NERC Antitrust Compliance Guidelines were reviewed. NERC meeting process was briefly reviewed. Presentations made during the meeting are available as specified by the authors.

#### Actions by Motion

1. June 9, 2005 meeting agenda approved.
2. March 17–18, 2005 meeting minutes approved.
3. Established the CIPC Executive Committee Nominations Task Force.
4. Established the Crisis Response Task Force.
5. Accepted as a NERC reference document: “Risk-Assessment Methodologies for Use in the Electric Utility Industry.”

#### Follow-up Action Items

1. CIPC Business Plan-2006 comments to CIPC Chairman Stuart Brindley prior to June 30, 2005.
2. CIPC members, alternates, and associates contact Tom Bowe if interested in participation with the Crisis Communications Task Force.
3. Expect a conference call followed by email ballot on revisions to the Indications, Analysis, Warnings procedures.

#### CIPC Executive Committee

*Electricity Sector Coordinating Council – Government Energy Coordination Council Meeting* — The Base National Infrastructure Protection Plan (NIPP) is being revised to include goals and responsibilities, and is expected to be completed during summer 2005. The energy sector specific plan is currently open for comment from those to whom it has been distributed by the Department of Energy (DOE), in accordance with the Federal Advisory Committee Act. A complete NIPP is now expected late 2005/early 2006. The concept of a National Assets Data Base coupled with risk assessments remains an issue for further discussion.

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*CIPC Executive Committee Nominating Task Force* — Chairman Brindley proposed the subject task force for the executive committee to take office January 2006 to be: Bob Canada, Larry Dolci, Tom Glock, Mike Hyland, and Roger Lampila. CIPC approved this and the CIPC chairman appointed Roger Lampila to be chair of the task force.

*CIPC presentations to the NERC Board of Trustees* — The board approved the two new security guidelines: Patch Management for Control Systems and Control System – Business Network Electronic Connectivity.

*U.S.-Canada Power System Outage Task Force Report* — This report is expected to be released in the near future. The 13 report recommendations related to security are addressed. Much of the CIPC deliverables are complete or nearing completion.

*Public Messages* — From time to time CIPC members and others in their organizations are requested to make public commentary on the CIP area related to the electricity sector. Sample talking points that address particular, often discussed security issues will be considered by the Outreach Working Group. Maintenance of contact with individual organization communications specialists is recommended. Specific questions can be posed to members of the CIPC Executive Committee or guidance can be provided by Ellen Vancko, NERC's Director-Communications and Government Affairs.

*CIPC Business Plan-2006* — Any comments on the draft plan (included in the agenda) should be made to Stuart Brindley; final comments are to be submitted for CIPC by June 30, 2005.

### **Electricity Sector Information Sharing and Analysis Center**

Mechanics for crisis communications (using available technologies) to reach key decision-makers in an emergency was proposed and will be considered by the Crisis Communications Task Force. The CIPC twice-monthly security briefing conference calls will be reduced to one per month with increased communications as required during periods of elevated security risk.

### **CIPC Working Group and Task Force Actions**

Each working group and task force briefly discussed its action plans for 2005 and 2006. These plans will be reviewed by the CIPC Executive Committee to assure conformance to the CIPC business plan. Further details will be summarized in the CIPC meeting minutes. All working group and task force rosters will be reviewed to ensure adequate resourcing by willing, able, and available subject matter experts.

*Outreach Working Group* — Workshops or other outreach mechanisms will be prepared to support implementation of the Cyber Security Standard CIP-002-009.

*Reporting Technologies Working Group* — Major focus is on the Homeland Security Information Network–ES. The site organization is coming together. CIPIS will be a part of HSIN-ES. Developing a user authentication method. Future merge with DOE-417 reporting is planned. Changes to the Indications, Analysis, Warnings program will be included. Training will be provided in productive manners.

*Standards and Guidelines Working Group* — The Security Guidelines Template and Usage Guide will be considered for CIPC approval at the September 2005 CIPC meeting. Revisions to the security guidelines: Vulnerability and Risk Assessment and Threat Alert System and Physical Response Guidelines for the Electricity Sector will be considered for CIPC approval at the September 2005 CIPC meeting. The process for security guideline development and review was discussed. The working group has responsibility for ensuring security guidelines are consistent with other security guidelines and not inconsistent with NERC standards. The NERC staff technical editor will be asked to provide editorial assistance to the working group in developing and revising security guidelines (and to CIPC for other security documents).

*Risk Assessment Working Group* — CIPC discussed the paper “Risk-Assessment Methodologies for Use in the Electric Utility Industry” (agenda materials), and accepted this as a NERC reference document. The document and appendices will be reviewed annually by the working group. This will be formatted in accordance with NERC document processing with no content changes and made publicly available (after affirmation by the author or each methodology appendix).

*Indications, Analysis, Warnings Working Group* — The current Indications, Analysis, Warnings procedures are out of date, particularly with respect to references. This document will be updated to a version 4.1 for CIPC review and probably recommendation for email ballot to approve. Technical changes are also under consideration related to the reported incidents and measures and the reporting. A version 5.0 will be developed for CIPC consideration.

*Control Systems Security Working Group* — The National SCADA Test Bed is being used to determine the applicability of the AGA-12 approach to security of control signals. The encryption method is being evaluated together with the timing in actual operations. A security guideline on encryption of electronic messaging, including email and document transfer is under development (PGP is under consideration).

*Crisis Response Task Force* — Tom Bowe presented a concept for dealing with the recommendations made in the DOE report on “Organizing the Next Blackout Investigation” and the “NERC Blackout and Disturbance Response Procedures.” The Crisis Response Task Force was established by CIPC with CIPC representatives from operations, security, and government agencies. Volunteers are to provide their names to Tom Bowe. This work will be coordinated with the NERC Technical Steering Committee and the Indications, Analysis, Warnings Working Group. A work plan will be developed.

## **Agency Reports**

*Department of Energy* — Jim McGlone presented the new DOE organization: Office of Electricity Delivery and Energy Reliability (Kevin Kolevar). Reporting to the office are: Research & Development (Bill Park); Permitting, Siting, & Analysis (David Meyer); and Infrastructure Security & Energy Restoration (Alex DeAlvarez).

*Public Safety Emergency Preparedness Canada* — Kara Yorke indicated that CIP strategies are under development by the government and are being publicly vetted with private sectors through a series of town hall sessions across Canada.

## Other Matters

1. The FERC Rule (Docket No. RM05-19-000; Order No. 659 ) “Electronic Reporting of Shortages and Anticipated Shortages of Electric Energy and Capacity” will be considered for CIPC communications.
2. The Cyber Security Standard CIP-002-009 is now in draft-3. The NERC “Standards Process Manual” is under review for modifications; one change would provide for annual balloting to maintain an urgent action standard in use. If the manual change is accepted, the Cyber Security Standard-1200 will be reballoted for another year with the same implementation plan as used for the 2004–2005 period.
3. Bill Muston presented considerations related to electricity sector research and development (R&D) in the security area. This ties with the Control Systems Roadmap, the NIPP, and the Department of Homeland Security initiatives. A question arose: Is there a need for CIPC consideration of an R&D focus? CIPC discussed the need for an R&D business case and possible discussion with the National Association of Regulatory Utility Commissioners.
4. Jacklyn Blecker and David Sanders presented on the emerging concepts for a private sector led (with government participation) National Critical Infrastructure Exercise. This exercise will be cyber and physical with a “ground truth” scenario and injects. Crisis communications and HSIN-ES may be in play.
5. There will be no CIPC working group/task force meetings during the day on the Wednesdays preceding CIPC meetings when in conjunction with the Edison Electric Institute due to overlapping meetings between the organizations.

## Recognitions

1. Stan Johnson, NERC Manager Critical Infrastructure Protection, was introduced.
2. Service to CIPC and security matters recognitions were made to:
  - A. Seiki Harada for leadership of the Standards and Guidelines Working Group.
  - B. Ted Heller, Garill Coles, Ted Almay, Jeff Dagle, Steve Dische, Tom Flowers, Bill Flynt, Cliff Glantz, Scott Mix, Lyman Shaffer, Chris Shephard, and Bob Windus, Stuart Brindley, and Pat Laird for writing the reference document: “Risk-Assessment Methodologies for Use in the Electric Utility Industry.” The Cyber Security Standard CIP-002-009 Drafting Team and, for their editing, Joanne Callahan and Hein Gerber, for development of the new standard.
  - C. All involved in development of the HSIN-ES.
  - D. Elizabeth Rhodenizer for her work with the Control Systems Security Working Group and in CIP reporting regarding the blackout recommendations.