

Minutes

Technology and Security Committee Meeting

February 6, 2019 | 11:30 a.m. – 12:15 p.m. Pacific

westdrift Manhattan Beach, Autograph Collection
1400 Park View Avenue
Manhattan Beach, California 90266

Chair George S. Hawkins called to order a duly noticed open meeting of the Technology and Security Committee (the “Committee”) of the Board of Trustees (“Board”) of the North American Electric Reliability Corporation (“NERC” or the “Company”) on February 6, 2019, at 11:30 a.m. Pacific, and a quorum was declared present. The agenda is attached as **Exhibit A**.

Present at the meeting were:

Committee Members

George S. Hawkins, Chair
Janice B. Case
Kenneth W. DeFontes, Jr.
Suzanne Keenan
Roy Thilly

Board Members

Robert G. Clarke
Frederick W. Gorbet
David Goulding
Robin E. Manning
James B. Robb, President and Chief Executive Officer
Jan Schori

NERC Staff

Charles A. Berardesco, Senior Vice President, General Counsel, and Corporate Secretary
Tina Buzzard, Associate Director
Stan Hoptroff, Vice President, Chief Technology Officer, and Director of Information Technology
Scott Jones, Senior Vice President, Chief Financial and Administrative Officer, and Corporate Treasurer
Bill Lawrence, Vice President, Chief Security Officer, and Director of the E-ISAC
Mark G. Lauby, Senior Vice President and Chief Reliability Officer
Janet Sena, Senior Vice President and Director of Policy and External Affairs

Chair’s Remarks

Mr. Hawkins welcomed the Committee members to the meeting. He remarked on recent events, including a new arrangement with Japan and Europe and the expansion of the Grid Security Conference. He also noted Ms. Keenan’s attendance at the recent E-ISAC Members Executive Committee (“MEC”) meeting and that minutes from MEC meetings are publicly available at TLP-Green status on the E-ISAC portal.

NERC Antitrust Compliance Guidelines

Mr. Hawkins directed the participants’ attention to the NERC Antitrust Compliance Guidelines included in the agenda, and indicated that all questions regarding antitrust compliance or related matters should be directed to Mr. Berardesco.

Minutes

Upon motion duly made and seconded, the Committee approved the minutes of the November 6, 2018 meeting as presented at the meeting.

E-ISAC Update

Mr. Lawrence provided an update on recent E-ISAC activities, referencing the materials that had been included in the advance agenda package. His update highlighted the E-ISAC's progress executing its long-term strategy, including the areas of member engagement, information sharing, and threat analysis. Mr. Lawrence highlighted planned resource additions in 2019, including additional staff and corporate services support. He reviewed the engagement efforts with government partners in the U.S. and Canada, highlighting outreach to Canadian entities, focusing on meeting needs, and the deployment of products and services. Mr. Lawrence also highlighted some of the key challenges facing the E-ISAC as it works to execute its long-term strategy, including positioning with other partners, pace and resource demands, information technology initiatives, and space planning. Mr. Peter Gregg of IESO thanked Mr. Lawrence and the NERC team for their outreach, which is helping to build trust in Canada with respect to the E-ISAC.

ERO Enterprise Information Technology Strategy and IT Projects Update

Mr. Hoptroff provided an update on the ERO Enterprise information technology projects, referencing the materials that had been included in the advance agenda package. He provided an update on the Compliance Monitoring and Enforcement Program ("CMEP") Technology Project, which is now known as "Align", and the common registration tool. Mr. Hoptroff also provided highlights from the proposed SAFNR upgrade business case which was completed in 2018. He noted that work is continuing on several E-ISAC portal enhancements. A request was made for a webinar on the SAFNR business case. The Committee discussed process harmonization and improvements.

Annual Review of Committee Mandate

Mr. Hawkins noted that the Committee is required to review its mandate on an annual basis. Based on Legal department's review, no changes are recommended. The Committee concurred with the approach.

Adjournment

There being no further business, and upon motion duly made and seconded, the meeting was adjourned.

Submitted by,



Charles A. Berardesco
Corporate Secretary

Agenda

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(Please note the Schedule may be adjusted real-time should meetings conclude early and/or extend past their scheduled end time.)

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Conference Room: TBD

Call to Order

Introductions and Chair's Remarks

NERC Antitrust Compliance Guidelines

Agenda Items

Agenda Items

1. **Minutes* — Approve**
 - a. November 6, 2018 Meeting
2. **E-ISAC Update* — Review**
3. **ERO Enterprise Information Technology Strategy and IT Projects Update* — Review**
4. **Annual Review of Committee Mandate* — Review**
5. **Adjournment**

*Background materials included.