

Minutes

Technology and Security Committee Meeting

November 6, 2018 | 11:15 a.m. – 12:00 p.m. Eastern

Grand Hyatt Atlanta in Buckhead
3300 Peachtree Road NE
Atlanta, GA 30305

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 November 6, 2018, at 11:15 a.m. Eastern, 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 Manning
Jan Schori
James B. Robb, President and Chief Executive Officer

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 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
Michael Walker, Senior Vice President and E-ISAC Chief of Staff

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.

Chair’s Remarks

Mr. Hawkins welcomed the Committee members and described highlights from the annual NERC Grid Security Conference held on October 16-19, 2018 in Las Vegas, Nevada. He thanked Ms. Keenan for attending and commended Mr. Lawrence on his efforts to promote the visibility of his team during the conference. Mr. Hawkins noted the Committee’s continuing focus on enterprise wide system

implementations and the continued effective interaction with the E-ISAC Members Executive Committee (the “MEC”), and thanked Mr. DeFontes for chairing the August Committee meeting.

Minutes

Upon motion duly made and seconded, the Committee approved the minutes of the August 9, 2018 meeting as presented at the meeting.

ERO Enterprise Information Technology Strategy and IT Projects Update

Mr. Hoptroff provided an overview of 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, the common registration tool, and the proposed SAFNR upgrade. Mr. Hoptroff stated that ongoing priorities include CMEP process harmonization efforts, the development of the business case for SAFNR, and the portal enhancements and other tools for the E-ISAC. He noted that he would provide additional detail regarding the standards portion of the CMEP tool at a future meeting. Mr. Robb commended the work of Regional Entity staff regarding process harmonization for the CMEP tool.

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 in the areas of member engagement, information sharing, and analysis. Mr. Lawrence highlighted the E-ISAC’s membership growth in 2018, increases in information sharing through the portal, and the E-ISAC’s plans to improve engagement with Canadian members. He reported that the membership of the MEC was revised to allow for an additional voting representative from Canada, and that the MEC was creating focused working groups to enhance support for the E-ISAC. Mr. Lawrence also provided an update on E-ISAC technology projects and the E-ISAC’s success in expanding staffing levels and capabilities. He recognized the new role for Mr. Walker as the E-ISAC’s chief of staff, thanked NERC Human Resources for their support in recruitment, and noted the ongoing work to develop security focused metrics.

Mr. Lawrence stated that the 2019 priorities for the E-ISAC include enhancing information sharing through the Cybersecurity Risk Information Sharing Program, sharing of machine-readable cyber indicators, increasing analysis capabilities, and continuing efforts to engage industry. Mr. Hawkins noted that the Cyber Automated Information Sharing System went online on November 6, 2018.

Adjournment

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

Submitted by,

A handwritten signature in black ink, appearing to read 'C. Berardesco', written in a cursive style.

Charles A. Berardesco
Corporate Secretary

Agenda

Technology and Security Committee

November 6, 2018 | 11:15 a.m. - 12:00 p.m. Eastern

Grand Hyatt Atlanta in Buckhead
3300 Peachtree Rd NE
Atlanta, GA 30305

Conference Room: Grand Ballroom – Lower Lobby Level

Call to Order

Introductions and Chair's Remarks

NERC Antitrust Compliance Guidelines

Agenda Items

1. **Minutes* – Approve**
 - a. August 9, 2018 Meeting
2. **ERO Enterprise Information Technology Strategy and IT Projects Update* – Review**
3. **E-ISAC Update* – Review**
4. **Adjournment**

*Background materials included.