Minutes
Technology and Security Committee Meeting
August 14, 2019 | 10:15–11:00 a.m. Eastern

Hilton Québec
1100 Boulevard René-Lévesque E
Québec, QC G1R 4P3, Canada

Chair Suzanne Keenan 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 August 14, 2019, at 10:15 a.m. Eastern, and a quorum was declared present. The agenda is attached as **Exhibit A.**

Present at the meeting were:

Committee Members	Board Members
Suzanne Keenan, Chair	Robert G. Clarke
Janice B. Case	Frederick W. Gorbet
Kenneth W. DeFontes	David Goulding
George S. Hawkins	Robin E. Manning
Roy Thilly, *ex officio*	James B. Robb, President and Chief Executive Officer
	Jan Schori
	Colleen Sidford

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
Bill Lawrence, Vice President, Chief Security Officer, and Director of the E-ISAC
Mark G. Lauby, Senior Vice President and Chief Engineer
Sônia Mendonça, Vice President, Deputy General Counsel, and Director of Enforcement
Janet Sena, Senior Vice President and Director of Policy and External Affairs

NERC Antitrust Compliance Guidelines
Ms. Keenan 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
Ms. Keenan welcomed the participants to the meeting. She highlighted the upcoming Grid Security Conference in Atlanta and in particular mentioned a breakfast event focusing on diversity and inclusion

of women in the energy field. She also reported on the July 9, 2019 E-ISAC Member Executive Committee call.

Minutes
Upon motion duly made and seconded, the Committee approved the minutes of the May 8, 2019 meeting as presented at the meeting.

ERO Enterprise IT Projects Update
Mr. Hoptroff highlighted stakeholder engagement on data management within Align. Mr. Robb announced that the first release of Align will be delayed to focus on issues that were to be addressed in later releases. He clarified that the actual release date will be announced at a later date. Ms. Keenan stated that the Board supports the schedule adjustment. She noted that as a former chief information officer, she was impressed with the focus on security and stakeholder engagement.

Ryan Stewart discussed the Centralized Organization Registration ERO System ("CORES") registration tool. Mr. Robb emphasized the transformational nature of the project and its vast improvement in managing the registration database.

Mr. Hoptroff reviewed the status of the Situational Awareness for FERC, NERC, and the Regional Entities ("SAFNR") v3 project and key features, activities with the FRCC/SERC transition, E-ISAC customer relationship management, and E-ISAC Portal improvements.

E-ISAC Update
Mr. Lawrence noted the passing of Mike Assante. He recognized Bluma Sussman as a resource for E-ISAC member engagement. Mr. Lawrence reviewed the November 2019 Grid Security Exercise, GridEx V, and the key components of the exercise. He reviewed the draft 2020 performance metrics for the E-ISAC, which focus on E-ISAC strategic goals.

Mr. Robb expressed appreciation to the MEC, especially John McAvoy and Bill Fehrman as Chair and Vice Chair. He noted the success in hiring and the quality of new employees. Mr. Robb discussed the collaboration between the E-ISAC and Canadian stakeholders and his hope to increase voluntary information sharing. Mr. Clermont observed that there are differences in how the United States and Canadian government shares and handles information.

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
Technology and Security Committee

August 14, 2019 | 10:15-11:00 a.m. Eastern
(Please note the Schedule may be adjusted real-time should meetings conclude early and/or extend past their scheduled end time.)

Hilton Quebec
1100 Boulevard René-Lévesque E
Québec, QC G1R 4P3

Conference Room: Salle de Bal (1st Floor)

Introductions and Chair's Remarks

NERC Antitrust Compliance Guidelines and Public Announcement*

Agenda Items

1. **Minutes* — Approve**

    a. May 8, 2019 Meeting

2. **ERO Enterprise IT Projects Update* — Review**

3. **E-ISAC Update* — Review**

4. **Adjournment**

*Background materials included.