Minutes
Standards Oversight and Technology Committee

November 8, 2017 | 11:30 a.m.-12:15 p.m. Central

JW Marriott New Orleans
614 Canal Street
New Orleans, LA 70130

Mr. Kenneth W. DeFontes, Jr., Acting Chair, called to order a duly noticed meeting of the Standards Oversight and Technology Committee (the "Committee") of the Board of Trustees ("Board") of the North American Electric Reliability Corporation ("NERC") on November 8, 2017, at 11:30 a.m. Central, and a quorum was declared present. The agenda is attached as **Exhibit A.**

Present at the meeting were:

Members	**Board Members**
Kenneth W. DeFontes, Jr., Acting Chair	Gerry W. Cauley, President and Chief Executive Officer
Frederick W. Gorbet	Janice Case
David Goulding	Robert G. Clarke
George S. Hawkins	Jan Schori
Roy Thilly	

NERC Staff
Charles A. Berardesco, Senior Vice President, General Counsel, and Corporate Secretary
Tina Buzzard, Associate Director
Howard Gugel, Senior Director of Standards and Education
Stan Hoptroff, Vice President, Chief Technology Officer, and Director of Information Technology
Mark Lauby, Senior Vice President and Chief Reliability Officer
Ken McIntyre, Vice President of Standards and Compliance
Michael Walker, Senior Vice President, Chief Enterprise Risk and Strategic Development Officer

Acting Chair's Remarks
Mr. DeFontes acknowledged Ken Peterson's resignation earlier in the year, and thanked him for his invaluable service as chair of the Committee.

NERC Antitrust Compliance Guidelines
Mr. DeFontes directed the participants' attention to the NERC Antitrust Compliance Guidelines included with the agenda materials, and stated that any additional questions regarding these guidelines should be directed to Mr. Berardesco.

Minutes

Upon motion duly made and seconded, the Committee approved the minutes of the August 3, 2017 meeting as presented at the meeting.

Compliance Monitoring and Enforcement Program (CMEP) Technology Project

Mr. Hoptroff outlined the goals of the CMEP Technology Project, emphasizing that the goals are tied to the goals of the ERO Enterprise. Ken McIntyre presented the major benefits of the project for the CMEP, including a single portal for the Regional Entities and registered entities, real-time access to data, improved analytics, increased productivity, and reduced application costs.

Mr. Hoptroff discussed the project's constraints, such as the complexity of the work. He also stated that, given the request for proposal responses, NERC management believes the project can be accomplished within the financial projections. Mr. Hoptroff presented the options considered by NERC management, including status quo and regional implementation of differing solutions. He noted support from all Regional Entities. Mr. Hoptroff summarized stakeholder engagement efforts, and related stakeholders' recommendation to enlist more small entities. Upon motion duly made and seconded, the Committee approved the CMEP Technology Project, and recommended approval to the Board.

Registered Entities and ERO Enterprise IT Applications

Mr. Hoptroff provided an overview of the ERO Enterprise IT projects that were focused on registered entity interactions, referencing the materials that had been included in the advance agenda package. He reviewed the enhancement to the registration system for Coordinated Functional Registrations and the addition of the misoperations portal. Mr. Hoptroff also discussed enhancements to the NERC public website's search features and the E-ISAC portal upgrade.

Information Technology Investment Review Procedure

Mr. Hoptroff presented the proposed investment technology review procedure. He outlined the attributes of the review procedure, including that it provides accountability for investment decisions, transparency, quantitative and qualitative analyses, and determinations of whether expected benefits were realized. Mr. Hoptroff stated the procedure delivers value to the ERO Enterprise and the registered entities by helping to allocate resources. He summarized the scope of the procedure, use in IT business cases, and creation of a numerical score.

2018-2020 Reliability Standards Development Plan

Mr. Gugel presented the 2018-2020 Reliability Standards Development Plan with a three-year forecast. He noted the inclusion of information on cost/benefit analysis, standard grading, periodic review, FERC directives, and Reliability Issues Steering Committee rankings. Upon motion duly made and seconded, the Committee approved the 2018-2020 Reliability Standards Development Plan, and recommended it to the Board.

Standards Efficiency Review

Mr. Gugel presented the Standards Efficiency Review, noting the establishment of an advisory group and its role. He stated that the team is discussing the scope of its work, and that the review will not

include CIP in the first phase. Mr. Gugel stated that review teams will be formed to identify candidates for retirement, and he outlined the 2018 schedule for the review.

Reliability Standards Quarterly Status Report
Mr. DeFontes referenced the Reliability Standards Quarterly Status Report, included in the advance agenda package.

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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614 Canal Street
New Orleans, LA 70130

Conference Room: Ile De France Ballroom – 3rd Floor

Call to Order

Introductions and Chair's Remarks

NERC Antitrust Compliance Guidelines

Agenda Items

1. **Minutes* — Approve**

   a. August 3, 2017 Meeting

2. **Compliance Monitoring and Enforcement Program Technology Project* – Approve and Recommend to the Board of Trustees for Approval**

3. **Registered Entities and ERO Enterprise IT Applications* — Update**

4. **Information Technology Investment Review Policy and Procedure* — Review**

5. **2018-2020 Reliability Standards Development Plan* – Approve and Recommend to the Board of Trustees for Approval**

6. **Standards Efficiency Review* — Update**

7. **Reliability Standards Quarterly Status Report* — Review**

8. **Adjournment**

*Background materials included.