

**JOINT MEETING OF THE
NEW YORK STATE RELIABILITY COUNCIL (NYSRC)
RELIABILITY RULES SUBCOMMITTEE (RRS) &
RELIABILITY COMPLIANCE MONITORING SUBCOMMITTEE (RCMS)
Thursday, March 31, 2016**

Minutes of RCMS Meeting No. 194

RCMS Members & Alternates

Roger Clayton, Electric Power Resources, LLC, Chairman
Dan Head, Con Edison, Vice-Chairman and Secretary
Martin Paszek, Con Edison
Brian Gordon, NYSEG/RGE
Zoraini Rodriguez, PSEG-LI
Brian Shanahan, National Grid
Wayne Sipperly, NYPA
Erin Doane, Central Hudson

Non-Voting Participants

Al Adamson, NYSRC Consultant
Ed Schrom, NYS Department of Public Service
Jim Grant, NYISO
Mark Capano, NYISO
Kevin DePugh, NYISO
Kai Jiang, NYISO

Mr. Clayton called RCMS Meeting #194 to order at 1:49 p.m.

1.0 Introduction

Attendees introduced themselves in person and on the telephone.

- 1.1 Executive Session Request - No requests.
- 1.2 Requests for Additional Agenda Items – No requests.

2.0 Approval of Minutes/Action Items

- 2.1 RCMS Draft Minutes #193
Approved with an addition to the attendees list. Sal Spagnolo from NYPA attended the meeting as the alternate representative from NYPA.
- 2.2 RCMS Action Items List
Action Item 193-1 remains ongoing since Blackstart testing for the units in question has not yet been completed. It was noted by committee members that testing for the summer period must be complete by March 31st. It is therefore unclear that the units identified in Con Edison's study will be able to enter the program for the coming summer period via timely test.

Action Item 193-2 was completed via email submission by Jim Grant.

3.0 NYSRC 2016 Reliability Compliance Monitoring Program

3.1 2016 Reliability Compliance Program Update

Al Adamson reported on the current state of the RCMS Scorecard. He noted that requirement A.1 was completed last month and added that he had footnoted item G.4 on the scorecard to show that the compliance finding had been formally delayed. He also added a note concerning February's EMS system failure report at the NYISO.

3.2 Locational Capacity Requirements [A.2(R1 to R3)]

Kai Jiang from the NYISO presented on the NYISO's ~~annual 2016 Installed Reserve Margin (IRM)~~ Locational Capacity Requirement (LCR) report. He noted that the NYISO's report specifies requirements for the coming summer period:

- ~~117.5% Installed Reserve Margin for NY State~~
- 80.5% In-City Locational Requirement for NYC (Zone J)
- 102.5% Locational Requirement for Long Island (Zone K)

He further noted that the LCR report ~~and its associated installed capacity requirements~~ has been approved by the NYISO Operating Executive Committee.

During discussion, Al Adamson, who ~~is a NYSRC consultant on chairs~~ the Installed Capacity Subcommittee (ICS), asked for clarification of the NYISO staff's process for calculating the LCRs, stated that these numbers were currently still preliminary and that ICS still has important work to do, including the running of important sensitivity cases. Mr. Jiang will ~~He committed to providing RCMS with a the NYISO~~ written clarification for its report. With this in mind, a finding of compliance was postponed until next month's meeting of RCMS.

3.3 2015 NYCA Transmission Review [B.2(R1 to R7)]

Kevin DePugh from the NYISO presented the 2015 NYCA Transmission Review Overview. Highlights of the presentation are as follows:

- The last Comprehensive Area Transmission Review (ATR) was performed in 2010.
- The 2015 Comprehensive ATR has been approved by the NPCC Task Force on System Studies (TFSS). Pending review/approval of other NPCC taskforce/committees.
- 2015 ATR study includes the NY Transmission Owners Transmission Solutions (TOTS) projects.
- The 2015 ATR study scope was approved March 2015 and therefore certain generator retirements are not included (JAF, Dunkirk, etc.). The 2016 study will include such retirements.
- The NYISO noted that the NYCA interface thermal transfer limits generally decreased from 2010 to 2015.
- There were no thermal, voltage, or fault duty criteria violations, assuming completion of corrective action plans, issues identified from this study.

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- The NYISO confirmed that the 2015 Comprehensive ATR conforms to reliability criteria per NYSRC Reliability Rules, NPCC Directory #1, and NERC Reliability Standards.

Mr. Adamson ~~requested~~^{noted} that the 2015 NYCA Comprehensive ATR ~~needs to~~ incorporate the revised NYS Reliability Rule naming/nomenclature as well as some minor language modifications. In addition, the 2015 Comprehensive ATR conclusion needs to be revised to state that corrective action plans were included in the analysis. The NYISO agreed to incorporate the identified changes and resend to TFSS for re-approval prior to sending to NPCC TFCP. The NYISO will forward the updated 2015 Comprehensive ATR to RCMS.

Brian Shanahan moved to find the NYSRC in compliance, and Roger Clayton seconded. The committee certified full compliance pending the above Transmission Review report revisions.

3.4 Real-Time Operations of the NYS Bulk Power System – February & March 2016 Operations Reports – [C.8(R1)]

Jim Grant submitted the NYISO's February Operating Report with the meeting materials. RCMS had no questions or comments and the February Operating report was accepted by RCMS. The NYISO March Operating Report was not available for this RCMS meeting. The report should be available shortly and will be forwarded to RCMS accordingly.

3.5 GO Generation Net Dependable Capacity Tests [I.1(R3)]

Jim Grant submitted to RCMS the NYISO documentation certifying full compliance with measurement I.1 R3 for 2015. RCMS had no questions or comments regarding the compliance documentation provided by the NYISO. Brian Shanahan moved to find the NYSRC in compliance, and Wayne Sipperly seconded. The committee certified full compliance.

3.6 GO Generation Reactive Power Capacity Tests [I.1(R4)]

Jim Grant submitted to RCMS the NYISO documentation certifying full compliance with measurement I.1 R4 for 2015. RCMS had no questions or comments regarding the compliance documentation provided by the NYISO. Brian Shanahan moved to find the NYSRC in compliance, and Zoraini Rodriguez seconded. The committee certified full compliance.

3.7 MP Disturbance Recording Devices and Data Reporting [I.5(R2)]

Jim Grant submitted to RCMS the NYISO documentation certifying full compliance with measurement I.5 R2 for 2015. RCMS had no questions or comments regarding the compliance documentation provided by the NYISO. Wayne Sipperly moved to find the NYSRC in compliance, and Martin Paszek seconded. The committee certified full compliance.

It was noted and agreed that this reliability rule for Disturbance Recording Devices should be evaluated against NERC Reliability Standards to determine if it is more stringent and/or specific (Action Item # 194-1).

3.8 Compliance Reviews Scheduled for Next Meeting

- Establishment of operating transfer capabilities [Requirement C.1(R1, R2)]
- Transmission outage coordination procedures [C.3(R1 to R6)]
- Operating procedures for impending severe weather and solar magnetic disturbances [C.4(R1 to R3)]

RCMS confirmed the above compliance reviews are scheduled for next meeting.

4.0 NYISO/NPCC/NERC Activities

4.1 NYISO 2016 NERC/NPCC Compliance Program Status

Jim Grant stated that the NYISO has updated the NYISO 2016 NERC/NPCC/NYSRC Program Schedule and Compliance Status document to include the dates for certifications completed last month.

4.2 NPCC Standards/Criteria Development Update

No update.

4.3 NERC Standards Development Update

No update.

4.4 NPCC Compliance Committee Report

No update.

4.5 Other NYISO, NPCC and NERC Activities

No update.

5.0 Reports

5.1 NYSRC EC Meeting Report

Covered at the RRS meeting.

5.2 NYSRC ICS Meeting Report

Covered at the RRS meeting.

6.0 Additional Agenda Items

None requested.

7.0 Next Meeting #195

Thursday, May 5, 2016; 9:30 am @ NYSERDA, 17 Columbia Circle, Albany, NY

The meeting was closed at 03:12pm