

Final Meeting Minutes
New York State Reliability Council, L.L.C. (NYSRC)
Reliability Compliance Monitoring Subcommittee
Meeting No. 114 – July 9, 2009
NYSERDA Offices – Albany, NY

Members and Alternates:

Jeff May, Secretary	Central Hudson Gas & Electric
Leyvi Gelman	Consolidated Edison Co. of NY - phone
Joharath Kutty	New York Power Authority – phone

Others:

Al Adamson, Acting Chairman	Consultant
Tony Elacqua	NYISO Representative

Guests:

Greg Drake	NYISO
John Adams	NYISO
Carl Patka	NYISO Counsel

1. Introduction

Al Adamson opened the meeting with introductions. Steve Fanning is not in attendance; Al will substitute as Chairman. Several members and guests participated on the telephone.

2. Approval of Minutes for Meeting #113

The minutes (2nd draft) of RCMS Meeting #113 held on June 11, 2009 were approved as written.

The approved minutes will be distributed to RCMS members and sent to Carol Lynch for posting on the NYSRC Web site, with a copy to Don Raymond.

3. Review of Action Items List

The following open action items were mentioned:

- Action Item #103-3: remains open; PRR not yet drafted
- Action Item #103-4: complete (approved in May); to RRS for comment posting
- Action Item #108-4: remains open; to be discussed in Agenda Item #7.1
- Action Item #108-7: complete; to be discussed in Agenda Item #7.1
- Action Item #108-8: remains open; to be discussed in Agenda Item #5.5
- Action Item #111-6: remains open; to be discussed in Agenda Item #5.5
- Action Item #111-7: remains open; RCMS recommendation implementation report to EC planned for October 2009
- Action Item #113-1: closed; to be discussed in Agenda Item #5.2

- Action Item #113-2: remains open; to be discussed in Agenda Item #5.3
- Action Item #113-3: remains open; to be discussed in Agenda Item #5.3
- Action Item #113-4: remains open; to be discussed in Agenda Item #5.4
- Action Item #113-5: remains open; to be discussed in Agenda Item #5.4
- Action Item #113-6: remains open; to be discussed in Agenda Item #5.4
- Action Item #113-7: complete; to be discussed in Agenda Item #5.4
- Action Item #113-8: complete; change implemented by A. Adamson

4. NERC/NPCC/NYISO Activities

4.1 NYISO 2008/2009 NERC/NPCC Compliance Program Status

A. Elacqua reviewed the latest requirements for which the NYISO has submitted data and is in full compliance. He also highlighted the requirements for which the NYISO will be discussing at today's meeting. At the August meeting, RCMS will clear up the completion status of C-M9 specific to Action Item 108-8.

4.2 NERC Standards Development Update

J. May summarized the latest developments in the NERC/NPCC 100kV "Bright-line" assessment. Comments are due to NPCC/NERC by mid-July. NPCC & NERC will aggregate data into a single Regional assessment in preparation of the September FERC filing.

A. Elacqua mentioned the approval and issuance of new NPCC Directory #12 (UFLS) and revised Directory #2.

4.3 NPCC Compliance Committee Report

No report provided; J. Appelbaum was absent from today's RCMS meeting.

4.4 Other NERC, NPCC and NYISO Activities

No activities reported.

5. NYSRC 2009 Reliability Compliance Monitoring Program

5.1 2009 Compliance Monitoring Program Summary Update

A. Adamson summarized the Measures that are on today's agenda: E-M6a (carry-over), K-M2b (carry-over), C-M11 (carry-over), and F-M4. He added that the Compliance Program Summary Report issued on July 2nd 2009 erroneously referenced footnote 6 for K-M2b; actual footnote is 7. A. Adamson will revise & issue updated report later today (*Action Item 114-1*). Lastly, he noted the due date change of G-M1 to G-M4 to 11/1/09. The assessment date has been delayed due to revised measurements as described in PRR #99, which may be approved by EC at Friday's meeting. While the posting may be delayed, it is believed that the 11/1/09 deliverable date is still possible.

5.2 Operating Report for June 2009

The NYISO provided electronic and paper copies of the June 2009 Operating Report with the matrix report that was issued this morning. A. Elacqua reviewed these reports with RCMS. The NYISO intends to add peak load information and wind capacity information to the report. S. Fanning & J. May's request for the addition of % error to the report will be reassessed after review of NYISO enhancements. Hence, Action Item 113-1 will be closed. The NERC/NPCC Reportable Events for June were 'Beyond Criteria' events and will be reported to SOAS. The RCMS found the NYISO to be in full compliance with Measurement K-M2d for June 2009.

5.3 Pre-Seasonal Fault Duty Assessment (E-M6a)

Appendix I of the Pre-Seasonal Fault Duty Assessment has not been completed and the RCMS did not receive the final report as requested at meeting #113 in June 2009. Neither the revision nor final report has been seen by NYISO RCMS Representatives. Additionally, J. Adams indicated that the Operating Protocol for Astoria has not yet been resolved. This unresolved issue does not affect NYISO compliance with E-M6a. Tony will follow-up internally; Action Items #113-2 & #113-3 will remain open. Al Adamson clarified that E-M6 is a two-part issue; Part 'A' is the identification of fault duty problems, whereas Part 'B' involves the implementation of changes required of Market Participants. Part 'B' becomes due in October, which includes corrective actions by MP's & Astoria Operating Protocol. RCMS expects report within the coming week. Since the completed report was expected in advance of today's meeting, RCMS initiated a 30-day clock for NYISO non-compliance, which starts today.

5.4 2009 Resource Adequacy Assessment (K-M2b)

Greg Drake reviewed with RCMS the latest revision of the Annual Assessment of Resource Adequacy report. The report now covers the New York Control Area for the upcoming summer & following 2 years, or 2009 - 2011. Previous reports included an additional "following" year; 2012 has been dropped. Original report baseline load forecast over period was 2009 Gold Book forecast and disregarded the PSC Energy Efficiency Portfolio Standard (EEPS). The forecast now includes a portion of the Renewable Portfolio Standard (RPS), however it still includes a sensitivity run with no EEPS benefit. The end of the report contains new Appendices 1a & b, which describe how capacity has been determined. Capacity projects have been identified year-by-year. In conclusion, the statewide planned resources remain adequate at a 16.5% reserve margin through 2011. NYC would meet their 80% requirement under both scenarios; however there could be a problem in 2011 if EEPS benefit does not materialize. LI meets the 94% requirement in all scenarios. The page 6 editorial comments were accidentally not included in latest distributed draft report to RCMS. A. Adamson commented that the Executive Summary did not identify the study period or any reference to the Appendices. He also noted a spelling error in 2nd paragraph. RCMS accepted report with discussed changes and found the NYISO to be in compliance with Measure K-M2b for 2009. **Action Item #113-5** will remain open, but be modified to include the Executive Summary changes and a new due date. **Action Item #113-6** will remain open in anticipation of the final report.

5.5 System Data Requirements (C-M11)

Measure C-M11 was originally due 4/1/09. In February 2009 the issue of governor response modeling (vs. actual response as recorded in the 2003 Black-out) in the UFLS study performed by SS-38 was concerning to E. Schrom. RCMS and PSC met w/ NYISO staff on 2/23/09 to discuss his concerns in detail. E. Schrom voiced additional concerns with the NYISO's first generator survey results. The NYISO has since conducted a second generator survey, which included information from 92% of the State's generating capacity. The NYISO discussed the information to RCMS earlier in the year, but E. Schrom was not present. More specifically, an issue with undisclosed changes in a generator exciter resulted in the development of Tech. Bulletin #160, which addresses all of the necessary components for compliance. It was further determined at the 2/23/09 meeting that the NYISO generator survey results of governor response data was important to the determination of compliance of Measure C-M11. At that time RCMS anticipated that the NYISO would report the survey results at the June 2009 RCMS meeting. The NYISO did not present survey results at the June meeting. Hence, a ruling on C-M11 compliance was postponed until July. The NYISO did not present the survey results at today's meeting, however John Adams addressed the issue on behalf of the NYISO. He stated that the Measurement relates to the NYISO's procedures for collecting data and should not be tied to the survey results. RCMS requested the NYISO to modify their previously provided Compliance Certification Statement to reflect this discussion of the survey results, then re-issue it for approval at the August meeting (*Action Item 114-1*). The RCMS granted the NYISO one additional month to demonstrate Market Participant compliance.

5.6 TO Load Shedding Capability (F-M4)

A. Elacqua reviewed the compliance Self-Certification Form for F-R8/F-M4 with RCMS. The RCMS accepted Compliance Certification Statement and found the NYISO to be in compliance with Measure F-M4 for 2009.

5.7 Review of August Compliance Assessments (F-M6)

A. Elacqua issued the Compliance Certification Statement for F-M6 one month early. He reviewed the form with RCMS. A. Adamson asked how the 5% quick response test results aligns with the 275MWs 2009 IRM Study. He noted that the compliance rule exists in order to have continuity with the IRM study. G. Drake stated that the study assumptions are provided by Operations, but are considered as tentative information. The test data is also provided by Operations. He indicated that he expected the test results to be around 2.5% of load, but this year's actual test results were only about 1%. He will review the data to determine if the actual test data is consistent with the present voltage reduction study assumptions for the 2010 IRM study, which is necessary to meet an August 1st deadline for inclusion in the IRM Study. He will share his findings with RCMS at the August meeting (*Action Item 114-2*). The RCMS accepted the Compliance Certification Statement and found the NYISO to be in compliance with Measure F-M6 for 2009.

6. Determination of Resource Availability C-R2/C-M5 Non-Compliance

The NYISO provided RCMS with a copy of a C-M5 Non-Compliance letter issued to a Market Participant (identifying information redacted) for over-selling capacity amounting to \$200,000,

as well as for violating C-M5. C. Patka represented the NYISO for the discussion, but details were limited at the time. He indicated that the NYISO has had difficulty in obtaining feedback from the generator owner in question regarding procedural changes, personnel changes, or additional training that has taken place to avoid future data errors. A copy of the letter (un-redacted) has been provided to PSC for follow-up. G. Drake indicated that this non-compliance issue has not impacted any of the IRM studies because these studies used NERC class average outage rates for the subject unit per ICS policy to use proxy data when units, such as this one, do not have a sufficient history of plant-specific outage data to obtain a reliable EFORD for the units. NYISO to provide additional background information at the August Meeting (*Action Item 114-4*), including the timeframe of data involved, the impact to any IRM Studies, and an indication this GADS mis-reporting event would have been flagged with the newly developed screening mechanism. The last item can be answered through a test case run for the future screening process that is currently under development.

7. Reliability Compliance Review of 2004 GADS Outage Data Misreporting Event Report Recommendations Update

7.1 Implementation Status Updates of Recommendations #1 - #7

The following table provides recommendation and status excerpts from the RCMS C-M5 Report:

Rec. #	Recommendation Excerpt	Status Excerpt
1	The EC should find the NYISO to be non-compliant regarding C-M5, but not issue a letter of non-compliance.	Complete
2	The NYISO should include mitigation measures in future non-compliance letters to Market Participants.	Complete.
3.1	RRS interpretation of Measurement C-M5 meaning “accurate resource outage data”	Complete.
3.2	RRS determines if NYISO definition of measurement C-M5 is consistent with RRS definition	Complete.
3.3	RCMS recommendation to EC as to whether or not further compliance reviews of previous cases is warranted.	RCMS’s explanation that no violations occurred prior to the 2006 rule change was discussed with the EC at their May 2009 meeting. Complete.
3.4	RRS to prepare a PRR to modify Measurement C-M5	RRS continues its development of PRR 101 to modify C-R2, C-M4, C-M5, & C-M6. No new information to report.
4	Improving the outage screening process	NYISO continues to meet weekly or semi-weekly to develop the process. A. Elacqua to provide monthly status updates until further

		notice. (<i>Action Item #108-4</i>) A. Elacqua provided a bullet item list of progress actions taken by NYISO (<i>Action Item 114-3</i>), which are described in Section 7.2 below.
5	NYISO conducting in-house NERC-GADS workshop	Complete.
6	MMU should notify Resource Planning during its investigation	Complete.
7	Joint NYISO/ICS EFOR trend analysis	ISO decision to continue to use 5-year historic EFOR as the basis for the study. NYISO to continue to provide existing graphs and analysis as requested by ICS going forward. Complete. (<i>Action Item #108-7 is complete.</i>)

7.2 Recommendation #3, Task 4 – PRR #101: C-R2 Revision - Status

Task 4:

A. Adamson stated that PRR 101 would be discussed at EC on Friday, however it may not be submitted to the Executive Committee for posting until August.

Elacqua reported on the updates to the new screening process and background checks under development. More specifically, The NYISO has identified a series of screens to check submitted GADS data:

- Within the GADS software, for each generating unit, screening would be performed comparing the current EFORd of the generator against a 5-year historical average EFORd for that unit
- Comparisons of differences in current year vs. 5-yr EFORd would look to identify underreporting (current EFORd below 5-year average) situations
- Outside of the GADS software checks, Market Monitoring will continue to perform longer-term evaluation of reported GADS/EFORd data focusing on events that were not reported and may lead to a physical audit.

The NYISO is in the process of defining the functional requirements for changes to the GADS NxL software. Tony expects Kathy Whitaker to present the changes under development at the September RCMS meeting. Al Adamson requested that she present to ICS, as well.

8. PRR # 102: Modification of K-M2d – Monthly Operations Report - Status

This item was discussed earlier under Agenda Item 3 (see Action Item 103- 4 above).

9. Review of June 12, 2009 Executive Committee Meeting

No report.

10. Other Business

None.

11. Next RCMS Meeting

The next monthly RCMS Meeting is scheduled for Thursday August 13, 2009. The meeting will be held in the NYC conference room in the basement of the NYSERDA offices at 17 Columbia Circle starting at 09:30.

Jeff May prepared the minutes of meeting #114.