

FINAL

New York State Reliability Council (NYSRC) Reliability Rules Subcommittee (RRS) Minutes of Meeting #28

***RRS Meeting @ NYISO Washington Avenue Extension,
Albany, NY***

Thursday, September 6, 2001

Attendance

John Muir	Con Edison	Member
Roger Clayton (Chairman)	PG&E National Energy Group	Member
Steve Corey	NYISO	Member
Larry Eng	Niagara Mohawk Power Corp.	Member
Larry Hochberg (Secretary)	New York Power Authority	Member
Joe Fleury	New York State Electric & Gas Corp.	Alternate Member
Ray Kinney	New York State Electric & Gas Corp.	Member
Pat Callahan	Rochester Gas & Electric	Member
Phil Davis	Keyspan Energy	Member
Alan Adamson		Consultant

Guests

Liam Baker	Orion Power New York
Mollie Lampi	NYISO
Steve Marron	E&MC Group

Agenda Items

1.0 Introduction

The meeting was called to order at 10:05 AM in Conference Room WD.

1.1 Executive Session

No Executive Session was requested.

1.2 Requests for Additional Agenda Items

Items 3.1.1-3.1.5, 3.2.1-3.2.3, 4.1, 5.2.1-5.2.3 were added to the agenda.

2.0 Meeting Minutes/Action Items

2.1 Approval of RRS Minutes #27

The minutes of RRS Meeting #27 were unanimously approved with minor revisions. Mr. Hochberg will revise accordingly and issue the final minutes.

2.2 Action Item List

The Action Item list was reviewed. An updated action item list is attached. Mr. Clayton will follow up on AI's 22-11 and 24-2. Regarding AI27-1 (guidance from legal counsel on data confidentiality) Mr. Clayton reported that this issue was discussed at the last EC meeting where Mr. Gioia indicated that he does not believe the NYSRC would be subject to FOIA requests since the NYSRC is not a government agency. Mr. Clayton stated that he requested and is awaiting a written confirmation of this opinion from Mr. Gioia.

3.0 NYSRC RR Development

3.1 List of Potential RR Changes

RRS reviewed the status of the priority 1 potential rule changes. Following is a summary of the discussions:

- Δ RR4 (Open Process Log No. RR01-08) – Definition of BPS. This definition has received final approval from the EC.
- Δ RR22 (Open Process Log No. RR01-01) – Protection Criteria. This potential rule has received final approval from the EC and is now a Reliability Rule.
- Δ RR31 (Open Process Log No. RR01-02) – Local RR #2 revision (Con Edison-Locational Operating Reserves). Orion's questions about this potential rule were addressed by RRS (see agenda item 3.1.1 below). Mr. Clayton noted that the EC made a couple of minor editorial changes to the 8/9/01 template. RRS agreed to send the template to the EC for final approval (AI28-1). Messrs. Clayton and Muir will obtain appropriate references to document the genesis of the original local rule #2 (PSC orders and Con Edison and NYPP operating procedures) (AI28-2).
- Δ RR32A (Open Process Log No. RR01-03) – Resource Adequacy. This potential rule has received final approval from the EC and is now a Reliability Rule. (Note that Δ RR37 below is a further revision to this rule).
- Δ RR32B (Open Process Log No. RR01-04) – System Modeling Data. This potential rule has received final approval from the EC and is now a Reliability Rule. (Note that Δ RR38 below is a further revision to this rule).

- ΔRR33 (Open Process Log No. RR01-05) – Load Forecasting. This potential rule has received final approval from the EC and is now a Reliability Rule.
- ΔRR35 (Open Process Log No. RR01-06) – System Restoration. Posted, comments were due 8/31/01. Mr. Fleury reported that no comments were received through the open process. Mr. Clayton reported that he received an e-mail dated 8/28/01 from Mr. Baker of Orion Power NY requesting that the comment period be extended to one week after Orion receives a copy of Con Edison's system restoration plan. Mr. Baker explained that since Orion's power plants are included in Con Edison's system restoration plan, a review of the plan would help them better understand how ΔRR35 could affect them. Mr. Baker reported that he has not yet received a copy of the plan. Mr. Clayton agreed to raise the issue of NYSRC jurisdiction in this matter at the next EC meeting (AI28-3). RRS made a few editorial changes to the template and agreed to send it to the EC for final approval at the next EC meeting (AI28-1). Mr. Clayton requested Mr. Muir to ascertain the status of releasing Con Edison's restoration plan to Orion Power NY (AI28-4).
- ΔRR36 (Open Process Log No. RR01-07) – Reliability Assessment. This potential rule has received final approval from the EC and is now a Reliability Rule.
- ΔRR37 (Open Process Log No. RR01-09) - LSE Capacity Requirements. This potential rule has been posted for comments; comments are due 10/5/01.
- ΔRR38 (Open Process Log No. RR01-10) - Resource Availability Requirements. This potential rule has been posted for comments; comments are due 10/5/01.
- ΔRR39 (Open Process Log No. RR01-11) - Transmission Planning Capability Measurements. This potential rule has been posted for comments; comments are due 10/5/01.
- ΔRR40 (Open Process Log No. RR01-12) - Operating Reserve Measurements. This potential rule has been posted for comments; comments are due 10/5/01.
- ΔRR41 (Open Process Log No. RR01-13) - Operating Transmission Capability Measurements. This potential rule has been posted for comments; comments are due 10/5/01.
- ΔRR42 (Open Process Log No. RR01-14) - Operation During Major Emergencies Measurements. This potential rule has been posted for comments; comments are due 10/5/01.
- ΔRR43 (Open Process Log No. RR01-15) - Local Reliability Rules Measurements. See agenda item 3.1.2.
- ΔRR44 (Open Process Log No. RR01-16) - NYISO Control Center Communications Measurement. This potential rule has been posted for comments; comments are due 10/5/01.
- ΔRR45- Local RR#5 Revision (LIPA-Loss of Generator Gas Supply). See agenda item 3.1.3.

3.1.1 Finalize Orion Response

Draft#3 dated 9/5/01 of RRS' response to Orion Power's comments on proposed reliability rules was reviewed. The latest draft provides responses to several open questions and action items from the previous RRS meeting. RRS reviewed in detail the responses to Orion Power's questions about ΔRR31 – Local RR #2 revision. Following are the questions from Orion (in Italics) with RRS responses given at this meeting:

RR01-02:

Title of Proposed Rule Change: NYSRC Local Rule #2 (PRR #31)

1. *Please provide an example of how implementation of this rule change would impact the current level of 10-minute reserves required in New York City?* Mr. Clayton read the prepared response to Orion. The RRS indicated that there would be no impact.
2. *What is the reliability concern that is being address by this rule?* Mr. Clayton read the prepared response to Orion and indicated that there is no new reliability concern.
3. *Do the 10 minute reserves required by ConEd address first contingency reserve requirements and second contingency requirements.* 10-minute reserves are to respond to first contingencies.
4. *What are the NYSRC rules that determine the 10 minute operating reserve for NYCA.* The response provides references.
5. *What will be the procedure for the NYISO development of the written procedures associated with this rule change. Will these procedures be included in a manual; if so, which one?* Mr. Corey read the general language about LRRs included in the NYISO T&D Operations Manual and indicated that no detailed procedures for LRRs had been identified. Mr. Adamson reported that the RCMS could not identify detailed procedures either and that steps are being taken to add specific procedures to the NYISO manual for all the local rules with a deadline of 12/1/01. This will be added to the prepared response.
6. *The proposed rule change does not identify the advantages or disadvantages of this rule change; what are they?* The advantage is to properly identify the NYISO as the responsible agency for implementation of this rule.

Mr. Fleury will provide a closing paragraph to Mr. Adamson who will then revise the prepared response to include comments made at this meeting and e-mail it to Ms. Lynch (AI28-5).

3.1.2 DRR43 (Open Process Log No. RR01-15) - Local Reliability Rules Measurements

Mr. Adamson reported that the EC made a few changes to the LRR measurements template at its last meeting which have been included in the revised template. RRS agreed to send the revised template to the EC for approval to post (AI28-6).

3.1.3 DRR45- Local RR#5 Revision (LIPA-Loss of Generator Gas Supply)

Mr. Clayton reported that he had spoken with Mr. Dahl to discuss the issues raised at the last RRS meeting. He stated that a new sentence was added to address concerns raised about naming specific units. RRS reviewed the 9/4/01 revision of the template and, after considerable discussion, further modified the template. The last sentence starting with "Interconnection of" was moved to after

"continuing operation". "The current limitations" starts a new paragraph. Item 2 should read "2. At load levels greater than 4500MW - Port Jefferson 3-4, which are supplied from the Keyspan gas system, shall be restricted to oil burn." Mr. Adamson will revise the template and send it to Mr. Fleury to obtain EC approval to post (AI28-7).

3.1.4 Impact of Voltage Reduction on Reliability

Mr. Clayton reported that, at the last EC meeting, Mr. Sasson suggested that a reliability rule may be needed to address the impact of voltage reduction on reliability. Since the RRS was not aware of Mr. Sasson's specific concern, Mr. Clayton volunteered to obtain a clarification for discussion at the next RRS meeting (AI28-8).

3.1.5 Day-Ahead Unit Commitment - Minimum Down Time Limits

Mr. Clayton reported that a reliability concern was raised by Mr. Sasson regarding the way the NYISO Security Constrained Unit Commitment (SCUC) program handles generator minimum down time requirements. Mr. Davis reviewed how the NYISO SCUC program works. RRS discussed potential reliability issues regarding the minimum down time issue including the potential for over generation during light load periods and under generation during peak load periods. Mr. Clayton noted that Mr. Sasson was requested to prepare a draft letter addressed to the NYISO for EC consideration. Mr. Clayton also noted that Mr. Gonzales had made a presentation to the EC on this topic at its July meeting. After considerable discussion, RRS agreed not to pursue developing a new rule at this time. Instead, RRS recommended redirecting this matter to the RCMS to determine whether the NYISO is meeting the existing Reliability Rules (Rule 4.1) and whether the existing reliability rules could be met without the frequent intervention of the TOs. At the next EC meeting, Mr. Clayton will suggest that the matter be assigned to RCMS and that a copy of Mr. Sasson's draft letter describing his concerns be forwarded to the RCMS (AI28-9).

3.2 RR Revision 2 Update

3.2.1 Glossary

RRS began reviewing the draft Glossary dated 8/27/01. Mr. Eng informed RRS that a draft update of NPCC A7 (NPCC Glossary of Terms) has been posted on the NPCC web site. Some changes were suggested for the following terms:

Capacity- change definition to be consistent with NPCC/NERC
External installed capacity-have the NYISO review this definition
Operating capacity-remove

For acronyms it was decided to use quotes and parenthesis when first stated in the text.

Due to lack of time, RRS decided to hold a conference call to complete the glossary review. The conference call was scheduled for 9/25/01 starting at 8:00AM. Mr. Corey was requested to arrange the conference call (AI28-10).

3.2.2 Cross Reference

Mr. Adamson reported that he had received comments on several sections. It was requested that all comments should be sent to Mr. Adamson by 9/14/01.

3.2.3 Reliability Rules Rev. 2

Mr. Clayton inquired whether rev. 2 should undergo an independent review, possibly by a consultant. After some discussion, it was agreed not to pursue this idea due to funding constraints.

4.0 Additional Agenda Items

4.1 Orion Power Request for Con Edison system restoration plan

This item is dealt with under item 3.1 ΔRR35 above.

5.0 Reports

5.1 NYSRC EC Meeting #28

Minutes of NYSRC EC meetings are available at <http://www.nysrc.org>.

5.2 NYSRC ICAP WG

ICAP WG minutes are available at <http://www.nysrc.org>.

5.2.1 ICAP Deliverability Issues

A copy of the 8/13/01 draft "NYSRC Deliverability Issues Study Scope of Work" was distributed and reviewed. RRS agreed to modify the scope as follows:

Using the final ICAP study base case from 2001 (existing generation and load) three cases should be developed as follows: case 1 should be modeled with no LI intra-zonal constraints, case 2 should model the LI intra-zonal constraints and case 3 should model the LI intra-zonal constraints and also shift

about 750MW of generation into the constrained LI location. Mr. Adamson was requested to revise the scope and send it to Mr. Clayton and Mr. Dahl for comment (AI28-11).

5.2.2 Impact of UCAP on IRM

There was nothing new to report.

5.2.3 2002 IRM Study Assumptions

RRS reviewed an 8/31/01 draft table of 2002 IRM study assumptions provided by Mr. Adamson and discussed the reasons for the changes from the 2001 study assumptions. RRS made several changes to the table of assumptions as follows:

Items 2 & 3: change "Gold Book" to "NYISO Load & Capacity Report"

Item 13: change "600 MW" to "500 MW"

Item 15: Mr. Hochberg stated the Marcy CSC project had resulted in an increase in the operating normal transfer limits for Central East and inquired whether the IRM study transmission representation should be updated to reflect the higher limits. Mr. Hochberg noted that this issue was raised in an e-mail by Mr. Baldi, an ICAP WG member. Messrs. Corey and Adamson were requested to find out the reason why the increase in the Central East transfer limit due to the Marcy CSC project is not reflected in the updated study assumptions for the transmission representation and report the findings to RRS (AI28-12). To capture these discussions, Item 15 was changed to read "reduction of LIPA import limit and possible impact of Marcy CSC project".

Mr. Corey noted that the IRM study transmission representation uses emergency transfer limits but, NYISO Operations does not recognize going to single contingency for voltage collapse (rule 4.2.3.2) and stability limits (rule 4.2.4.b), only for thermal limits (rule 4.2.2.2.b.). Mr. Hochberg stated that the voltage collapse limits are typically much lower than the limits quoted in the IRM study. Mr. Corey responded that the limit indicated for Central East transfer in the transmission system map included in the IRM study report Appendix A includes other lines and that the map should be updated accordingly (AI28-13).

5.3 NYSRC RCMS (NYISO Compliance)

There was nothing new to report. RCMS minutes are available at <http://www.nysrc.org>.

6.0 Next Meeting

Niagara Mohawk Offices at Syracuse, NY on Wednesday, 10/3/01 at 10:00 AM

The meeting was adjourned at 4:45 PM.

Final Minutes of Meeting #28. Submitted to RRS by Larry Hochberg on October 10, 2001.