

FINAL

New York State Reliability Council (NYSRC) Reliability Rules Subcommittee (RRS) Minutes of Meeting #14

O&R- Blue Hill Building, Pearl River, NY

Friday, June 30, 2000

Attendance

Mayer Sasson (Chairman)	Consolidated Edison Co. of New York, Inc.	Member
Roger Clayton (Secretary)	PG&E Generating	Member
Keith O'Neal	New York State PSC	Member
Steve Corey*	NYISO	Member
Larry Eng	Niagara Mohawk Power Corp.	Member
Larry Hochberg*	New York Power Authority	Member
Phil Davis	KeySpan Energy	Member
Ray Kinney*	New York State Electric and Gas Corp.	Member
Alan Adamson		Consultant
John Adams	NYISO	Guest

* = Did not attend, ** =Attended part time, *** =Attended part time by phone

1.0 Introduction

1.1 Request for Additional Agenda Items

The posted agenda was discussed and amended as shown in Agenda Item 7. There being no further discussion, the amended agenda was adopted.

1.2 Topics for Open Session

The open session agenda items were reviewed briefly in preparation for the open session.

2.0 Meeting Minutes/Action Items

2.1 Approval of RRS Minutes #13

The RRS Meeting #13 Minutes were unanimously approved with minor revisions.

2.2 Action Item List

The updated action item list is attached.

3.0 Report on NYSRC EC Meeting #14

Mr. Sasson updated RRS regarding EC meeting #14:

- Reliability vs. Economics. The EC suggested that the draft policy developed by RRS should be revised and incorporated into the RRS Work Scope. This was discussed by RRS and Mr. Al Adamson agreed to revise the RRS Work Scope based upon NPCC documentation.
- Ramp Rate. The EC tabled the proposed reliability rule and suggested a meeting with the NYISO to obtain more information. Mr. Sasson reported to RRS that he met with Mr. Museler and Mr. Calimano of the NYISO who believe that the NYISO has no tariff based mandate to apply NO_x constraints. He learned that there are currently 20-25 reserve pick-ups per month because of non-compliant regulation. It was suggested that the problem may be that the generators are not in compliance with AGC regulation requirements.
- NO_x Emission Constraints. The EC will send a letter to NYISO requesting that they seek a DEC waiver and another letter to DEC in support of the NYISO request. The RRS noted that the NO_x compliance problems are related to the apparent lack of AGC regulation and suggested the following actions:
 - RRS request that the RCMS monitor NYISO compliance with the NPCC Document A-6, Operating Reserve Criteria, Section 4.2.1 rule dealing with Daily Operation.
 - RRS shall develop a new RR to the effect that the NYISO shall direct its market and operations in a manner that shall not result in generators being forced to become unavailable in order to meet DEC NO_x requirements.

4.0 Senate Bill Amendment S. 2071, “Electric Reliability 2000 Act”

The RRS reviewed the Senate Bill presently under consideration in Washington with the following comments:

- Reliability is placed under FERC jurisdiction.
- Reliability rules are either set by the governing Electric Reliability Organization (ERO), or must be consistent with the ERO rules if set by another entity.
- There is no provision to grandfather existing rules, e.g. NYSRC RR.
- There is no provision to implement emergency rules.
- The treatment of rules that are “inconsistent” with the rules of the ERO is ambiguous. It is not clear whether inconsistent means more specific or more stringent. In addition, the FERC dispute resolution process with respect to new rules is unclear.
- NYSRC does not appear to qualify as an ERO because its Board of Directors has to be “representative”.

5.0 NYSRC RR Development

It was agreed that all potential rule changes will be noted even though some may be removed from consideration. This is to maintain a record of all potential rule changes that were considered.

The list of potential RR changes contained in the minutes of meeting #13 was reviewed. For the next RRS meeting, a request was made for each assignee to write a 1-2 sentence explanation of the potential RR change.

	<u>Potential Rule Change</u>	<u>Assignee</u>	<u>RRS Action</u>
1.	Changed P-V criterion	S. Corey	
2.	Planning responsibility (NY ISO TEI 5.3)	N/A	NYISO issue
3.	Prioritization. Planning by queue position or by group	N/A	NYISO issue
4.	Definition of BPS	S. Corey	
5.	Provision for Emergency Actions	K. O'Neal (T)	
6.	Reserve requirements as a function of demand elasticity		Remove from list.
7.	ICAP 1/10 & EOP criteria	ICAP WG	2001 IRM study
8.	Reactive load and resource PF requirements	S. Corey	
9.	Normal/extreme contingency definition	S. Corey	
10.	Incremental impact criterion	S. Corey	
11.	CBM/TRM issues	R. Clayton	
12.	Disturbance reporting	L. Eng	
13.	Long term reserve requirements (ISO/RC Agreement, Article 4.5)	K. O'Neal	
14.	ICAP assumptions on generators to be included in study	ICAP WG	2001 IRM study
15.	Replacement Operating Reserve	K. O'Neal (T)	Completed. Remove from list.
16.	"Quick Start" Mode for 30 Minute GTs at Gowanus & Narrows	M. Sasson (T)	Completed. Remove from list.
17.	Impact of local RR on local and state wide reserve requirements	ICAP WG	2001 IRM study
18.	Special Protection Systems – Application Criteria	R. Clayton (T)	Agenda item for next meeting.
19.	15 minute reserve criterion		Remove from list.
20.	Multiple utilities on same ROW	V. Kotecha	Assignee added.
21.	Restoration criteria	M. Sasson	Assignee added.
22.	Protection criteria	S. Corey	
23.	Generator Unit Availability Data Requirements	A. Adamson (T)	Completed. Remove from list
24.	Interconnection requirements		J. Adams to discuss

with S. Corey.

25.	NOx Emissions – DEC criteria and impact on dispatch in NYC	M. Sasson	Pending
26.	Equipment maintenance criteria	P. Davis	Remove from list.
27.	System data maintenance		Description of potential rule required
28.	Ramp-rate reserve criterion	M. Sasson (T)	Tabled.

(T) Template completed

It was agreed to consider prioritizing the list of potential rule changes at the next meeting.

RRS discussed further actions on several rules:

- Potential Rule #7 - ICAP 1/10 & EOP Criteria. It was agreed that Mr. J. Adams would include a sensitivity analyses in the 2001 IRM study to determine IRM for a LOLE of 1/20, with and without EOPs.
- Potential Rule #14 – ICAP assumptions on generators to be included in study. It was agreed to include all NYCA IPPs and Homer City as a sensitivity run in the 2001 IRM study.
- Potential Rule #17 – Impact of local RR on local and state wide IRM. It was agreed to include local RRs as a sensitivity run in the 2000 IRM study.

6.0 Review of the present LOLE and voltage reduction criteria used in NYSRC ICAP studies

This was discussed in Agenda Item 5.0.

7.0 Additional Agenda Items

7.1 NYISO Reaction to NOx Letter

An email from J. Watzka (Chairman, NYISO Operating Committee) regarding the NYSRC exceeding its authority in proposing to set short-term operating rules was discussed at length. The NYISO/RC Agreement, Article 4, Section 4.4 states, “The NYSRC shall develop Reliability Rules for implementation by the ISO to insure that sufficient Operating Capacity is committed on a Day-Ahead basis to insure the reliable operation of the NYS Power System during the next day”. This subject was discussed at length and, while it is clear that the NYISO has responsibility for implementing the NYSRC RRs, the RRS concluded that the NYSRC does have authority to set rules that govern the short-term reliability of the system.

7.2 NERC 10 minute spinning reserve requirement

Mr. J. Adams will request a compliance report from NYISO.

7.3 Millennium Pipeline

Mr. J. Adams presented a report showing the effect of an extreme contingency loss of six 345 kV lines feeding NYC. It predicted voltage collapse and instability at 50% and 90% load levels, and was clearly unacceptable. It was noted that a factor not considered in the study was the potential effect of the loss of the gas supply itself on NYC generation.

Millenium has since proposed a new pipeline routing that has a lateral exposure of 3 miles on only four 345 kV lines feeding NYC. The same report indicated that an extreme contingency loss of those four 345 kV lines would cause the loss of load from the ConEd Eastview substation. Mr. M. Sasson will investigate the consequences of such a loss. Possible remedies to such a loss include: another routing completely avoiding the 345 kV ROW; valving on the parallel stretch; a pipeline jog when within 1500 feet of the 345 kV lines.

8.0 Open Session

The open session ran from 1300 to 1315 with no participants on-line.

8.1 NYSRC ICAP WG Report

A June 28, 2000 ICAP WG conference call discussed action items and set the next meeting for July 25, 2000.

8.2 NYSRC RCMS Report (NYISO Compliance)

There was no update.

8.3 NYSRC RRS Report (NERC/NPCC Compliance)

There was no update.

8.4 NYSRC RR Development Report

Discussed above.

9.0 Next Meeting

RRS Meeting #15 is scheduled at the NYISO on Tuesday, August 1, 2000 @ 0930.

Final Minutes of Meeting #14. Submitted to RRS by Roger Clayton on August 14, 2000.