

# ***FINAL***

## ***New York State Reliability Council, L.L.C. (NYSRC) Reliability Rules Subcommittee (RRS) Minutes of Meeting #45***

### ***RRS Meeting @ NYISO Offices Washington Ave. Extension, Albany, NY***

***Thursday, March 6, 2003***

#### **Attendance**

Roger Clayton (Chairman)	Conjunction LLC	Member
Jack Alvarez	Con Edison	Member
Larry Eng	National Grid	Member
Phil Davis	Long Island Power Authority	Member
Edward Schrom	NY Public Service Commission	Member
Larry Hochberg (Secretary)	New York Power Authority	Member
Ray Kinney	New York State Electric & Gas	Member
Joe Fleury	New York State Electric & Gas	Member
Pat Callahan	Rochester Gas & Electric	Member
Alan Adamson		Consultant

#### **Guests**

Bob Waldele	NYISO	Participant
Greg Campoli	NYISO	Participant
Cory Smith	NYISO	Participant

#### **Agenda Items**

##### **1.0 Introduction**

The meeting was called to order at 10:05 a.m. Messrs. Davis and Callahan announced that they will be retiring. On behalf of RRS and the NYSRC, Mr. Clayton thanked them for their efforts on RRS and wished them all the best. Mr. Davis noted that Mr. Ted Pappas would be replacing him on RRS. Mr. Callahan indicated that there would be no replacement for him due to the merger of NYSEG and RG&E. Mr. Clayton announced that he was no longer with PG&E National Energy Group and that he was now with Conjunction LLC. He noted that he had resigned from the EC since he no longer represents the generator sector, but will remain on RRS as Chairman. Mr. Adamson will report on RRS matters at the next EC meeting.

##### **1.1 Executive Session**

No Executive Session was requested.

## **1.2 Requests for Additional Agenda Items**

Mr. Clayton requested a discussion of the Openness Policy. This will be covered under agenda item 4.1. Mr. Adamson requested a discussion of proposed templates for A-M2 and A-M3 and Applications of Reliability Rules both of which would be covered under agenda item 3.1. He also requested a discussion of the BPS Facilities List which will be covered under agenda item 4.2.

## **2.0 Meeting Minutes/Action Items**

### **2.1 Approval of RRS Minutes #44**

The minutes of RRS Meeting #44 were approved with minor revisions. Mr. Hochberg will issue the final minutes.

### **2.2 Action Items List**

The action items list was reviewed and updated. An updated action items list is attached.

Regarding AI 39-3, this AI will be maintained as ongoing.

Regarding AI 39-10, this AI will be maintained as ongoing.

Regarding AI 41-1, this AI has been superseded by PRR #60. This AI was closed.

Regarding AI 43-1, Mr. Alvarez reported that he had received an e-mail from Mr. Corey that was addressed to TFSS which reported results of limited sensitivity analysis. It indicated that disabling governors in SENY would have a substantial impact on the post-island response. Mr. Eng indicated that there was a need to change settings on underfrequency load shedding relays to reduce the time delay from 0.75s to 0.3-0.4s. Mr. Eng indicated that he would be sending a letter to the NPCC RCC requesting that areas review their settings and look at sliding pressure response and report back to the task forces. Mr. Eng was requested to forward the underfrequency report to RRS (**AI 45-1**). This AI will remain as ongoing.

AI 43-6 was completed. Mr. Hochberg to forward the PRR #57 template to RRS (**AI 45-2**).

Regarding AI 43-9, the date was changed to ongoing.

AI's 44-1 and 44-2 were completed. Mr. Alvarez to forward RRS a copy of e-mail on concern about sustainability of reserve discrepancy (**AI 45-3**).

Regarding AI 44-3, the date was changed to 4/3/03.

AI's 44-4, 44-5 and 44-6 were completed.

The wording on AI 44-7 was modified and will be kept as ongoing. Regarding AI 44-8, Messrs. Adamson and Clayton reported that they had not received any comments. This AI was closed.

### **3.0 NYSRC RR Development**

#### **3.1 List of Potential RR Changes**

RRS reviewed the list of potential rule changes as follows:

##### ?RR 8 - Reactive Load and Resource PF Requirements at BPS/LSE Boundaries

Mr. Smith reported that Mr. Waldele had made a presentation at a recent TPAS meeting and that it is expected that the study will be finalized in the next few weeks.

##### ?RR 29 – Fault Duty Assessment - Planning

This PRR received final EC approval on 2/14/03.

##### ?RR 50 – Distribution of Testing Results-Expedited Rule To Be Made Permanent

Mr. Fleury noted that he had revised the template for PRR 50 in accordance with his comments and sent a redline version to RRS (e-mail 2/8/03). RRS reviewed the template. Mr. Alvarez requested that a request for both summer and winter data be added. Mr. Waldele stated that the NYISO could provide summer and winter DMNC data, but not seasonal reactive capability limits. C-R1 with the title was added to the beginning of section 4. The word “energy” was changed to “and” in section 6. Mr. Fleury noted the last paragraph in the comments section (section 10). Mr. Clayton stated that comments do not have any force although the generators may be sensitive to it. A question was raised as to whether the template needs to be reposted. It was noted that the interim rule expires 5/10/03. Mr. Fleury will revise the template and send to the EC with a recommendation for final approval (**AI 45-4**).

##### ?RR 52 - Generator Governor Response

Discussed under AI 43-1 above.

##### ?RR 55 – Modification of BPS Protection Maintenance Measurement H-M2 and new Measurement H-M3

Mr. Adamson reported that he had sent the template to RRS (e-mail 2/16/03) and that RCMS recommended that it be sent to the EC for approval to post. RRS reviewed the template and requested Mr. Fleury to send the template to the EC with a recommendation for approval to post (**AI 45-5**).

##### ?RR 56 – Modification of Exception No. 18

Mr. Alvarez reviewed the revised template which was sent to RRS (e-mail 2/27/03). Mr. Clayton asked what is meant by “open ending”. It was noted that a more commonly used term is line end open. Mr. Alvarez will check with operators for the appropriate term. Mr. Adamson noted that the title was different from the original exception. Mr. Fleury requested that the redline be indicated for changes from the original exception. Mr. Alvarez will revise the template as discussed and Mr. Fleury will send it to the EC for approval to post (**AI 45-6**).

#### ?RR 57 – Fault Duty Assessment - Operating

Mr. Waldele explained the changes made to the template. He noted that the NYISO was comfortable with doing a pre-seasonal assessment and providing a report to the TOs of any problems found. It was noted the RRS agreed at the last meeting that the rule should read the same as the planning rule i.e. “Fault duty levels shall be within appropriate equipment ratings.” Also, in the measurement, replace “BPS” with “NYS Bulk Power System”. Mr. Waldele will revise the template and forward to Mr. Adamson and Mr. Adamson will forward the template to RCMS for compliance elements (AI 45-7). RRS recommends sending the completed template to the EC for approval to post.

#### ?RR 58 – System Data

This PRR received final EC approval on 2/14/03.

#### ?RR 59 – Operating Reserves

Mr. Campoli reported that Mr. Calimano would be attending the next RRS meeting to discuss the restoration of operating reserve issue. Mr. Adamson had sent RRS a paper prepared by the NPCC CO-1 working group which covers the reliability impact of increasing the restoration period for 10 min. operating reserves from 30 min. to 105 min. Mr. Adamson noted that he had sent Mr. Campoli an e-mail (2/20/03) with questions about a similar NYISO study referred to in the paper and asking why the TFCO recommendation did not reference this white paper. Mr. Alvarez asked Mr. Campoli whether the restoration of 10 minute reserves in 30 minutes was part of a PSC ruling. Mr. Campoli indicated that the NYISO looked into that and no timing for restoration of reserves was mentioned. Mr. Davis referenced PSC case #27244-Investigation of July 13, 1977 Con Ed Power Failure in which the NYPP gave the PSC information on its 10 min. and 30 min. operating reserves and restoration of the reserves. He referenced a NYPP task force report published in April, 1978 which provided this information.

#### ?RR 60 – Modification of NYISO Operating Data Reporting Requirements Specified by Measurements D-M1, D-M3, E-M2, and E-M5

D-M1—Mr. Campoli explained that the changes made to D-M1 were discussed at RCMS. He stated that the NYISO could provide statistics based on when they go into the alert state. Mr. Adamson asked why the reference to 10min. and 30min. reserves was left out. Mr. Campoli stated that those statistics are reported to the RC when they go into the alert state. Mr. Adamson asked why the sentence on locational reserve was deleted. RRS asked that the sentence to be put back into D-M1. The words “during the month” were changed to “to the NYSRC on a monthly basis”. RRS also agreed to change “Alert State” to “Warning State or higher”.

D-M3—Mr. Campoli stated that the 300MW trigger level was changed to 500MW to be consistent with NPCC and because other reports use the 500MW trigger level. Mr. Davis stated that the 300MW trigger provided a better “flavor” of how the NYISO is responding since it happens more often. Mr. Alvarez agreed. After further discussion about what trigger level to use, RRS agreed to keep the 300MW trigger level. Mr. Campoli noted that the 300MW trigger level would pose an additional reporting burden. RRS also agreed to replace “unit” with “resource” since, for example, two smaller units (less than 300MW each) with a combined rating of 300MW or more could be lost in a single contingency. Mr. Adamson noted that the original PRR #46 template included reporting reserves 4 hours after the incident based on a proposed rule D-R5.

E-M2—Mr. Campoli indicated that the template was changed to be consistent with current practice. He noted that the NYISO currently uses the alert state as a trigger for reporting overloads. Mr. Fleury stated that he thought the trigger should be on the warning state. Mr. Campoli stated that the warning state happens more frequently but is not considered a reliability concern since the NYISO operates a very tight and economic system. After discussion about whether to trigger on alert state or warning state, RRS agreed to change “Alert State” to “Warning State or higher”. RRS requested that the words “pre-contingency thermal and voltage limits, post-contingency thermal and voltage limits, and stability limits” be put back into the measurement. Mr. Adamson questioned whether E-M2b. is for transmission only or does it include generation as well. He also noted that the RC wanted more information including what zone was impacted, the amount of load relief, and the reason. Mr. Clayton stated that he wanted to get input from ICS on wording they would want. Mr. Campoli suggested that this measurement (E-M2b) would be better placed in the major emergency section of the rules manual. He indicated that manual voltage reduction can be done in the alert state. RRS agreed to keep E-M2b as is for now and asked Mr. Adamson to review E-M2b for changes to wording and location in the manual (AI 45-8). Mr. Campoli was requested to revise the PRR #60 template as per discussions and send to RCMS before their next meeting (AI 45-9).

?RR 61 – NYISO documentation reference for “Dependable Maximum Net Capacity”  
Mr. Alvarez had sent this template to RRS (e-mail 2/10/03). RRS approved the template. It was noted that definitions do not get posted. Mr. Fleury is to send the template to the EC for final approval.

#### Changes to Section B & C Rules Manual Introductions

Mr. Adamson reported that the changes to the introduction to section B are being revised and the changes to the introduction to section C were approved.

#### Discussion of NPCC Document A-3-Emergency Operation Criteria

Mr. Campoli reported that section 4.10 is an addition to the criteria and it applies to a list of critical elements. It defines test requirements and test cycles and was approved by the RCC last November. He noted that the NYISO is already following the blackstart test requirement. He also reported that there will be a pilot compliance program in 2003 for section 4.10. He will be coordinating the testing. A self-certification letter indicating NYISO and TO compliance will be sent to NPCC in the first quarter of 2004. Mr. Adamson noted that the revised A-3 may require changes in NYSRC rules manual sections G-R1, G-R2 and J. It was noted that, from the NPCC Criteria Revision Tracking Summary, Mr. Clayton is assigned the review of A-3 for impacts to NYSRC rules.

#### Applications of Reliability Rules

Mr. Campoli reported that he had distributed the ARR list to the TOs for review and re-posted the revised list on the NYISO website. The question was raised whether the NYSRC still needs to post the list. Mr. Fleury referred to the NYSRC “Process for Defining New or Modifying Existing Applications of the Reliability Rules” in which it states that the NYSRC shall update its website. RRS agreed to propose to the EC that a link to the NYISO’s website be posted rather than posting the list directly. Mr. Campoli indicated that the list will eventually be added to the T & D manual.

Mr. Adamson stated that the exhibits for the NYSRC initial reliability rules are still posted on the NYSRC website and questioned whether they are still needed. Mr. Fleury listed the name of each exhibit. Mr. Campoli stated that the ratings document has not been superceded. It was noted that some of the exhibits are referenced in section B of the rules manual. RRS agreed that the NYISO should first make sure that the exhibits are covered by other NYISO documents and then they can be removed or replaced with a current reference. Mr. Smith was asked to check on this (AI 45-10).

### **3.2 NPCC Rules Revisions Update**

It was noted that comments on NPCC A-2 are due 3/10/03. Messrs. Clayton and Adamson indicated that they will submit comments on A-2.

### **3.3 NERC SARs/Organization Standards**

Mr. Adamson had sent RRS two NERC draft SARs, RS#9-Coordinate Operations and RS#12-Certification of the Balancing Authority Function, and one NERC draft standard, RS#2-Operate Within Limits. RRS had no comments on these documents.

## **4.0 Additional Agenda Items**

### **4.1 Discussion of Openness Policy**

Mr. Clayton reported that the EC had requested him to draft a revision of the openness policy which would include posting of meeting documents. RRS reviewed the draft memo which Mr. Clayton provided at the meeting. Mr. Clayton suggested that the Chairman would compile all documents to be posted. RRS agreed to forward the draft to the EC for their consideration.

### **4.2 BPS Facilities List**

Mr. Adamson reported that some companies had concerns about the potential cost of upgrading facilities on the BPS list. Mr. Fleury stated that the NYISO was to review the list with the TOs when it is prepared. Mr. Kinney stated that there is a need to determine the impact of the procedure on the existing MP-7 list. Mr. Fleury stated that not all MP-7 list BPS facilities are in compliance with NPCC BPS criteria—only a subset of that list were required to meet NPCC BPS requirements. Mr. Smith indicated that the NYISO is still in the process of determining what facilities would be on the BPS facilities list and that he is preparing responses to comments he has received.

## **5.0 Reports**

### **5.1 Report on NYSRC EC Meeting #46**

There were no items were reported.

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

### **5.2 NYSRC ICS**

Mr. Adamson reported that the ICS was asked by the EC to prepare a white paper on lessons learned from performing the IRM study and that a final version of the paper would be sent to the EC for its next meeting.

### **5.3 NYSRC RCMS**

There were no items reported.

### **6.0 Next Meeting**

NYISO offices at Washington Avenue Extension, Albany, NY on April 3, 2003 at 10:00 a.m.

The meeting was adjourned at 2:45 p.m.

Final Minutes of Meeting No. 45 submitted by Larry Hochberg on April 11, 2003.