

FINAL

New York State Reliability Council, L.L.C. (NYSRC) Reliability Rules Subcommittee (RRS) Minutes of Meeting #44

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

Thursday, February 6, 2003

Attendance

Roger Clayton (Chairman)	PG&E National Energy Group	Member
Jack Alvarez	Con Edison	Member
Larry Eng	National Grid	Member
Phil Davis	Keyspan Energy	Member
Larry Hochberg (Secretary)	New York Power Authority	Member
Steve Corey	NYISO	Member
Joe Fleury	New York State Electric & Gas	Member
Alan Adamson		Consultant

Guests

John Adams	NYISO	Participant
Bob Waldele	NYISO	Participant
Stephanie Kueffner	Hunton & Williams	Participant

Agenda Items

1.0 Introduction

The meeting was called to order at 10:05 a.m.

1.1 Executive Session

No Executive Session was requested.

1.2 Requests for Additional Agenda Items

Mr. Adamson had suggested changes to the RR manual, discussion of BPS facilities list and MAAC reliability standards all of which will be covered under agenda item 3.1. Mr. Adams stated that language from the revised NPCC A-6 should be brought into the NYSRC rules. This will be covered under PRR 46. Mr. Adams indicated that Mr. Campoli had developed language for D-M3 which would be circulated within the NYISO. This also will be covered under PRR 46. Mr. Clayton requested a discussion of

a more detailed agenda based on concerns raised at the last EC meeting. This will be covered under agenda item 4.1.

2.0 Meeting Minutes/Action Items

2.1 Approval of RRS Minutes #43

The minutes of RRS Meeting #43 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, Mr. Corey reported that formal written testimony will be submitted to FERC this month and that hearings are scheduled for the first week in March. Mr. Clayton asked whether there had been any discussion about RRS' current work on establishing rules for fault current. Mr. Corey indicated that the subject had come up with reference to both the NPCC and NYSRC processes.

Regarding AI 39-7, Mr. Corey stated that he had received a response from Mr. Ingleson and that Mr. Ingleson indicated that nothing in the revised NPCC protection documents required a NYSRC rule change. He noted that the PRR 55 (Modification of BPS Protection Maintenance Rule was still outstanding). This AI was closed.

Regarding AI 39-10, this AI will be maintained as ongoing. Mr. Eng indicated that NPCC had provided comments on the SAR for RS #4.

Regarding AI 41-1, Mr. Adams reported that draft language for D-M3 was being circulated within the NYISO and should be available at the next RRS meeting.

Regarding AI 41-2, Mr. Alvarez reported that he located a reference on test procedures and conditions in section 4 of the NYISO ICAP manual which can be used with the definition of "net dependable capacity". This AI was closed. He was requested to prepare a template and issue to RRS for review (**AI 44-1**). It was noted that definition changes are not required to go through the open process.

Regarding AI 42-3, Mr. Alvarez noted that he had supplied a matrix table which reviewed the changes to NPCC A-6. He also noted that documents C-9, C-12, RD04 and RD05 do not impact NYSRC rules or measurements. However, it is still unclear whether A-6 changes require a NYSRC rule change. Mr. Davis indicated that Mr. Calimano gave a presentation to SOAS in which he stated that the NYISO is presently operating under the current NYSRC reserve margin reliability rules. This AI was closed since the subject is covered under PRR 46.

AIs 42-5 and 42-8 were completed and closed.

Regarding AI 43-1, Mr. Corey reported that the sliding pressure issue was discussed at the last TFSS meeting. TFSS may study sliding pressure response by using the

underfrequency load shedding database and disabling a percentage of governors in the SENY area. Mr. Eng indicated that TFCP will give TFSS a formal charge to look at this. It was noted that the NPCC WG that looked at underfrequency load shedding found some NPCC Areas out of compliance. Mr. Eng indicated that he would be sending a letter to the RCC indicating that the relays should be reset to a quicker value. Mr. Clayton noted that different machines behave differently under sliding pressure operation. He indicated that for the long term response (not transient) with proper boiler controls the response can be as effective as governor response. He asked whether there is a need for a rule to test for governor response similar to the DMNC test. Mr. Corey stated that he was concerned about more drastic disturbances like islanding rather than normal day-to-day operations. This AI will remain as ongoing.

AIs 43-2,43-3,43-4,43-5,43-7 and 43-8 were completed.

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

RRS is awaiting completion of operations reactive study.

?RR 29 – Fault Duty Assessment - Planning

The template was posted for comments. Comments were due 1/31/03. Mr. Fleury reported that no comments were received. He will place this on the EC agenda for approval at its next meeting.

?RR 46 – Operating Reserves

Mr. Adams had already reported that wording for D-M3 was being circulated within the NYISO. Mr. Adamson reported that RCMS is considering three other measurements that pertain to monthly reporting and that Mr. Campoli would be making recommendations on all four. Mr. Adamson suggested splitting the PRR 46 into two templates, one for the rule changes and one for the four measurements. He indicated that RCMS would produce the measurements template. RRS agreed and will void PRR 46.

Mr. Alvarez noted that there seems to be a difference in the sustainability of reserve requirements of NPCC A-6 (at least one hour) as compared with the requirements in the NYISO ancillary services manual (at least half-hour). Mr. Waldele stated that one hour sustainability is covered in operations. Mr. Clayton indicated that this is a compliance issue. Mr. Alvarez will send an e-mail to Messrs. Adamson and Loehr regarding his concern about the discrepancy (**AI 44-2**).

RRS discussed the rules in PRR 46. Mr. Adamson noted that the most recent proposed changes to D-R4 and D-R5 (5/8/02 version of PRR #46) were based on a November 2001 version of NPCC A-6 and that A-6 was revised after that. Mr. Adams stated that the NYISO feels that the approved NPCC A-6 applies even though the NYISO has not changed the way it operates. He stated that the NYSRC rules should be updated to be consistent with A-6 and should not be more strict than A-6. He stated that A-6 is binding

if you look a rev. 0. of the rules. There was a discussion about changes to the wording for reserve requirements (the section on restoration of 10 minute reserves) from rev. 0 to rev. 1. Mr. Adams stated that this wording (section 4.1.3 of rev. 1) did not go through the open process from rev.0 to rev.1. Mr. Fleury stated that it was posted for comments and no comments were received. He cited the reference (RR00-01-discussed and approved after posting at EC meeting #16-minutes dated 9/18/2000). Mr. Adamson stated that RRS had agreed a year ago not to relax the requirement. Mr. Clayton stated that RRS would need to be convinced that relaxing the requirement (90-105min. vs. 30 min. restoration of 10 min. reserve) would not harm reliability. Mr. Davis said that he felt reliability would be impacted. Mr. Clayton stated that the NYISO should provide an assessment of what the impact on NY might be with respect to reliability. Mr. Adams noted a potential seams issue with respect to being able to share operating reserves across boundaries (NY, PJM, NE). Mr. Adams will review the NPCC minutes to find out the rationale for the changes to A-6 and include it in a new template (PRR 59) for operating reserves rule changes which he will prepare and issue to RRS (AI 44-3).

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

Mr. Fleury had sent RRS two e-mails with comments on PRR 50, one dated 1/27/03 and the other dated 1/30/03. RRS reviewed and discussed the comments. Mr. Fleury noted that one of his comments was to change the wording of C-R1 to read “and the NYISO shall forward this data, in a timely fashion, to the operating function of the TO...” Mr. Adams stated that the NYISO legal staff advised them to get permission from the GOs to provide the TOs with this data. He indicated that he would get further clarification on this from legal staff. Mr. Clayton requested that C-R1 be indicated in item 4. of the template. Mr. Waldele stated that the NYISO cannot require testing for units that are not being paid for ICAP or voltage support. Mr. Fleury will revise the template for PRR 50 in accordance with his comments and send a redline version to RRS for review (AI 44-4). Mr. Alvarez pointed out that the interm rule will expire 5/10/03, so there is a limited amount of time to get PRR 50 done. Mr. Clayton indicated that the expedited rule may need to be reposted for an extension if necessary.

?RR 52 - Generator Governor Response

Discussed under AI 43-1 above.

?RR 55 – Modification of BPS Protection Maintenance Rule H-R2

Mr. Adamson reported that NYISO staff is working on this with RCMS and will have something for the 3/6/03 RRS meeting.

?RR 56 – Modification of Exception No. 18

Mr. Alvarez reported that a problem was found in the template wording subsequent to SOAS approval. He will send out a revised template (AI 44-5).

?RR 57 – Fault Duty Assessment - Operating

Mr. Clayton reviewed the background for this potential rule and the NYISO concern that it cannot perform real time assessment. Mr. Eng indicated he felt that short-circuit monitoring could be done in real time. Mr. Clayton stated that he had sent a revised template to Mr. Waldele and Mr. Waldele had provided a response. These were passed

out at the meeting. Mr. Clayton stated that he had added a sentence to the introduction section to try to address Mr. Waldele's concerns. Mr. Waldele had a concern about the wording of the introduction since it applies to everything, including thermal, voltage, and stability. He also noted that NPCC had proposed fault current for the design part not the operating part of the rules. He asked why fault duty assessment is needed in the operating part of the rules. Mr. Clayton explained that there can be a situation in NYC where a series reactor is out of service and the number of generators on line can cause an operating problem. He referenced the Y-49 operating procedure. Mr. Waldele stated that the Y-49 operating procedure is not a local reliability rule. It was noted that there is an 80kA circuit breaker available from one manufacturer but there is not enough space in the the Sprainbrook station if all breakers were to be replaced with this type. Mr. Clayton also noted that RRS had provided comments to NPCC to add short circuit to the operating rules. Mr. Corey added that the NYISO has responsibility for reliability of the BPS, therefore it has to address the short circuit issue. Mr. Waldele stated that he would rather see a separate measurement for short circuit, and not combine it with thermal, voltage and stability assessments. He also indicated that there could be market concerns related to TO control of generator entrants via the short-circuit issue. Mr. Clayton responded that short-circuit is fundamentally a reliability issue.

Mr. Adamson questioned why the short-circuit operating rule (proposed E-R8) reads differently than the short-circuit planning rule (proposed B-R7). RRS agreed that E-R8 should be the same as B-R7 which reads as follows: "Fault duty levels shall be within appropriate equipment ratings". Mr. Waldele was asked to revise the PRR 57 template as per discussions and send out to RRS prior to the next meeting, including making abovementioned revision to the rule statement, removing the proposed addition to the introduction, removing references to short-circuit in E-M1 and E-M2 and adding a new E-M6 to deal with the short-circuit measurement separately (**AI 44-6**).

?RR 58 – System Data

The template was posted for comments. Comments were due 1/31/03. Mr. Fleury reported that no comments were received. He will place this on the EC agenda for approval at its next meeting. In C-M10, "by NYISO" should be changed to "by the NYISO".

Changes to Section B & C Rules Manual Introductions

Mr. Adamson reviewed proposed revisions to the introduction to sections B & C he had sent to RRS. RRS approved the proposed changes. Mr. Fleury stated that these changes need to go to the EC for approval. He will send to the EC.

MAAC Rules Review

Mr. Clayton noted that the URLs for the MAAC rules and the review of MAAC rules had been sent to RRS. He indicated that the MAAC rules are generic and they do not impact on the NY rules. RRS will continue to monitor the review work (**AI 44-7**).

BPS Facilities List

Mr. Clayton stated that he had forwarded to RRS documents from Mr. Cory Smith. These consisted of a list of web links to various rules documents and a presentation. Mr. Adamson stated that NYSRC compliance templates should be added to the list of links.

He also stated that development of a procedure should be part of the goals of the project. Mr. Corey stated that the procedure would be a higher level document and that the presentation shows the methodology for determining what facilities that should be on the list.

3.2 NPCC Rules Revisions Update

RRS reviewed and updated the “NPCC Criteria Revision Tracking Summary” prepared by Mr. Adamson. The column “Requires a rule change?” was updated as follows: no for C-30, C-22, B-7, B-1, B-11, A-5, C-9, C-12, RD-04, RD-05. Mr. Clayton indicated that he had more checking to do for A-3. Mr. Adamson noted that the table in A-3 calls for black start testing of generators every year but NYSRC rules call for testing every five years. Mr. Adamson reported that A-2 was reposted and asked whether RRS has additional comments. Mr. Adamson had a comment on section 5.0 which was provided in his e-mail of 1/24/03. Mr. Clayton indicated that he wanted to provide further comments on section 2.3. Mr. Adamson raised the issue of fault current assessment in the operating section. Mr. Eng suggested adding “multiple utilities on a ROW” as item j. under extreme contingencies. It was noted that comments are due to NPCC by March 10. RRS members were requested to send any comments on A-2 to Messrs. Adamson and Clayton (AI 44-8).

3.3 NERC SARs/Organization Standards

RRS reviewed the “NERC Organization Standard Tracking Summary” prepared by Mr. Adamson. Mr. Adamson reported that he had sent RRS the 2nd draft of the SAR for RS#8 for review. There were no comments on the SAR for RS#8.

4.0 Additional Agenda Items

4.1 Discussion of more detailed agenda

Mr. Clayton reported that a concern was raised at the last EC meeting about information being made available to the public. He noted that RRS does not distribute documents that are in draft form, but drafts can be viewed by anyone attending the meeting. This makes it more important to know what is on the agenda of the meeting. RRS agreed that it could accomplish adding more detail by posting the outstanding action item list and an outstanding PRR list along with the standard agenda. This will be done for the next meeting announcement.

5.0 Reports

5.1 Report on NYSRC EC Meeting #45

Mr. Fleury reported that the EC had adopted an 18% installed reserve margin requirement.

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

5.2 NYSRC ICS

Mr. Adamson reported that the ICS IRM requirement report base case requirement was 17.5% and the EC adopted 18%. He also reported that issues that came up in performing the IRM study will be discussed at the March EC meeting.

5.3 NYSRC RCMS

Mr. Adamson reported that a summary report of 2002 compliance reviews and a list of measures to be reviewed in 2003 will be going to the EC for review next week.

6.0 Next Meeting

NYISO offices at Washington Avenue Extension, Albany, NY on March 6, 2003 at 10:00 a.m.

The meeting was adjourned at 3:00 p.m.

Final Minutes of Meeting No. 44 submitted by Larry Hochberg on March 17, 2003.