

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

***Draft Minutes of Meeting #119
RRS Meeting @ NYSERDA Offices
17 Columbia Circle, Albany, NY
Thursday, April 30, 2009***

In Attendance:

Al Adamson	Consultant	Member
Larry Hochberg	NYPA	Member
Joseph Herbert	NYSDPS	Member
Roger Clayton	Chairman	Member
Roy Pflieger	National Grid	Member
Robert Ganley	LIPA	Member
Henry Wysocki	ConEd (Secretary)	Member
Anthony Elacqua	NYISO	Member

* Denotes part time attendance.

Agenda Items

1.0 Introduction

Meeting 119 was called to order by Mr. Clayton at 09:30.

1.1 Executive Session

No Executive Session was requested.

1.2 Requests for Additional Agenda Items

BES / BPS issues were assigned to item 4.1 on the agenda. A review of the New York State Reliability Rules Subcommittee roster was put on the agenda for item 4.2.

2.0 Meeting Minutes/Action Items

2.1 Approval of RRS Meeting #118 Minutes

The minutes of RRS Meeting #118 were approved with changes as final.

2.2 Action Items List

The following Action Items were reviewed:

AI 83-8 EC Review RFC and ISO-NE Criteria, Rules and Standards

The NE approach to defining the BES is gaining acceptance among New York State TOs.

AI 115-4 Request to modify C-M4, C-M5 and C-M6 as described in PRR 101

Changes have been approved by the RRS on 4/30/2009 and submitted to the EC for approval for posting.

AI 116-1 Inclusion of BPS testing in the study process of new facilities.

EC has approved recommendation. Mr. Roger Clayton is to discuss the process change with Mr. Corey (TPAS).

AI 117-7 Review New York Reliability Rules Exceptions 7, 10, 14, 17 and 19.

Mr. Elacqua discussed the exceptions with Mr. Ravalli, Director of Operations NYISO. Mr. Ravalli stated that the exceptions were originally approved by the OC as a means to get out bottled generation with the understanding that flows that reach or exceed STE can be reduced in a timely manner with appropriate actions, without risk of cascading. Mr. Clayton noted that Athens was required to install a special protection scheme (SPS) to mitigate overloads rather than an exception which requires operator action. Mr. Elacqua noted the risk associated with any exception is at the discretion of the asset owner.

The processes used to implement, review and rescind exceptions were discussed. There was a general agreement that there exists a clear process to request new and review existing exceptions but that perhaps the process to rescind existing exceptions was not as clear. Mr. Elacqua agreed, as an Action Item, to go through existing manuals and review the rescinding process (AI 119-1).

Mr. Hochberg reminded the committee that at Meeting #117 the RRS had agreed to a process suggested by John Adams for rescinding NYPA's exception #19. This is captured under Section 4.3 of the approved meeting minutes of Meeting #117.

AI 118-1 Provide white paper on load flow data checking procedures

Status changed to complete on 6/4/2009.

AI 118-2 Provide NPCC progress on the UFLS project.

Status changed to complete on 6/4/2009

AI 118-3 Review NPCC Directory #12 for potential rule changes.

Status changed to complete on 6/4/2009.

3.0 NYSRC Reliability Rules (RR) Development

3.1 List of Potential RR Changes

RRS reviewed the list of potential rule changes.

PRR 99 System Restoration

Mr. Wysocki brought up concerns that comments made by Mr. Mayer Sasson of Con Edison which were accepted by the EC were not included in the posted version of PRR 99. AI Adamson is to look through the posted version to verify that the comments have been incorporated (AI 119-2).

Mr. Wysocki also identified the possible need to require black start units to periodically test critical equipment required for start up such as station batteries. Mr. Clayton suggested that this be resolved by posting comments against the PRR.

PRR 101 Resource Data Availability

A final review with discussion was performed on PRR 101 by the RRS. Minor wording changes were made. The RRS unanimously voted to recommend to the EC to post PRR 101 for comments.

Mr. Adamson recognized that the NYISO was very helpful in the development of PRR 101.

PRR 102 K-M2d Reliability Assessment

Mr. Adamson stated that the PRR should be ready for presentation to the EC in June 2009.

3.2 NPCC Criteria

NPCC Update

Nothing new to report.

3.3 NERC Standards

NERC Standard Tracking

CIPs 002 to 009 balloting is complete with the revised standards being approved. Mr. Clayton presented some Congressional documents concerning cyber security of the U.S. Transmission System. These documents were in response to a letter identifying stations at risk for sabotage to Representative Edward J. Markey. Mr. Clayton stated that he believes contingency planning encompasses the potential loss of lines due to sabotage.

4.0 Additional Agenda Items

4.1 BES / BPS Impact on NYSRC RR

Mr. Elacqua informed the RRS that at the most recent NPCC Joint Chairs meeting there was a noticable lack of support for the DFAX method of defining the BES. He noted that while there was support from representatives from Con Edison and NYPA, National Grid expressed support for the bright line 100kV and above definition.

Mr. Elacqua then presented some of the findings of his study to determine the DFAX of 345kV, 230kV, 138kV and 115kV transmission lines. The study had found that 138 of the 115kV lines and 72 of the 138kV lines, a total of 210 lines, had a PTDF of >5%.

Mr. Clayton questioned Mr. Elacqua as to how many of the 210 lines were also on the NYISO Secured list. Mr. Elacqua stated that he would find out but believed most of the lines rated 138kV and above would be on the secured list.

A discussion followed between Mr. Clayton and Mr. Pfeleiderer. While Mr. Clayton noted that it may be prudent for the RRS to wait until the NPCC completed their evaluation of what constitutes BPS, Mr. Pfeleiderer suggested that at some point the RRS would be required to develop a list of facilities to which the NYSRC Rules will apply regardless of the results of the NPCC study. He therefore felt that the RRS should continue to move ahead with developing the attributes of these facilities

It was Mr. Pfeleiderer's opinion that the currently published ATR list encompasses the current definition of BPS and he suggested that a comparison be made of the ATR list to the NPCC A-10 and NYISO Secured lists. Mr. Elacqua agreed to take an action item to make this comparison (AI 119-3).

Mr. Clayton then added that criteria had to be defined for placing facilities on the NYISO Secured list. He believed that the TDF testing being done by the NYISO would be very helpful with a high DFAX being a desired attribute for being placed on this new facilities list.

As a final point, Mr. Clayton felt that the New York State Reliability Rules applied to the entire New York State Electric System while Mr. Pfeleiderer indicated his understanding was that the rules focus on the NYS Bulk Power system.

4.2 RRS Roster Review

Mr. Clayton directed everyone to review the RRS roster and to submit any corrections or additions to Carol Lynch.

5.0 Committee Reports

5.1 EC

None

5.2 ICS

None

5.2 RCMS

None

6.0 Next Meeting

Meeting #119 was adjourned at 12:10.

The next meeting (#120) is scheduled for Thursday, June 4, 2009 at 9:30 in the NYSERDA offices located at 15 Columbia Circle, Albany, NY.