

NYSRC Installed Capacity Subcommittee

Meeting #96

February 4th , 2009

9:30 a.m. – 5:00 p.m

Meeting Minutes

Attendees:

	Present	Tel
Members / Alternates:		
Mr. Curt Dahl (LIPA), Chairman	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Carlos Villalba (Con Edison), Secretary.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Timothy Bush (Generation Owners).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Bart Franey (National Grid).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Steve Jeremko (NYSEG-RGE)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Mark Younger (Slater Consulting - Generation Owners)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Rajee Mustafa (NYPA).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Rich Wright (CHG&E)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mrs. Patricia Caletka (NYSEG-RGE)	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Madison Milhous (National Grid).....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Kelvin Chu (Con Edison).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Mark Cordeiro (Municipal Power Agency).....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Han Huang (NYPA).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Glenn Haake (Dynegy, Inc. - Generation Owners)	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Harry Joscher (PSEG Power, LLC).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Advisers/Non-member Participants:		
Mr. Al Adamson (Consultant)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Frank Vitale (Consultant)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Tracy Landers (NYISO).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Greg Drake (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Frank Ciani (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Peter Carney (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Arthur Maniacci (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Ed Schrom (NYPSC).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Guests Present:		
Mr. Robert Boyle (NYPA)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. John Charlton (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Carl Patka (NYISO).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Frank Francis (BEMI).....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Clyde Custer (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Ms. Erin Hogan (NYSERDA).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. John Pade (NYISO-Consultant).....	<input type="checkbox"/>	<input type="checkbox"/>
Ms. Tracy Landers (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Steve Knach ()	<input type="checkbox"/>	<input checked="" type="checkbox"/>

1. Meeting Minutes

| The group review and commented the meeting #95 minutes. The minutes are not yet final.

2. Action Items

2.1. Closed

92-1 and 92-3 Mr. Curt Dahl sent to the group the spreadsheet with the calculations to the group. The members express some concerns about the quantity of points chosen for the regression. Action item 92-3 will be closed at this time and could be re-open at anytime if a member have and proposed a better methodology.

2.2. New

96-1 Perform the 2009 Upstate/Downstate study. This task is to be completed by John Pade.

2.3. Revised

| All items were revised and the following items were discussed in detail.

94-1 VFT model: Mr. Frank Ciani reported to the group the results of the VFT sensitivity analysis that was excluded from the IRM report due to technical restrictions in the number of nomograms that GE-MARS could use to model the new topology with the VFT. The topology used for the sensitivity was proposed by Mr. Carlos Villalba. The 300 MW VFT project was modeled at full capacity anticipating its in-service date before the end of 2009. In summary the preliminary results confirm that the VFT project adds very little reliability benefits to the NYCA system.

95-6 Scope of work for EFORd trends: The discussions took place during two sections of the meeting see numeral 4 for highlighted comments.

3. Lessons Learned by the NYISO.

| Mrs. Tracy Landers presented to the group the Lessons Learned during the 2009 IRM study. The members provided their comments and corrections. Mrs. Landers will send the corrected version to the members.

4. Forward Capacity Market IRM

The members discussed NYISO's doubt regarding whether or not the ICS should be calculating a forward capacity market IRM. The NYISO indicated that the NYISO has not yet determined the responsible entity to calculate this metric. Mr. Dahl clarified that this effort was directed by the Executive Committee, which asked this committee to perform such calculation.

5. RRS interpretation of Reliability Rule C-M5.

Mr. Al Adamson reported to the members that the RRS interpretation of the Reliability Rule C-M5 from the NYSRC Reliability Rules,

"Owners of resources located in or serving the NYCA shall provide to the NYISO accurate resource outage and load response data on a timely basis for their units in accordance with NYISO procedures, tariffs and schedules. (C-R2)"

as that the accurate reporting of the outages is definitely required and that the NYISO needs to re-establish the actual forced outage rate. Mr. Carl Patka clarified that a violation only occurs when faulty data is not corrected when more updated data is available.

Mr. Adamson continued saying that apparently and according to the rule the forced outage data should be error free prior to be use for the IRM studies and that due diligence should be exercise if the data is available. Mr. Adamson suggested that the ICS should have some involvement in the error correction of forced outage data.

Mr. John Charlton indicated that the NYISO is reviewing the NYISO manuals and [adding/changing additional] rules to enhance the forced outage reporting procedures. In addition, Mr. Charlton said that the NYISO is organizing a workshop to assure that the generators know how and when to report their outages or inability to deliver their energy to the grid.

John said that they are looking at the manuals and how the rules will change and that the NYISO is setting up a workshop in how to report GADS data.

Al is suggesting that the ICS be involve in the error determination.

As a reference here is included the C-M6 rule,

The NYISO shall annually prepare, from outage and *load* response data received under C-M5, a document depicting outage and *load* response data applicable to *reliability* analysis, recognizing applicable confidentiality requirements. The report shall include statewide *resource* class statistics, averaged for an appropriate historical period. (C-R2)

6. EFORD for Scope of Work

During the first discussion, Mr. Charlton suggested to change the name of the forced outage metric input used for the GE-MARS program for one that better fit this database. Mr. Charlton believes that calling this input EFORDs generate a

level of confusion since the calculations used do not follow the NERC definition of EFORD.

After Mr. Frank Vitale introduced the scope of work draft, the members discussed various methodologies in an attempt to narrow the scope and understand the extent of it. Various members pointed to the previous report furnished by the NYISO; however, not all the members had this report available, therefore the discussions were postpone for next meeting.

7. Next Meetings

Meeting #97: March 4th, 2009, 9:30am – 4:00pm.

April 8, 2009 -- Meeting #98

April 29, 2009 -- Meeting #99

June 2, 2009 -- Meeting #100

Secretary: Carlos Villalba
