

NYSRC Installed Capacity Subcommittee

Meeting #31

August 4, 2003

9:30 a.m. – 3:00 p.m.

NYISO: Wash Ave Ext. Conference Room WD

Meeting Minutes

Attendees

Members/Alternates Present:

Mr. Curt Dahl (KeySpan/LIPA) – Chairman
Mr. Kevin Donnelly (Con Ed) – Secretary
Mr. Joe Fleury (NYSEG)-Telephone
Mr. Bart Franey (NGRID)
Mr. Michael Hogan (CHGE)
Mr. Peter Chamberlain (Wholesale Sector)-Telephone

Advisers/Non-member Participants Present:

Mr. Alan Adamson (Consultant)
Mr. Greg Drake (NYISO)
Mr. Frank Vitale (Consultant)
Mr. John Adams (NYISO)

Other interested Parties:

Mr. Glenn Haranga (GE) – Telephone (Afternoon)
Mr. John Pade (NYISO) – For Load Discussion
Mr. William Lamana – Topology Discussion
Mr. John Charlton (NYISO) – Updates
Mr. John Beck (CON EDISON)

Members/Non-members/Advisers Absent:

Mr. Steve Keller (NYPSC)
Mr. Ed Schrom (NYPSC)
Mr. Steven Jeremko (NYSEG)
Mr. Mark Cordeiro (Municipals)
Mr. Carl Courant (NYPA)

1. Meeting Minutes Review

1.1. Finalized Meeting Minutes from Meeting #30 on 7/8/03.

2. Reviewed previous Outstanding Assignments

3. Pre- 2004-05 IRM Study Modeling Issues

3.1. Load Data Requirements

Con Edison load uncertainty model was finalized with the NYISO, Action item 26-7 is closed. 2002 Load Shape was adjusted for Demand Side Management Programs, and tested with peaks aligned with the neighboring zones. Action Item 30-1 is complete for the NYISO. The test run showed a drop in IRM as expected, the NYISO will check and ensure the Load Shape adjustment was performed correctly. 2002 Load shape also provides a better representation of the load growth in South Eastern New York State. Action Item 31-1 was initiated for the NYISO to run the adjusted 2002 Load shape with NYCA isolated. NYISO will also sum imports into NYCA to check amount of emergency assistance being provided.

3.2. EOPs

- SCRs/EDRP

SCR's levels will be increased to show greater participation in the program this year. Amount of discount applied to SCR's is being reviewed by the NYISO, action item 31-2 was initiated to track recommendation.

- EOP Order

LIPA recommended changing order of EOP's, primarily moving Emergency Purchases to a lower step in the program to better reflect the NYISO procedures. Action item 31-3 was initiated to track EOP order changes.

- Effect of updating Operating Reserves Location

GE looking into why there was a small change, action item 28-6 remains open.

3.3. Generator Unit Modeling

A list of the units that do have 10 years of GADs was provided by the NYISO. The NYISO is reviewing the data they have on these units. For units that have reported enough reliable data, the NYISO will generate transition rates for based on the number of years they have (primarily 3.5 years). For units that do not have enough reliable data, the NYISO will create two state transition models using NERC average data. Action Item 29-5 is open, for the NYISO to provide the list of units with < 10 years worth of EFORd data and whether they are being modeled as 2 state models or have enough data. Action Item 29-6 was updated to require testing the model using transition rates the NYISO generates.

The Splinter Group will look to determine what transition rates are in the current model for these units. LM-6000 GTs use a class average that is determined from actual operating data on the units.

Action Item 29-4 is closed, the NYISO provided EFOR'd trends in PJM and NERC availability data.

3.4. Transmission System Model

3.4.1. Phase 1 New Topology: Completed

3.4.2. Phase 2 Interface Ratings : Action Item 26-2 is closed. Bill Lamana reported all interface ratings were checked.

- UPNY-SENY Interface ratings; Imports into Zone G from Zones F and E were validated by NYISO, the transfer levels can be reached. Also validated imports from New England into Zone G. Higher Import capability into Zone G from PJM

- was also validated by NYISO showing ability to import on all ties in an emergency. Interface groupings will limit total flow on this interface.
- Other Interface ratings were checked
Action Item 28-5 is closed PV-20 does not effect rest of NE interfaces.
 - Dynamic Interface model
2004 IRM will use dynamic interface ratings on UPNY-SENY only based on operating state of Athens. Use of dynamic interface model for zone J from PJM will not be used this year, but will be reviewed in 2004 for the 2005 IRM.
 - RECO Load will be modeled as a derate to transmission system from PJM to Zone G.

3.4.3. Test and Evaluation

Item 27-3 is closed, new topology was tested.

- 3.5. Temperature Derate for Gas Turbines**
The new derate model allows a specific capacity as a function of load to be modeled, which will be used to apply the temperature derate to Gas Turbines. Action item 30-2 is open to test this new derate.
- 3.6. List of New Generators**
Each Member was asked to provide new units expected in service for 2004, including there summer and winter ratings to be added in for 2004 IRM study. Keyspan Ravenswood, 2 projects in Freeport, and Flat Rock Wind Power were announced.
- 3.7. GADS review delayed until 2004**
GADS Reporting data will be reviewed in 2004 for the 2005 IRM, action items 28-2 and 28-3 will remain open to track. Possibility of using 5 Year Forced Outage Rates under Demand (EFORd) rather than 10 Year EFORd will be reviewed next year with the GADs review.
- 4. Policy 5 Procedure for establishing NYCA Installed Capacity Requirements**
Final version sent to EC.
- 5. Committee Reports**
- 5.1. Resource Adequacy Model (RAM) Group Meeting**
Official website is PJM for information
- 5.2. NYISO ICAP Working Group Report**
Brief update by John Charlton, NYISO.
- 6. Other Business**
RRS subcommittee is discussing using curtailable load to count as reserves.
- 7. Review Action Items**
See attached action item list.
- 8. Next Meeting**
September 3, 2003 Meeting #32 9:30 am – 3:30 pm
Secretary: Kevin Donnelly