

NYSRC Installed Capacity Subcommittee

Meeting #104

September 30, 2009

9:30 a.m. – 2:30 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. Kelvin Chu (Con Edison)..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Ms. Hilary Goldman (Con Edison)..... | <input type="checkbox"/> | <input type="checkbox"/> |
| Mr. Madison Milhous (National Grid)..... | <input type="checkbox"/> | <input type="checkbox"/> |
| Mr. Bart Franey (National Grid)..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Mr. Steve Jeremko (NYSEG-RGE) | <input type="checkbox"/> | <input type="checkbox"/> |
| Mrs. Patricia Caletka (NYSEG-RGE)..... | <input type="checkbox"/> | <input type="checkbox"/> |
| Mr. Edward Gilroy (NYSEG-RGE)..... | <input type="checkbox"/> | <input type="checkbox"/> |
| Mr. Rajee Mustafa (NYPA)..... | <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 type="checkbox"/> |
| Mr. Chris Wentlent (AES-NY)..... | <input type="checkbox"/> | <input type="checkbox"/> |
| Mr. Mark Younger (Slater Consulting - Generation Owners) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Mr. Mark Cordeiro (Municipal Power Agency)..... | <input type="checkbox"/> | <input type="checkbox"/> |
| Mr. Richard J. Bolbrock (MEUA/NYMPA) | <input type="checkbox"/> | <input type="checkbox"/> |
| Mr. Rich Wright (CHG&E) Anne Klaiss filling in..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Advisers/Non-member Participants: | | |
| Mr. John Adams (NYISO)..... | <input type="checkbox"/> | <input type="checkbox"/> |
| Mr. Peter Carney (NYISO) | <input type="checkbox"/> | <input type="checkbox"/> |
| Mr. Frank Ciani (NYISO)..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Mr. Clyde Custer (NYISO)..... | <input type="checkbox"/> | <input type="checkbox"/> |
| Mr. Greg Drake (NYISO)..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Mr. Bill Lamanna (NYISO)..... | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | |
|---|-------------------------------------|-------|-------------------------------------|
| Tracy Landers (NYISO)..... | <input type="checkbox"/> | | <input type="checkbox"/> |
| Mariann Wilczek (NYISO) | <input type="checkbox"/> | | <input checked="" type="checkbox"/> |
| Ms. Erin Hogan (NYSERDA)..... | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| Mr. Ed Schrom (NYPSC)..... | <input type="checkbox"/> | | <input type="checkbox"/> |
| Mr. Glenn Haringa (GE Energy) | <input type="checkbox"/> | | <input type="checkbox"/> |
| Mr. Gary Jordan (GE Energy)..... | <input type="checkbox"/> | | <input type="checkbox"/> |
| Mr. Al Adamson (Consultant) | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| Mr. Frank Vitale (Consultant) | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| Mr. John Pade (Consultant) | <input type="checkbox"/> | | <input type="checkbox"/> |
| Mr. Arthur Maniaci (NYISO)..... | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| Yannick Vennes (HQ)..... | <input type="checkbox"/> | | <input checked="" type="checkbox"/> |
| Scott Leuthauser (Consultant for H.Q. Services) | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| Khatune Zanna (LIPA)..... | <input type="checkbox"/> | | <input type="checkbox"/> |

Guests Present:

| | | | |
|---|-------------------------------------|-------|-------------------------------------|
| Mr. Robert Boyle (NYPA) | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| Mr. Frank Francis (BEMI) | <input type="checkbox"/> | | <input type="checkbox"/> |
| Mr. Sam Krueger (Dynergy, Inc.)..... | <input type="checkbox"/> | | <input type="checkbox"/> |
| Mr. Alan Ackerman (Customized Energy Solutions) | <input type="checkbox"/> | | <input checked="" type="checkbox"/> |
| Mr. Paul Gioia (NYSRC) | <input type="checkbox"/> | | <input type="checkbox"/> |
| Mr. Chris De Graffenried (NYPA) | <input type="checkbox"/> | | <input type="checkbox"/> |
| Dr. Roy Shanker | <input type="checkbox"/> | | <input checked="" type="checkbox"/> |
| Liam Baker (US Power Gen)..... | <input type="checkbox"/> | | <input type="checkbox"/> |
| Wess Yeomans (NYISO)..... | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |

1. Review of Meeting Minutes

- Minutes from meeting 103 circulated for review.

2. Action Items

Closed

New

Revised

1. NYISO operations curtailment of energy and capacity procedures.

- 1.1. ICS continued to discuss the HydroQuebec position regarding modeling the HQ interface for the 2010-2011 IRM study. HydroQuebec believes the interface between HQ and NYCA (HQ to D) should not modeled as to provide tie benefits to NYCA for reliability needs.
- 1.2. HydroQuebec supported its position by stating that HQ wheels non-curtailable energy from Chateaugay to New England (through NYCA ties) and that NYCA would not benefit from the HQ to D tie during reliability needs. Additionally, they stated that since they pay TSC and transmission congestion costs, the NYISO can not curtail this energy wheel through for NYCA's benefit.
- 1.3. The NYISO's operational staff went through a presentation of how it would handle energy and capacity transactions into and out of NYCA during various New York resource deficiency scenarios. The operations group presented the fact that this wheel through energy transaction will not be curtailed unless there is a transmission issue or event (other than congestion) that risks the reliability of the tie and the NYCA.
- 1.4. The ICS chairmain will draft a letter outlining the issues surrounding the modeling and resource treatment of this tie to the NYISO ICAP working group to be placed on the Oct 8th meeting agenda.
- 1.5. In order to maintain the schedule to publish the 2010-2011 IRM study, the committee agreed to add this issue to the basecase sensitivity studies in order to look at the effect of not modeling the HQ interface to NYCA as a source of emergency assistance.

2. Review or discard FCM IRM Study report

- 2.1. NYISO is still reviewing with GE the problems involving not reaching convergence.

3. Preliminary 2010 IRM Study Results

- 3.1. For the 2010-2011 IRM study, the committee continues to review and approve assumptions and data input used for the final MARS basecase.
- 3.2. Preliminary Tan 45 analysis was addressed but was not finalized. However, preliminary results are showing that there will be an increase in the state wide Installed Reserve Margin and Location Capacity Requirements.

- 3.3. Preliminary results indicate that the increase in the IRM and LCR would be attributed to the changes in the EFORd (generator forced outage rates on demand), wind modeling assumptions, and SCR assumptions.
- 3.4. There was discussion over how to handle bottled generation within zone J when calculating the minimum locational capacity requirement.
- 3.5. The committee began building the sensitivity cases to be run for this year's IRM report.

4. Other

- 4.1. 2009 IRM MARS database for LIPA and Con Edison based on "Information use Agreement" to perform selected incremental assumptions changes.
 - 4.1.1. Full disclosure is still awaiting more masking of confidential data by NYISO and GE.

5. Next Meetings:

- November 4, 2009 – Meeting#105
- November 30, 2009 – Meeting#106

Meeting #104 – Minutes from September 30th, 2009, 9:30am – 2:30pm.

Secretaries: Carlos Villalba

(Con Edison)
