

NYSRC Installed Capacity Subcommittee

Meeting #106

November 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 type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Kelvin Chu (Con Edison).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ms. Hilary Goldman (Con Edison).....	<input type="checkbox"/>	<input checked="" 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)	<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 Zannat (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"/>
Wes Yeomans (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

1. Changes to 2010 schedule for ICS meetings

- Went over 2010 schedule to discuss meeting conflicts. Meeting schedule revised such that ICS meetings will be held on Tuesday during BIC conflicts.
- January 6th – move to January 5th – conference call
- Al Adamson to send out revised schedule.

2. Action Items

Closed

105-2. Table 1 Calculations sent and reviewed by ICS.

101-7. Closed – same request as 105-4.

Revised

98-4. Carlos requested to see the loop flow analysis output files from the NYISO. Greg to send out before the next EC meeting. Action Item 98-5 merged with this action item.

99-2. Greg to send out formal documentation by Tuesday Dec 1st on this action item.

101-2. Due date assigned for next year. January 5th, 2010.

101-7. NYISO and GE to analyze flows for new transmission – 300 MW VFT and higher flow over ABC lines. ICS requested that GE and NYISO review flows to check for accuracy. Due date changed to 1/5/10.

102-4. NYISO confirmed that NYISO modeled 641 MW contracts from New York to New England as 50% capacity from F to NE and 50% from G to NE. NYISO to document methodology for modeling renewables from NYCA to New England include in 2010-2011 IRM report (since it's a new addition to IRM study).

102-5. Action item revised and set for discussion at January 6, 2010 meeting. The action item was generalized such that the ICS will discuss and determine a methodology for determining a specific zone's reliability requirements if there is bottled generation present.

103-1. Action item revised – Greg Drake spoke with legal and the next step is to talk with GE and find how long it will take them to mask confidential data.

1. Review of IRM report

- 1.1. Went through IRM report and Greg Drake made changes that ICS collaboratively suggested and agreed upon.
- 1.2. Mark Younger requested that the report include the MW for each area for wind units (NYC, LI, and zones upstate respectively).
- 1.3. Need to run 21% IRM case – Yuri to run after meeting and add results to the table for final report.
- 1.4. Request to add to report the results of the LOLE's for sensitivity that tests the impact from adding/subtracting 10% of control area capacity.
- 1.5. Discussion about sensitivity A6, which models actual capacity sales contracts instead of equivalent sales. The NYISO re-ran this sensitivity to model where the resources for the contracts were coming from – they modeled the resources for the sale coming from F and G. They did not model the affect on the internal ties (i.e. didn't model the fact that the generators feeding these

sales are anywhere other than right next store to where the contract is being delivered). This changed the IRM from 17.9% to 18% the LCR for NYC changed from 79.6% to 79.67 % and the LCR for K to 104.9% to 105%. Mark Younger brought up that modeling it this way could be the wrong assumption to make. Mark brought up the fact that the intent of the sensitivity was to model the impact of sales/contract to NE from NYCA generators coming from various zones within NYCA. Mark suggested that we should not model two contracts, one from F to NE and one from G to NE totaling 933 MW, because the capacity isn't generated in F and G respectively. Mark suggests putting generation back into respective zones and just modeling a sale out of New York from F and G to NE. Then adjust NE capacity level to represent that the 933MW is coming from NYCA (thus take out 933 MW of capacity from NE).

- 1.6. About 300 MW of these 933 MW external sales are from NYPA sales – Mark Younger suggested that we should be showing in our base case that St. Lawrence and Niagara are de-rated below their UCAP value. Mark questioned why the capacity removed for sales is being taken out of the entire zone and not the exact unit. Mark Younger suggested that it be noted in the final report that there is an inconsistency in modeling contracts and sales to external regions because the typical methodology is to remove capacity from the actual unit supplying the sale, not the entire zone.
- 1.7. The capacity transactions are in ICAP not UCAP.
- 1.8. The ICS recommends that this correction be made and added to the report as a sensitivity run to see the affect on the IRM/LCR due to this inconsistency in modeling contracts. In summary, the generation that was added to F and G as the resources to be sent to NE will be removed. The units that supply the NE contracts will be added back to various regions (where they actually are located). Then sales from F and G will be modeled and 933 MW will be removed from NE to simulate the sale.
- 1.9. Request to re-evaluate G3 sensitivity that models the lost of Indian Point. The areas that need to increase generation would be A, C, and D. ICS committee members question why we are adding capacity to all zones – NYISO to re-evaluate.

2. MARS Database “Information Use Agreement”

- 2.1. Carlos Villalba asked the NYISO when the NYISO was going to submit the database from the 2009 IRM to Con Edison and LIPA according to the

agreement. Greg Drake responded that there were still some legal issues with the neighboring pools database and the data masking from GE. Greg to follow up with GE.

3. Next Meetings

- 3.1. Next meeting will be January 5, 2010 – Meeting 107 (NOTE: This was rescheduled due to a conflict – previously January 6th).
- 3.2. Meeting 108 - February 2nd
- 3.3. Meeting 109 – Wednesday March 31st
- 3.4. Meeting 110 – March 31st

Meeting #107 – Minutes from November 30th, 2009, 9:30am – 2:30pm.

Secretaries: Carlos Villalba and Hilary J. Goldman

(Con Edison)
