

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

99-2. ~~Mr. Greg Drake~~ 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. ~~Reviewed Went through~~ IRM draft report ~~with and~~ Greg Drake making 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 Upstate zones ~~upstate~~ respectively).
- 1.3. As requested, Yuri Fishman agreed to ~~Need to run~~ the 21% IRM case. ~~—Yuri Fishman to run after meeting and add results to the table for final report.~~
- 1.4. It was requested to add the ~~Request to add to report the~~ results of ~~the LOLE's~~ for sensitivity case that added / subtracted ~~tests the impact from~~ adding/subtracting 10% of control area capacity.

1.5. ~~ICS discussed Discussion about S~~sensitivity ~~Case~~ 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. ~~The affect on~~ ~~They did not model the affect on the~~ internal ties ~~was not modeled. (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 ~~sensitivity increased~~ ~~changed~~ the IRM from 17.9% to 18% ~~with~~ the LCR for NYC ~~changing ed~~ from 79.6% to 79.67 % and the LCR for K ~~from to~~ 104.9% to 105%.

Mark Younger ~~suggested brought up that modeling it this way could be the wrong assumption to make.~~ ~~Mark Younger brought up the fact that the intent of the sensitivity this case~~ was to model the impact of sales/contract to NE from NYCA generators coming from various zones within NYCA. ~~Instead of modeling~~ ~~Mark Younger 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~~ ~~Mr. Younger suggested suggests~~ putting generation back into respective zones and ~~simply model just modeling one a~~ sale out of New York from F and G to NE. Then, ~~the~~ adjust NE capacity level ~~would be adjusted~~ to represent ~~that~~ the 933 MW ~~is~~ coming from NYCA (thus ~~taking take out~~ 933 MW of capacity ~~out of from~~ NE). ~~Mark Younger and Greg Drake agreed are going to meet to develop a methodology that is consistent with the way contracts are modeled and appropriately models the sales from NYCA generators to New England's Fforward Ccapacity Mmarket.~~

1.6. About 300 MW of these 933 MW external sales are from NYPA sales – ~~Mr. Mark Younger recommended suggested that we should be~~ showing in our ~~base case that~~ St. Lawrence and Niagara ~~both are~~ de-rated below their UCAP value. ~~He questioned Mark Younger questioned~~ why the capacity removed for sales ~~was is~~ being taken out of the entire zone and ~~not not the exact unit~~ ~~directly from the generator.~~ — ~~Mark Younger asked that this be noted suggested that it be noted~~ in the final report ~~as an that there this is an~~

inconsistency in modeling contracts and sales to external regions. Typically, the ~~because the typical~~ methodology is to remove capacity from the actual unit supplying the sale, not the entire zone.

1.7. It was noted for clarification that ~~The~~ capacity transactions are in ICAP not UCAP.

1.8. The ICS recommends that a sensitivity run be conducted ~~this correction be made and added to the report as a sensitivity run~~ to see the affect that modeling the 933 MW of NYCA sales to NE has on the IRM/LCR by simply adding the capacity of the generators supplying the contract to F and G ~~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 contracted to be sent to NE will be removed ~~from F and G and put back into their respective zones.~~ The sensitivity will then model just a sale from F and G to NE ~~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 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. Therefore, generation would ~~The areas that~~ need to increase ~~generation would in zones~~ be A, C, and D. ICS participants committee members questioned this practice and the question why we are adding capacity to all zones — NYISO agreed to further ~~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; he therefore agreed to ~~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)
