

NYSRC Installed Capacity Subcommittee

Meeting #121

March 2th, 2011

9:30 a.m. – 1:30 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"/>
Mr. Gregory Chu (Con Edison)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Madison Milhous (National Grid).....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Syed Ahmed – (National Grid)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Steve Jeremko (NYSEG-RGE)	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>
Mr. Han Huang (NYPA)	<input type="checkbox"/>	<input 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. Robert Boyle (NYPA).....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Rich Wright (CHG&E).....	<input type="checkbox"/>	<input type="checkbox"/>
Ms. Erin Plasse – filling in for Rich Wright (CHG&E).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Advisers/Non-member Participants:		
Mr. John Adams (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Peter Carney (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Frank Ciani (NYISO).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Mr. Dave Lawrence (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"/>
Mrs. Kathy Whitaker (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Ms. Mariann Wilczek (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Ms. Erin Hogan (NYSERDA)	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Ed Schrom (NYPSC)	<input checked="" 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. Arthur Maniacci (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Yannick Vennes (HQ).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Scott Leuthauser (Consultant for H.Q. Services)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Howard Tarler (NYISO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Guests Present:

Mr. Jim D'andrea (Transcanada)	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Bradley Kranz (NRG Energy, Inc.).....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Alan Ackerman (Customized Energy Solutions).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Paul Gioia (NYSRC)	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Chris De Graffenried (Con Edison)	<input type="checkbox"/>	<input type="checkbox"/>
Dr. Roy Shanker	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Phil Phedora (NPCC)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Wes Yeomans (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Ms. Kathune Zannat (LIPA)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Arvind Jaggi (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Frank Francis (Brookfield).....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Yuri Fishman (LIPA)	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Mayer Sasson (ConEd)	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Tom Patrit (EPS)	<input type="checkbox"/>	<input type="checkbox"/>
Mrs. Pamela Quinlan (Con Edison)	<input type="checkbox"/>	<input type="checkbox"/>

1. Assumption Matrix for IRM Requirement Study 2012-2013

ICS members reviewed the Assumption Matrix table for each listed parameters and solicited comments. The impact column was filled in with high/med/low(+/-) or a question mark as each parameters were reviewed. ICS suggested that Mr. Arthur Maniacci from NYISO provide insight into energy efficiency discounts for the peak load parameter. Wind generation profile uses the 2002 wind shape, which is considered conservative. ICS requests NYISO to provide a presentation that discusses the use of a composite (multi-year) wind shape. [\(AI 120-3\)](#)

Mr. Syed Ahmed questioned the difference between “Wind Resource Production Modeling” and “Wind Generation Profile”. Wind Resource Modeling deals with the amount of wind generation available, while Wind Generation Profile deals with the wind shape instead. Mr. Frank Vitale asked how the hourly data from 10 actual sites collected during summer peak hours would be utilized and Mr. Greg Drake commented that there may be several ways to do so. One method is to average the data, while the other uses a probabilistic method on the actual data.

ICS commented on the Transition Rate Development document provided by Con Edison. Derate state does not need to be separated into needed/not needed, as Mr. Kelvin Chu explained, since derate states are considered “needed” by default. Mr. Chu further suggested that NYISO can review this method and see what data we have currently available and determine what additional data may be necessary to implement this particular method for calculating transition rates.

Mr. Curt Dahl recommended the following course of action:

1. ICS members to thoroughly review the document
2. GE to comment on both Con Edison methodology and NYISO study
3. ICS to determine which methodology (ConEd transition rates or NYISO true-up), if any, should be implemented
4. How to implement the methodology (and coding for the ConEd methodology)

Mr. Dahl further recommends that a separate meeting (technical workshop) to be held for a detail discussion of this particular topic.

Mr. Greg Drake tabulated the result of the differences between summer and winter EFORd (AI 113-3). 319 units' summer/winter/total EFORd values for 5 year periods (May through April from years 2005 to 2010) were tabulated. These values are MW weighted.

ICS requests Mr. Peter Carney to attend the following ICS meeting to provide insights on environmental regulation impacts with respect to National Ambient Air Quality Standards (NAAQS) and their effects on diesel generators. (AI 121-2)

ICS is interested in the calculation of SCR growth rate. Previously the growth rate was a 3 year average of UCAP calculation that was deemed too high. New method of ICAP growth rate calculation is needed from NYISO by May's ICS meeting using ICAP registration data.

ICS requests that Mr. Wes Yeomens to attend the following ICS meeting to discuss the SCR study done by NYISO. (AI 121-1)

Capacity Through Sales parameter should only consider grandfathered transactions, which are long term firm sales of 303 MW.

ICS requests ICAP working group for clarification of capacity wheel through.

For Interface Limits parameter, ICS was presented with the findings of MARS runs of Neptune Line with back feed into PJM with either 0MW or 660MW as a limit. There was no change in LOLE in either case. ICS recommends that all interface limit changes be reviewed and accepted by TPAS when applicable.

2. Policy 5 revisions

ICS will revise Policy 5 document to include the following:

- New milestone actions
- An Assumption Matrix will be prepared as a part of the IRM process.
- Explanation of preliminary versus final base case (used for sensitivity)

- New 3.5 subsection about model development (standard/non-standard changes)
- Section 3.5.4 to define TPAS's role
- New 3.8 section to define quality assurance responsibility of NYISO, GE, and TOs

Mr. Frank Cianci mentioned that the proportional methodology did not work with the tangent 45 method last year. He presented the IRM/LCR results on 2 charts (NYC and LI) and pointed out that the blue line for LI chart did not exhibit curvature after proportional methodology was applied. ICS agrees that proportional methodology cannot be used. ICS members will review the new UCAP shifting methodology documentation and comment during the next meeting.

3. IRM MARS database for LIPA and Con Edison

NYISO is still working with GE to mask confidential data. Transition rates, contracts, and maintenance data were removed. Non-thermal units (i.e. Solar) should be made confidential. The flows may affect UDRs and thus should be masked as well. NYISO/GE is also considering masking the above data for external areas. Finally, masking confidential output data will be ensured aside from masking the above mentioned input data. The masked database is expected to be available by June 1.

4. Lower Hudson Valley Zone

ICS is requesting Mr. Dave Lawrence of NYISO to attend and provide insight on computing the tangent 45 method for consideration of the new capacity zone. (AI 121-3)

5. Action Items

Closed

107-5: ICS to review proportional methodology for removing generation from zones with excess bottled capacity when calculating a zone's reliability requirements and minimum locational requirement. Committee to meet to discuss comments to determine appropriate methodology to calculate the minimum locational requirement considering zones with excess/bottled generation. NYISO

to send OT09 files from proportional methodology curve points 20%, 21%, 21.5%, and 23% of target reserve margins. The NYISO will develop a test plan.

113-3: Calculate winter and summer EFORD to evaluate differences

116-2: Send around meeting minutes 115 for the group to review NYISO comments.

120-2: Mark Younger to draft a request letter to NYISO to ensure all SCR data are recorded for analysis for all events

Revised

120-1: Con Edison will provide **UCAP Shifting** methodology document for the hyperlink in Policy 5-4

120-3: NYISO to provide a **presentation** on composite shape methodology for wind resources

120-4: Syed Ahmed to find the completion time for the Nine Mile upgrade project (date revised to **4/1/2011**)

New

121-1: NYISO to provide SCR grow rate calculation results using ICAP for previous years.

121-2: Peter Carney to appear at the next ICS meeting to discuss environmental regulation impacts (including NAAQS).

121-3: Dave Lawrence to appear at the next ICS meeting to provide insight on tangent 45 method for the Lower Hudson Valley new capacity zone.

Secretary: Carlos Villalba

(Con Edison)

Next meetings:

Meeting 122, Tuesday, March 29th at NYISO HQ

Meeting 123, Wednesday, May 4th at NYSERDA 15 Columbus Circle

Meeting 124, Tuesday, May 31st at NYSERDA 15 Columbus Circle

Meeting 125, Wednesday, June 29th at NYSERDA 17 Columbus Circle

Meeting 126, Wednesday, Aug 3rd at NYSERDA 17 Columbus Circle

Meeting 127, Tuesday, August 30th at NYSERDA 15 Columbus Circle

Meeting 128, Wednesday, October 5th at NYSERDA 17 Columbus Circle

Meeting 129, Wednesday, November 2nd at NYSERDA 17 Columbus Circle

Meeting 130, Monday, November 28th at NYSERDA 17 Columbus Circle