

NYSRC Installed Capacity Subcommittee

Meeting #120

February 2th, 2011

9:30 a.m. – 1:30 p.m.

Meeting Minutes

Attendees

	Present	Tel
Members / Alternates:		
Mr. Curt Dahl (LIPA), Chairman	<input type="checkbox"/>	<input checked="" 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"/>
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 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 type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>
Ms. Erin Plasse – filling in for Rich Wright (CHG&E).....	<input type="checkbox"/>	<input type="checkbox"/>
Advisers/Non-member Participants:		
Mr. John Adams (NYISO)	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>
Mr. Greg Drake (NYISO).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Bill Lamanna (NYISO)	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Frank Vitale (Consultant)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Arthur Maniacci (NYISO)	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Yannick Vennes (HQ).....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Scott Leuthauser (Consultant for H.Q. Services)	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input 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 type="checkbox"/>
Mr. Phil Phedora (NPCC)	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Wes Yeomans (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Ms. Kathune Zannat (LIPA)	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>
Mrs. Pamela Quinlan (Con Edison)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The ICS meeting started with a request from Mr. Al Adamson for the missing document named "Methodology to Shift Resources from and to Capacity Rich Zones for IRM/LCR

Determination Using the GE MARS Program” on page 18 of Policy 5-4. Con Edison will provide the document.

1. Assumption Matrix for IRM Requirement Study 2012-2013

ICS members reviewed the Assumption Matrix table for each listed parameters and solicited comments. Mr. Dahl asked for an additional column of the “possible impact on IRM” for each of the parameter, where low/medium/high can be assigned to the parameters. This column is in addition to the “Std Model change?” which identifies the non-standard assumptions that will require additional studies. Mr. Steve Jeremko requested a parametric version of the possible impact but the low/medium/high is more suitable for the Executive Committee review and approval.

Mr. Villalba inquired about NYISO’s actual multi-year wind shape data for the creation of a probabilistic wind shape. Mr. John Adams commented that there may only be approximately two years of real data available (2009-2010).

ICS requests that NYISO report back at the next ICS meeting to discuss their available resources that can make the comparison between actual shape data and simulated shape data. In particular, the comparison can help address concerns raised about the effects of outages and curtailments on the simulated wind shape. NYISO is expected to supply a white paper on composite shape methodology by April.

Each Transmission Owner is expected to supply ICS with their list of proposed new units in two weeks.

Mr. Dahl mentioned 52 MW (35+17) worth of solar project will be from LIPA. He will double check to ensure the right amount of solar capacity will be included in the modeling assumption.

The white paper on EFORD true-up will be supplied by Con Edison, as requested by Mr. Syed Ahmed, by next meeting for review. Mr. Al Adamson pointed out that a thorough review by the members is necessary before June. Mr. Dahl would like

to know the differences between true-up and non-true-up version for each zone for both summer and winter to see if the differences are consistent.

An upcoming regulation named “National Ambient Air Quality Standard” (NAAQS) will affect small diesel generators. Mr. Dahl believes it may affect SCR and ICS is requesting Mr. Pete Carney from NYISO to provide some important insights into the impact of NAAQS as a base case/sensitive study issue.

After the transmission upgrade performed at Nine Mile Point, the output of the plant will be at 1380 MW. The plant will become the largest contingency and allows Hydro-Quebec to increase their out to 1380 MW as well. Mr. Ahmed will find out the completion date of transmission upgrade project.

2. SCR study discussion

Mr. Mark Younger commented that NYISO should require all SCR to supply all data (performance level or actual load) during all hours of a SCR call, regardless of the event duration. Mr. Younger further recommends that a draft letter should be submitted by ICS to NYISO to ensure the data is collected and is available for analysis. Mr. Wes Yeomans joined the conference call and was informed of ICS’ intention to submit a formal request letter to NYISO to collect all SCR data regardless of the event duration. The data is necessary to assess their performance at peak times, even though only calculations of the SCR calls will be provided to ICS. Mr. Younger will supply a first draft of the request letter and send it to Mr. Curt Dahl, Mr. Robert Boyle, and Mr. Carlos Villalba for review. The final, ICS approved version of the request letter should be submitted to Mr. Wes Yeomans, Ms. Kathy Whitaker from Operations, and Mr. Dave Lawrence.

ICS is also interested in the amount of SCRs that will affect reliability to our system as a part of this study, since SCR is now a significant part of the resource mix.

ICS would also like the study to include the affect of NAAQS on SCR.

Mr. Wes Yeomans stated that they need to create a study scope and ICS is requesting a draft study scope before the next ICS meeting (March 2nd) and a schedule of what can be reasonably accomplished by June.

3. Lower Hudson Valley Locational Zone

ICS previously asked NYISO for details about GE's calculations and methodology for treating LHV zone. Mr. Dave Lawrence was not on hand to discuss these details and instead Mr. Greg Drake discussed the two ways that the new zone can be treated. 1. Keep zones J and K at their current required level and create LHV as a third zone and apply shift out methodology. 2. Create a super zone that includes G through K zone, keep IRM constant, shift out of J& K. Mr. Dahl will follow up with Mr. Lawrence and request his presence at the next ICS meeting. A joint scope will be discussed for creating criteria to introduce new capacity zones using GE's method that ICS can model after. Mr. Dahl also brought up Mr. Jim D'andrea's concern about breaking up the capacity zones into energy zones.

4. Forward Capacity Market

Horizon year study, which is action item 107-2, is to be closed out with Mr. Don Raymond.

5. IRM process milestones

ICS reviewed the 2012 IRM milestones and had some comments regarding exact date that the milestones are assigned to within the table. Mr. Adamson agreed to revise them to ICS/EC meetings. A Policy 5 change will be triggered and should be added to the next Agenda Items. Mr. Adamson will send the final version of the milestones to both ICS and EC.

6. Action Items

Closed

107-2: Forward Capacity Market / Horizon Year Study discussion – circulate the scope and scenario changes for the study as discussed with GE. Simplified FCM Calculation

118-1: Explore the possibility of approving the assumption matrix a month earlier to perform data scrub earlier as well.

119-2: Summarize discussions on when and how to perform a sensitivity analysis on major methodology changes.

Revised

119-3: Kelvin Chu and the NYISO to resolve methodology to calculate the FOR for units in the study (Cont. True-up methodology) and supply a white paper.

New

120-1: Con Edison will provide the Shifting methodology document for the hyperlink in Policy 5-4, pg. 18

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

120-3: NYISO to provide a white paper on composite shape methodology for wind resources

120-4: Syed Ahmed to find the completion time for the Nine Mile upgrade project.

Secretary: Carlos Villalba

(Con Edison)

Next meetings:

Meeting 121, Wednesday, March 2nd at NYISO HQ

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
