

# NYSRC Installed Capacity Subcommittee

Meeting #142

November 27th, 2012

9:30 a.m. – 3:00 p.m.

Meeting Minutes

## Attendees

	Present	Tel
Members / Alternates:		
Mr. Curt Dahl (LIPA) .....	<input type="checkbox"/>	<input type="checkbox"/>
Ms. Polina Adelson (LIPA) .....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Yuri Fishman (LIPA) .....	<input type="checkbox"/>	<input type="checkbox"/>
Ms. Kathune Zannat (LIPA) .....	<input type="checkbox"/>	<input type="checkbox"/>
Ms. Erin Doane (CHG&E) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Rich Wright (CHG&E) .....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Luting Pan (Con Edison) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Gregory Chu (Con Edison), <b>Secretary</b> .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Syed Ahmed (National Grid) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Bart Franey (National Grid) .....	<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 checked="" type="checkbox"/>
Mr. John Tigue (NYSEG-RGE) .....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Richard Brophy (NYSEG-RGE) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Robert Boyle (NYPA), <b>Chairman</b> .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Andrea Fossa (NYPA) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Bradley Kranz (NRG Energy, Inc.) .....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Chris LaRoe (IPPNY) .....	<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. Michael Mager (Couch White, LLP), <b>EC Chairman</b> .....	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	.....	<input 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 checked="" type="checkbox"/>	.....	<input type="checkbox"/>
Mr. Ed Schrom (NYPSC) .....	<input type="checkbox"/>	.....	<input checked="" 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 Maniaci (NYISO) .....	<input type="checkbox"/>	.....	<input type="checkbox"/>
Mr. Scott Leuthauser (Consultant for H.Q. Services) .....	<input type="checkbox"/>	.....	<input checked="" type="checkbox"/>
Mr. Henry Chao (NYISO) .....	<input type="checkbox"/>	.....	<input type="checkbox"/>
Mr. Howard Tarler (NYISO) .....	<input type="checkbox"/>	.....	<input type="checkbox"/>
Mr. Wes Yeomans (NYISO).....	<input type="checkbox"/>	.....	<input type="checkbox"/>
Mr. Paul Gioia (NYSRC) .....	<input type="checkbox"/>	.....	<input type="checkbox"/>
Mr. Dana Walters (NYISO) .....	<input checked="" type="checkbox"/>	.....	<input type="checkbox"/>
Ms. Donna Pratt (NYISO) .....	<input type="checkbox"/>	.....	<input type="checkbox"/>
Mr. David Allen (NYISO).....	<input checked="" type="checkbox"/>	.....	<input type="checkbox"/>
Mr. Mark Walling (GE) .....	<input type="checkbox"/>	.....	<input type="checkbox"/>
Mr. Gary Jordan (GE) .....	<input type="checkbox"/>	.....	<input type="checkbox"/>
Mr. Glenn Haake (Haake Energy Consulting LLC).....	<input type="checkbox"/>	.....	<input type="checkbox"/>

Guests Present:

Mr. Charlie Shafer (AES) .....	<input type="checkbox"/>	.....	<input type="checkbox"/>
Mr. Dean Ellis (Dynegy).....	<input type="checkbox"/>	.....	<input type="checkbox"/>
Mr. Jim D'andrea (Transcanada) .....	<input type="checkbox"/>	.....	<input type="checkbox"/>
Mr. Alan Ackerman (Customized Energy Solutions).....	<input type="checkbox"/>	.....	<input type="checkbox"/>
Dr. Roy Shanker .....	<input type="checkbox"/>	.....	<input type="checkbox"/>
Mr. Phil Fedora (NPCC).....	<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. Tom Patrit (EPS) .....	<input type="checkbox"/>	.....	<input type="checkbox"/>
Mr. Ruben Brown (The E Cubed Co.) .....	<input type="checkbox"/>	.....	<input type="checkbox"/>
Mr. John Dalwin.....	<input type="checkbox"/>	.....	<input type="checkbox"/>
Mr. Richard Quimby.....	<input type="checkbox"/>	.....	<input type="checkbox"/>
Mr. Randy Wyett (NYISO).....	<input type="checkbox"/>	.....	<input type="checkbox"/>
Mr. John Dowling (Luthin Associates) .....	<input type="checkbox"/>	.....	<input type="checkbox"/>
Mr. Nicholas Occhionero (NYPSC) .....	<input checked="" type="checkbox"/>	.....	<input type="checkbox"/>
Mr. Timothy G. Lundin (Customized Energy Solutions).....	<input type="checkbox"/>	.....	<input checked="" type="checkbox"/>
Mr. Norman Mah (Con Edison) .....	<input type="checkbox"/>	.....	<input type="checkbox"/>
Mr. Matt Renninger (Energy Curtailment Specialist) .....	<input type="checkbox"/>	.....	<input type="checkbox"/>
Ms. Kathy Slusher (SUNY) .....	<input type="checkbox"/>	.....	<input type="checkbox"/>
Mr. Rick Roby (Dynergy).....	<input type="checkbox"/>	.....	<input checked="" type="checkbox"/>

**1. IRM Study Report**

ICS members performed a page turn review on the most recent version of the IRM report.

Most of the changes were related to statements addressing HTP URDs. Other changes are grammatical in nature and chart titles and appearances.

Polina Adelson (LIPA) at the end of the meeting requested additional time for them to review the report. Due to a lack of time, the final version of the report will be ready for LIPA review by Thursday (11/29) and any additional comments must be made no later than Friday (11/30) morning.

**2. New Capacity Zone Methodology**

Chairman Bob Boyle (NYPA) recapped the previously proposed methodology from NYISO. The methodology will first require the same tangent 45 study as a first step to identify minimum capacity for zones J and K. Then zone K would be locked, where zones G-J (Lower Hudson Valley Superzone) would be reset back to as found condition, and the capacity can be shifted out of LHV to upstate until NYCA LOLE =0.1. The shift would be done in proportion of their UCAP values

and the remaining capacity in LHV at 0.1 would be superzone's locational capacity requirement. LHV LCR in this case was not determined using a tangent 45 study.

Results from the NYISO's methodology showed that LHV LCR will be 92%, with J's minimum at 85% and K's minimum capacity at 101%. At zone J's minimum capacity, zones G-I will need 107% capacity to ensure LHV is at 92%. Chairman Boyle wondered if there could be a situation where the capacities are 85% for J and 102% for G-I and these two percentages could violate the combination of % used to obtain 92%. John Adams (NYISO) said there's no minimum requirement other than Policy 5 stated for J and K.

Mark Younger (Hudson Energy Economics) stated that the important part for the NYISO to ensure is that when J is at minimum, all capacity combination (from 107% G-I down to 0% G-I) for a combined 92% of G-I and J satisfy 0.1 LOLE. Gregory Drake (NYISO) confirmed that is indeed the case.

Chairman Boyle also mentioned that there is another topic of discussion at the next new capacity zone meeting involving the exclusion of zone K from the LHV superzone. The next new capacity zone meeting is scheduled on December 11, 2012.

### **3. Dr. Channan Singh's EFORD Deviation Review**

Mr. Drake said that Dr. Singh has not finished with the review yet. Dr. Singh requested additional data and the NYISO will provide those to him.

### **4. Multi-year Load Shape methodology**

Mr. Adams mentioned that the NYISO has identified the years that they would like to test in the model. The NYISO will need to determine the time frame to start the testing due to other concurrent priorities such as new capacity zone

methodology and the annual Locational Capacity Requirement study due in January.

## 5. Lessons Learned

Al Adamson (NYSRC- Consultant) mentioned that the Executive Committee may want us to review the cut-off date for the base case. Executive Committee Chairman Michael Mager (Couch White) would like the ICS to review the rigidity of the cut-off date, since new information that may affect the IRM may not be included in the model.

Chairman Boyle will informed the EC that having an exact cut-off date may not be appropriate if the information omitted can have enormous impact on the resulting IRM. Mr. Adamson pointed out that if we choose an update to include after the cut-off date, we would need to determine why we can't apply an update to ALL of the assumptions. He stressed the ICS needs to be consistent with its answer.

Dana Walters (NYISO) said that sensitivity cases are specifically used to illustrate the impact of new information after the base case has been locked down. He cautioned that last minute changes to the database could impact deliverability schedule of the study.

Mr. Younger wonder if a tangent 45 study can be done with new information/sensitivity case would be suffice to avoid changing the cut-off date.

Mr. Walters also commented that we would need to seek EC's approval on any new sensitivity cases, assuming the change can be implemented in time to begin with.

These and other "Lessons Learned" for improving the IRM study process will be further reviewed at a future ICS meeting.

Secretary: Gregory Chu

*(Con Edison)*

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Next meetings:

Meeting 143, Wednesday, January 2<sup>nd</sup> Conference Call

Meeting 144, Tuesday, January 29<sup>th</sup> at NYISO HQ

Meeting 145, Tuesday, February 26<sup>th</sup> at NYISO HQ

Meeting 146, Wednesday, April 3<sup>rd</sup> at NYISO HQ

Meeting 147, Wednesday, May 1<sup>st</sup> at NYISO HQ

Meeting 148, Wednesday, June 5<sup>th</sup> at NYISO HQ

Meeting 149, Wednesday, June 26<sup>th</sup> at NYISO HQ

Meeting 150, Tuesday, July 30<sup>th</sup> at NYISO HQ

Meeting 151, Wednesday, September 4<sup>th</sup> at NYISO HQ

Meeting 152, Wednesday, October 2<sup>nd</sup> at NYISO HQ

Meeting 153, Tuesday, October 29<sup>th</sup> at NYISO HQ

Meeting 154, Monday, December 2<sup>nd</sup> at NYISO HQ

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