

# NYSRC Installed Capacity Subcommittee

Meeting #89

**December 1<sup>st</sup>, 2008**

**9:30 a.m. – 5:00 p.m**

Meeting Minutes

**Attendees:**

	Present	Tel
<b>Members / Alternates:</b>		
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. Timothy Bush (Generation Owners).....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Bart Franey (National Grid) .....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Steve Jeremko (NYSEG-RGE) .....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Mark Younger (Slater Consulting - Generation Owners) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Rajee Mustafa (NYPA).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Rich Wright (CHG&E) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mrs. Patricia Caletka (NYSEG-RGE) .....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Madison Milhous (National Grid).....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Kelvin Chu (Con Edison).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Mark Cordeiro (Municipal Power Agency).....	<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 checked="" type="checkbox"/>
<b>Advisers/Non-member Participants:</b>		
Mr. Al Adamson (Consultant) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Frank Vitale (Consultant) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. John Adams (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Greg Drake (NYISO) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Frank Ciani (NYISO) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Peter Carney (NYISO) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Arthur Maniaci (NYISO).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mr. Ed Schrom (NYPSC).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Guests Present:</b>		
Mr. Robert Boyle (NYPA) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. John Charlton (NYISO) .....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Bill Lamanna (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Frank Francis (BEMI).....	<input type="checkbox"/>	<input type="checkbox"/>
Mr. Clyde Custer (NYISO).....	<input type="checkbox"/>	<input type="checkbox"/>
Ms. Erin Hogan (NYSERDA).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. John Pade (NYISO-Consultant).....	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ms. Tracy Landers (NYISO) .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mr. Chris Wendtley ( ) .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>

## 1. Meeting Minutes

No meeting minutes were review. Meeting minutes from meeting 92 were available but there was no time to review them.

## 2. Action Items

### 2.1. Closed

**91-1** CRA database. The group decided to remove this action item from the database since is not the group to decide on this matter.

**92-2** Topology and transfer limits to model the IP2 extended outage for the sensitivity case

**93-1** LFU discussion

**93-2** VFT topology and transfer limits from PJM East to Zone J.

**93-3** Review of environmental write-up. This was review during the NYISO ESPWG meeting.

### 2.2. New

**94-1** Complete VFT sensitivity in January 2009.

### 2.3. Revised

All items were revised and the following items were discussed in detail.

**66-2 IRM/LCR Curve automation:** Mr. Frank Ciani reported to the group that over the summer he used the automated program to calculate the points on the curve and by using 1500 replications he got the same solution within few MWs. However in November he tried the program again after applying few changes in the database and it was off by a percent.

**90-5 SCRs super-zones:** Mr. Mark Younger and Mr. Carlos Villalba asked for the NYISO report on the final allocation of the SCRs in the super zones. This information is expected to be included in the report.

**93-2 VFT sensitivity:** Mr. Frank Ciani reported that the model needed Linden unit to be broken up in 5 different units to account for the various levels of transfer from the complex. As a practical matter the ICS will remove this sensitivity from the report, but it will be completed in January 2009.

### 3. Review of latest Sensitivity Cases.

The group reviewed all sensitivities in particular the following:

**HEDD:** The group found few issues with the assumptions made for this sensitivity. Mr. Curt Dahl found illogical that the impact of the HEDD program had a positive impact in reliability. After a discussion the group found that removing or lowering the capacity of less reliable GT units caused these illogical results. Mr. Dahl suggested including the total capacity of the units derated by the HEDD program in the numerator of the IRM calculation. Mr. Peter Carney brought to the group attention that the HEDD program not only will affect New York Control Area, but the entire northeast, thus the emergency assistance received from the neighboring pools will also decrease. Mr. John Pade will re-run these sensitivities using the last year methodology but not taking into account the impact of HEDD in the neighboring pools.

**CAIR:** Mr. Carney informed the group that the entire market is awaiting for a court decision in the middle of December that might reverse the past decision of not implementing the CAIR program. This program has two stages, a NOx program that will be in effect in 2009 and a SO2 program that will start in 2010. The CAIR impact will be run before the EC meeting, but will not be included in the report.

**NERC Class Average EFORD:** The methodology used for this sensitivity was not approved by the group, because it does not change each of the NYCA existing units EFORD to its NERC class, but uses an approximation by lowering the load on each zone proportionally to the NERC EFORD zonal weighted average.

**Load Forecast Uncertainty (LFU):** Mr. Carlos Villalba explained to the group that the LFU used for the sensitivity is general to zones H, I, and J instead of being specific to each of these zones.

**Wind Impact:** After a discussion the group concluded that this sensitivity needs to be analyzed using a complete IRM/LCR curve and that the current methodology used for the majority of the sensitivities would not provide meaningful results. Mr. Younger and Mr. Villalba questioned the IRM change amount due to wind in table one given the results of the wind sensitivities. The group decided to investigate this issue further during the next meeting and to characterize the challenge of the calculation methodology in the IRM report.

### 4. Review IRM report

The group did a turn page of the report and discussed all proposed changes by the group. All changes were capture in the report directly by Mr. Adamson and Mr. Drake.

Regarding some controversial changes in the LFU section of the report the group will wait for the NYISO detail results of the LOLE changes by LFU levels or bins to furnish a conclusion of the LFU impact. During this discussion, Mr. Villalba stated that for the 2010 IRM Study, the calculation of zones H, I, and J LFU will follow the methodology that the NYISO and Con Edison have mutually developed back in September 2008. This methodology needs to be refined to calculate the LFU for each zone separately.

## **5. Next Meeting**

Meeting #95: January 5th, 2009, 9:30am – 4:00pm.

*Secretary: Carlos Villalba*

---