

# **NYSRC Installed Capacity Subcommittee**

Meeting #58

**November 2, 2005**

**9:30 a.m. – 3:00 p.m.**

**NYISO: Washington Ave Ext. Conference Room WD**

## Meeting Minutes

### **Attendees**

#### Members/Alternates Present:

Mr. Curt Dahl (LIPA), Chairman  
Mr. Bart Franey (National Grid)  
Mr. Steve Jeremko (NYSEG-RGE)  
Mr. Carlos Villalba (Con Edison) – Telephone  
Mr. Richard Wright (Central Hudson) – Telephone  
Mr. King Look (Con Edison), Secretary

#### Advisers/Non-member Participants Present:

Mr. John Adams (NYISO)  
Mr. Al Adamson (Consultant)  
Mr. Greg Drake (NYISO)  
Mr. Steve Keller (NYPSC) – Telephone  
Mr. Ed Schrom (NYPSC)  
Mr. Frank Vitale (Consultant)

#### Guests Present:

Mr. Tim Foxen (NRG Energy)  
Mr. Glenn Haake (IPPNY, EC Member)  
Mr. Glenn Haringa (GE) – Telephone, Limited Participation  
Mr. Gary Jordan (GE) – Telephone, Limited Participation  
Mr. Hebert Joseph (NYPSC) – Telephone  
Mr. Bill Lamanna (NYISO) – Limited Participation  
Mr. Madison Milhous (KeySpan Ravenswood)  
Mr. John Pade (NYISO) – Limited Participation  
Mr. Mike Weinstein (Zimmer Lucas Partners, LLC)  
Mr. Cenk Yildirim (NYISO) – Limited Participation

### **Addition to Meeting Agenda:**

The following was added to the agenda:

7. Joint NYISO / ISO-NE Study

The original agenda items 7 through 12 were renumbered as 8 through 13.

## 1. Review and Approval of Meeting Minutes

### 1.1. Meeting #57 on 10/5/05

The Meeting Minutes from Meeting #57 (held on 10/5/05) were reviewed. A motion was made and accepted to finalize these minutes with some editorial corrections.

### 1.2. Conference Call #22 on 10/13/05

The Meeting Minutes from Conference Call #22 (held on 10/13/05) were reviewed. A motion was made and accepted to finalize these minutes with some editorial corrections.

## 2. Review of Previous Outstanding Assignments

Action Items List #57 was reviewed and resulted in closing out item 57-2.

## 3. IRM Base Case

Load forecast: Curt Dahl asked if the upstate losses were allocated to zone J and zone K loads and John Pade explained they were not.

Preliminary results: Greg Drake presented preliminary location capacity requirement (LCR) vs. statewide reserve margin (SRM) curves. The preliminary Long Island LCR vs. SRM curve is generally hyperbolic as expected, with the tangent 45° point on the curve at about 99% LI LCR at 18% SRM. However, the New York City LCR vs. SRM curve appears to have two tangent 45° points on the curve, one at about 82% NYC LCR at 18% SRM and the other at about 77% NYC LCR at 22% SRM. ICS expected only one tangent 45° point on each LCR vs. SRM curve and that the tangent 45° points on both the NYC LCR vs. SRM curve and the LI LCR vs. SRM curve should have the same SRM. Greg Drake noted that unlike in the determination of the 2005 LCRs where capacity was shifted out of zones J and K to zones A, C and D, this time he shifted capacity out of J and K to capacity-rich zones that also include zones F and G (both of which are east of Total East) besides A, C and D. Curt Dahl suggested Total East may be contributing to this anomaly and asked that capacity from zones J and K should only be shifted to zones A, C and D (all three of which are west of Total East). ICS agrees that capacity from zones J and K should only be moved to zones A, C and D. Greg Drake will work with GE to finalize the LCR vs. SRM curves and to identify the NYC and LI LCRs and the corresponding SRM at tangent 45°.

### Transmission Topology:

Bill Lamanna compared and contrasted the transmission topology used in the NYISO Reliability Needs Assessment (RNA) and the transmission topology proposed for the 2006 IRM Study. Bill Lamanna reviewed with ICS the UPNY/SENY flows, UPNY/ConEd flows and Dunwoodie South flows under various scenarios. These results would provide the basis for developing a nomogram to make either the UPNY/SENY interface or the UPNY/ConEd interface unit-dependent on Lower Hudson Valley generation.

ICS discussed about incorporating into the 2006 IRM Study the transmission topology from the NYISO RNA. King Look said Con Edison voted against the RNA at the November 1, 2005 Operating Committee meeting and had a minority statement included in the RNA, stating that it disagrees with the RNA base case voltage-limited transfers into New York City.

Curt Dahl recommended the use of nomogram in MARS to make the interface limits unit sensitive and Bart Franey stated that he agrees with this recommendation. John Adams said the nomogram would be developed making either UPNY/ConEd or UPNY/SENY interface unit sensitive.

- *As a new action item (#58-1), John Adams and Bill Lamanna will develop the nomogram to make either UPNY/ConEd or UPNY/SENY interface limits unit-dependent on Lower Hudson Valley generation.*

Curt Dahl asked Greg Drake to send ICS a status update of the IRM base case results by Monday, November 7.

#### **4. Sensitivity Cases**

The fifteen IRM sensitivity cases approved by the EC will be run after the IRM base case is complete. The LCRs corresponding to the tangent 45° point from the IRM base case will be used as inputs in the IRM sensitivity cases.

King Look discussed that in setting the PJM reserve margin in the external world model, PJM load could be increased in lieu of removing PJM capacity. King Look requested as a second tier sensitivity case on the external world model to increase PJM load in lieu of removing the 4,350 MW of new PJM projects. The reason is that about 2,500 MW of the 4,350 MW of new PJM projects is in PJM-East and therefore, removing the new PJM projects would disproportionately reduce the assistance from PJM to Downstate New York more than it would to Upstate New York.

- *As a new action item (#58-2), Greg Drake will run a case to identify the impact of increasing PJM load in lieu of removing the new PJM projects.*

#### **5. Draft 2006-2007 IRM Study Report**

Al Adamson reviewed with ICS the draft of the report body. ICS provided comments during the review. Al Adamson requested ICS to send additional comments, if any. Frank Vitale briefly discussed the draft of the report appendices, and requested ICS to review and send comments.

#### **6. Upstate / Downstate Study**

Steve Jeremko reviewed with ICS a revised draft of the study scope for the upstate / downstate study. ICS provided comments during the review. Steve Jeremko will circulate another revised draft for ICS review and comment before it is presented to the EC for the November 10 EC meeting.

7. **Joint NYISO / ISO-NE Study**  
Curt Dahl reviewed with ICS his comments and suggested changes to ISO-NE's draft study scope for the Joint NYISO / ISO-NE Study. ICS agrees with Curt Dahl's comments. Curt Dahl will present the draft study scope to the EC at the November 10 EC meeting.
8. **Review of Draft Procedures**
  - 8.1. **Modeling of Wind Resources**  
The draft procedure is not ready for review.
  - 8.2. **Unified Method**  
The unified method procedure will be written after the 2006 IRM Study is completed.
9. **Fuel Availability**  
*As a new action item (#58-3), Steve Jeremko will provide Curt Dahl with PJM fuel related information for incorporation in the fuel availability white paper.*
10. **Committee Reports**  
None reported.
11. **Other Business**

**NERC:** Curt Dahl reported that his resource adequacy standards drafting team had a conference call in preparation for their November 15 meeting in Chicago. Both Curt Dahl and Greg Drake will be attending the November 15 meeting.

**Reliability First Corporation (RFC):** Steve Jeremko attended the RFC Workshop on Thursday, October 6 in Wilmington, Delaware. Steve Jeremko will present a summary of the RFC Workshop at the next ICS meeting on November 30.

**Inter-regional Planning Stakeholder Advisory Committee (IPSAC):** Greg Drake reported that IPSAC will be doing a PJM-NY-NE regional resource adequacy study. The proposed study years are 2009 and 2011. Curt Dahl asked either John Adams or Greg Drake to provide ICS with periodic updates on this PJM-NY-NE regional resource adequacy study.
12. **Review Action Items**  
See attached action item list.
13. **Next Meeting**  
**November 30, 2005 Meeting # 59**

*Secretary: King Look*