

# **NYSRC Installed Capacity Subcommittee**

Meeting #26

**March 4, 2003**

**9:30 a.m. – 3:00 p.m.**

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

Meeting Minutes

## **Attendees**

### Members/Alternates Present:

Mr. Curt Dahl (KeySpan/LIPA) – Chairman  
Mr. Kevin Donnelly (Con Ed) – Secretary  
Mr. Joe Fleury (NYSEG)  
Mr. Mark Cordeiro (Municipals)- Telephone  
Mr. Carl Courant (NYPA)- Telephone  
Mr. Bart Franey (NGRID)  
Mr. Peter Chamberlain (Wholesale Sector) -Telephone

### Advisers/Non-member Participants Present:

Mr. Alan Adamson (Consultant)  
Mr. Greg Drake (NYISO)  
Mr. Frank Vitale (Consultant)  
Mr. John Adams (NYISO)  
Mr. Hebert Joseph (NYPSC)

### Other interested Parties:

Mr. Glenn McCarthy (Constellation)  
Mr. Meridith Wynn (Hunt & Williams)

### Members/Non-members/Advisers Absent:

Mr. Michael Hogan (CHGE)  
Mr. Ed Schrom (NYPSC)  
Mr. Steve Keller (NYPSC)

## **1. Meeting Minutes Review**

**1.1.** Finalized Meeting Minutes from CC#19 on 12/20/2002. Delayed review of Meeting Minutes from meeting #25 on February 10, 2003 to next meeting.

## **2. Discuss Final Draft 2003-04 IRM Study Lessons Learned Paper**

Finalized lessons learned white paper. Final draft to be sent to Executive Committee. Action Item 25-1 closed.

### **3. Pre 2004-05 IRM Study Modeling Issues**

#### **3.1. NYISO/GE meeting**

NYISO provided meeting minutes from meeting with GE. Time estimate for any model improvements required. Action item 25-5 is closed.

#### **3.2. Dynamic Transmission System Limits**

NYISO reviewing the use of dynamic interface ratings and the creation of generation summation groupings to determine which model best represents the system. Action item 26-1 created. After completing review, NYISO and splinter group to remove extra zones used in the model, i.e. the summation and dummy areas that are no longer necessary. Action item 26-2 created to track removal of these zones.

#### **3.3. SCR/EDRP**

The NYSIO will Review the modeling assumptions for SCR's and EDRP and propose enhancements to the subcommittee. Action item 25-7 remains open.

#### **3.4. Testing NE and IMO Multiple Areas**

NYISO reported IMO supplying no assistance case was completed, action item 25-10 is closed.

The New England model was discussed further and requires additional testing. Action Items 25-12 and 25-13 remain open and were clarified to provide required details for the runs. 25-12 requires the database for New England to be tested first by having NE isolated w/ infinite transfer internally, and then making NE have the same reliability as NY isolated ( $LOLE \geq NY$ ). Item 25-13 requires New England to be isolated w/ transfer limits internally modeled and the interconnected case.

#### **3.5. Temperature Derate for Gas Turbines**

How the derate model for Gas Turbine is applied was discussed briefly. Possibility that an error in the conversion program. NYISO will review. NYSIO is also discussing a model enhancement with GE to eliminate the conversion. Action item 25-9 remains open.

#### **3.6. ISO concerns about validity of GADs data**

NYISO discussed recent reporting differences in EFOR'd. For example, Generators are not required to report step up transformer outages. NYISO to look back and apply these type of outages to GADS data used in the MARS program. NYISO to also review DMNC reporting, primarily can generators reach the rating during peak days. Action item 26-3 to track ISO review of data and provide information to subcommittee. Review will aid determination of whether 5 year EFOR'd is more appropriate assumption of performance for future study years.

#### **3.7. Load shape for NYCA and external areas.**

John Pade sent out a packet of information, but was not available to discuss. Action item 25-3 remains open.

#### **3.8. PV 20 Import Limit**

NYISO transmission representative will verify limit in program and discuss with NE counterpart. Action item 25-11 remains open.

### **3.9. MARS Executable**

NYISO and GE meeting discussed in 3.1. NYISO tested new version 2.52 on the NYCA isolated case. NYISO needs to test new version on the basecase as well. Action item 25-4 remains open.

### **3.10. Other Modeling Discussions**

NYISO provided load forecast uncertainty weighted LOLE results to illustrate the effect of load on the LOLE. Action item 25-2 is closed. Discussed possibility of using uncertainty model for individual zones. Con Edison currently does not produce an uncertainty model and its forecast is already more conservative than the rest of NYS, (i.e. Con Ed forecasts on a 1 day every 3 years design). Con Edison will review possibility of submitting 1 day in 2 year forecast with an uncertainty model for zone J. Action Item 26-7 created.

NYISO provided updates to figures A-3 EFOR'd trends, and A-6 NYCA equivalent availability from the report. Action item 25-8 is closed.

NYISO change the model for Athens to 3 equal units. Action item 25-6 is closed. Since Independence will also be modeled as a multiple unit, the breakdown was provided to the NYISO. Action item 26-4 initiated to track modeling tests for both units to see effect of on NYCA isolated and with external ties. Action item 26-5 initiated for Con Ed to look at providing data to model Linden as a multiple units.

Splinter group will review method for using 3 years of actual data along with NERC class data to create composite Historical information until enough history for each unit is provided. Action Item 26-6 initiated to track Splinter group review.

## **4. Committee Reports**

NYISO ICAP WG Report: Demand Curve is approved

## **5. Other Business**

- 5.1. LIPA reported Y-49 out of service due to construction in Long Island Sound. Barge anchor from company installing gas line ripped spare leg of Y-49 forcing its removal from service. Same company that uprooted feeder 1385.

## **6. Review Action Items**

See attached action item list.

## **7. Next Meeting**

**April 9, 2003 Meeting #27 9:30 am – 3:30 pm**