

# **NYSRC ICAP WORKING GROUP**

MEETING No. 19

**MAY 6, 2002**

**290 Washington Ave Extension**

**Conference Room WD**

**9:30 a.m. – 3:30 p.m.**

## **Meeting Minutes**

### **Attendees**

#### Members/Alternates Present:

Mr. Curt Dahl (KeySpan/LIPA) – Chairman  
Mr. Kevin Donnelly(Con Ed) - Secretary  
Mr. John Kobuskie (NYSEG)  
Mr. Michael Hogan (CHGE)  
Mr. Larry Eng (NMPC)

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

Mr. Alan Adamson (Consultant)  
Mr. Greg Drake (NYISO)  
Mr. Frank Vitale (Consultant)  
Mr. Ed Schrom (NYPSC)  
Mr. Steve Keller (NYPSC)

#### Other interested Parties:

Mr. Bob Boyle (NYISO)  
Mr. Bill Lamanna (NYISO)  
Mr. Herbert Joseph (NYPSC)

#### Teleconference

Mr. Peter Chamberlain (Wholesale Sector)  
Mr. Liam Baker (Reliant)  
Mr. Tom Baldi (Con Ed)

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

Mr. Carl Courant (NYPA)  
Mr. Mark Cordeiro (Municipals)  
Mr. Art Desell (NYISO)

## **1. Discussed April 5, 2002 Meeting Minutes**

### **2. Action Items Reviewed**

#### **Action 1 NYISO**

Sensitivity Cases need to be rerun and results checked: 1) Reserve prioritization inside LI sub-zones, and 2) 8760 hours for case 3.

#### **Action 2 Al Adamson**

Al's "Procedure for Determining the Impact of Bottled Generation in Statewide IRM and Locational ICAP Studies" to be revised and sent for comment. Clarification of how to determine how much capacity is bottled is needed.

#### **Action 3 All**

List of new Generators due for Summer 03. Must have interconnection agreement by August 1, 2002 to be included in base case, otherwise included as sensitivity run if possible connection by summer 2003. As soon as possible.

#### **Action 4 Bill Lamana (NYISO)**

Transmission Limit table developed by June 30.

#### **Action 5 NYISO**

Brief List of bulleted items for what's required for a NE RTO MARS study.

#### **Action 6 Splinter Group**

Review LM-6000 data in NERC database, 10 NYC units and Brentwood units performance.

#### **Action 7 Al Adamson/Curt Dahl**

Outline/draft of Deliverability Study White Paper. Due 6/5/02.

#### **Action 8 Greg Drake**

GE updates for modeling reserve sharing/add more zones, etc.

#### **Action 9 NYISO/Greg Drake**

Invite John Pade to discuss Load Forecast model.

#### **Action 10 Greg Drake**

Check on status of GADS database

### **3. Deliverability Study**

**3.1 TASK 1** - Reviewed MARS Sensitivity testing, need to rerun and evaluate, see action item 1.

**3.2 TASK 2** - Discuss methods and procedures for recognizing, representing, and accounting for bottled generation in IRM and locational capacity requirement studies. Discussed draft "Procedure for Determining the Impact of Bottled Generation in Statewide IRM and Locational ICAP Studies", see action item 2.

Draft procedure starts with no existing bottled generation. A preliminary case with all new generation modeled will be created. Any new generation in Zone J will be added in as additional capacity, as it was in the past. This will create a preliminary IRM (0) for a LOLE of 0.1 days/year. This number may not be accurate because it assumes all of the capacity is deliverable, but it provides a starting point. Then, Zone J will be divided into sub-zones, with each zones load characteristics and generation modeled along with the transmission constraints between the sub-zones. The first sub-zone iteration will be with infinite transmission between sub-zones to ensure the division into sub-zones alone does not create a problem. This is

IRM(1). Then, the second iteration will be with all constraints modeled. If bottled capacity is present, the LOLE will change. This creates IRM (2) The third iteration will be accomplished by adjusting the second iteration model to quantify how much is bottled capacity. Adding additional capacity to a non-bottled sub-zone inside Zone J to get back to an LOLE of 0.1d/y will accomplish this or adding additional load to the bottled sub-zone. The fourth iteration will then model only the amount that is deliverable capacity, and determine the IRM (Final) throughout NYS for an LOLE of 0.1 statewide. The end result will be a more accurate IRM than the preliminary case of just adding all new capacity in Zone J as some amount of the additional capacity is not deliverable therefore it should not be included.

The third iteration will be kept in the Zone that is being subdivided; this ensures the rest of the state does not compensate and create un-due burden to support the Zone being analyzed. It will also effect locational requirements, to what extent is still being determined. The NYISO determines locational requirements; this study could create sub-zone requirements or could adjust the 80% based on where the capacity is added.

**3.3 TASK 3** - Discussed the need to develop a reliability rule on generation deliverability. The group suggested modifying existing rules requiring bottled generation to be considered when determining IRM and locational requirements. File an amendment when results are determined. Proposed wording on an amendment to be part of Deliverability White Paper.

#### **3.4 Schedule & Deliverables**

White paper draft , see action item #7.

#### **4. Review NYSRC Resource Adequacy Criterion**

Survey was sent to ten NERC regions, six of ten responded. None of the NERC regions have changed or plan to change LOLE or any criteria they have.

#### **5. Prepare for 2003-04 IRM Study**

1995 load shape was selected as most conservative, this is what we use. Decided to have John Pade present other ideas for a load shape. See action item 9.

#### **6. Status Report on NYISO ICAP WG Activities**

NYISO ICAP WG discussing how to treat transmission lines. Should it be ICAP or transfer capability? How should transmission developers be compensated?

#### **7. Other Business**

CP-8 report: Issued version of report concludes NYC is cause for increases during drought and severe conditions, but provided tables do not support conclusion. The full report does support the conclusion. Results are not unexpected for NYC, with reduction of 785MW and no outside assistance during severe and drought scenario. 785MW comes from survey from generators. Model used appears to provide too much assistance from external areas into NYS; the external reliability is being modeled as much better than NY states reliability. NYS Reliability Council ICAP working group models external assistance as equal to or less reliable than NYS. This is a more conservative approach and more realistic to what has occurred during emergencies in the past. Reliability information provided from external areas does not appear accurate. Al Adamson and NYISO staff to submit comments on CP8 report.

## **8. Review Action Items**

See list above for action items.

## **9. Next Meeting**

Wednesday, June 5, 2002 at NYISO office.

Tentative conference call on June 20, 2002 for follow-up.