

NYSRC INSTALLED CAPACITY SUBCOMMITTEE

Conference Call No. 13

June 20, 2002

290 Washington Ave Extension

Conference Room WD

9:30 a.m. – 3:30 p.m.

Meeting Minutes - Final

Attendees

Members/Alternates on call:

Mr. Curt Dahl (KeySpan/LIPA) – Chairman
Mr. Kevin Donnelly(Con Ed) - Secretary
Mr. John Kobuskie (NYSEG)
Mr. Michael Hogan (CHGE)
Mr. Carl Courant (NYPA)
Mr. Peter Chamberlain (Wholesale Sector)
Mr. Tom Baldi (Con Ed)

Advisers/Non-member on call:

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

Other interested Parties:

Mr. John Pade (NYISO)

Members/Non-members/Advisers Absent:

Mr. Mark Cordeiro (Municipals)
Mr. Larry Eng (NMPC)

1. Discussed and Approved May 6, 2002 Meeting Minutes

2. Reviewed Previous Assignments

Action 1

Sensitivity Cases need to be rerun and results checked: 1) Reserve prioritization inside LI sub-zones, and 2) 8760 hours for case 3. **Completed. See Item 3.1 for details.**

Action 2

Step list revised and sent for comment detailing procedure for Determining Impact of Bottled Generation. ---Closed; see item 3.2.1 for details.

Action 3

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. **In Progress: NYISO to create list.**

Action 4 **Bill Lamana (NYISO)**

Transmission Limit table developed by June 30. **In Progress**

Action 5 **NYISO**

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

Action 6

LM-6000 Data incorporating NERC database, 10 NYC units and Brentwood units performance. **In Progress: Splinter Group to address using 11 units in place to develop transition model.**

Action 7

Outline for white paper. Due 6/5/02. See item 3.2.1

Action 8

GE updates for modeling. **In Progress: Rec'd quote from GE.**

Action 9 **(NYISO)**

Invite John Pade to discuss Load Forecast model. **In progress: John Presented reasons to move to 1998 Load Shape from 1995 Load Shape. John to provide additional information before next meeting.**

Action 10

Check on GADS database. **Closed: Latest 2001 data included and NYISO has the data.**

3. Deliverability Study

3.1 TASK 1 - Completed: Demonstrated there is an effect on statewide and locale LOLE by bottled generation. **White Paper to EC to document being developed.**

3.2.1 TASK 2 - NYSRC EC decided the NYISO should consider bottled generation. It will be used in IRM study after it's supplied by NYISO, much like locational requirements. The NYISO will determine the amount of capacity that is deliverable and supply that as an input to the IRM study. The existing reliability rules require the NYISO to consider the transmission system, which translates into ensuring the capacity is deliverable to be considered in the studies. The NYISO is considering changing the ICAP manual to be more explicit about its requirement to consider the transmission system when it evaluates new generation. The manual already discusses transmission constraints. **A letter will be sent to the EC, informing them that this committee finds sufficient wording in the existing reliability rules to ensure the NYISO considers deliverability.**

3.2.2 Procedure for Determining the Impact of Bottled Generation. --closed. See item 3.2.1, NYISO to determine.

3.3 TASK 3 - completed; see item 3.2.1

3.4 Schedule & Deliverables. --- See items for white Paper on 3.1, & letter for 3.2.1

4. Prepare for 2003-04 IRM Study

4.1 Load Shape: John Pade presented an analysis and recommendation for switching to the 1998 load shape from the 1995 Load Shape.

4.2 Interconnected Areas: Received data from surrounding areas, need decision on load shape in order to continue. Much of the data is the data external areas supplied for CP-8 study. Need to replace outdated tables, will do one at a time to ensure no changes from updates. All changes will be parametric to ensure compatibility with last year and the ability to explain any changes. This years model will divide NE into multiple areas (13) instead of one external area.

4.3 External ICAP Representation: Grand-fathered contracts appear to be only ones that will be modeled, not much else at this time. Hydro Quebec has the largest impact, they sell to the line limit (no external assistance available) and sell the rest to NE.

4.4 Transfer Limits: In progress, Internal and external by Early July, see action item.

4.5 Schedule: Need load shape decision, all other information appears ready to meet schedule.

5. Installed Capacity Subcommittee (“ICS”)

Draft a new work scope document now that this committee has become a subcommittee to the NYS RC instead of a working group under the Reliability Rules subcommittee.

6. NYSRC Resource Adequacy Criterion

Survey was sent to 10 NERC regions, 6 of 10 responded. None of the NERC regions have changed or plan to change LOLE or any criteria they have.

NYS criteria is an LOLE of 1 day in 10 years. The purpose of this study was to ensure an LOLE of 1 day in 10 years was conservative enough. Questions arose about using voltage reduction as planned measures in our design. Should we strengthen the criteria and limit voltage reductions or use some other criteria. None of the surrounding NERC regions are considering adding requirements or adopting the 1 in 10 criteria. Our criteria is conservative and relies on additional conservative assumptions throughout the model. Draft a memo or include in other correspondence this result.

7. Status Report on NYISO ICAP WG Activities

UDR concept from LIPA and TransEnergy. Draft of ICAP manual change to allow UDR (transmission rights) coupled with an external generator (that meets all requirements listed for external ICAP supplier) can bid into NY market as though it was located inside locality in NYS, i.e. allows the UDR-external generator grouping to be considered a radial tie into locality.

8. Other Business

LIPA installing 200 MW of temporary generation. Security because of Y-50 Outage, delay in 160 MW of new generation (PPL projects) and questions regarding depth of Cross Sound Cable.

Question for Con Ed/ LIPA; Do we need updated transition information on Y-50, has failed twice in 12 months. Inspections completed on above ground sections at LIPA and replacement of one failed underwater section.

9. Review Action Items for next meeting

Action 1 NYISO: Greg Drake

Distribute 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.

Action 2 Splinter Group

LM-6000 Data Using 10 NYC units and Brentwood unit performance to develop transition model.

Action 3 NYISO: John Pade

Follow up information to presentation on Load Shape considerations for model.

Action 4 NYISO: Bill Lamana

Transmission Limit table developed by June 30.

Action 5 Curt Dahl/ Al Adamson

Draft letter to NYSRC EC detailing opinion that existing reliability rules require the NYISO to consider deliverability. Include reference to NYISO ICAP manual.

Action 6 Curt Dahl/ Al Adamson

Draft White paper document results of Task 1, the effect on NYS LOLE by bottled generation.

Action 7 Curt Dahl/ Al Adamson

Draft work scope for Installed Capacity Subcommittee

Action 8 Curt Dahl/ Al Adamson

Resource adequacy criteria review completed, memo to EC documenting study and sensitivity run during IRM as additional documentation.

Action 9 NYISO: Bob Boyle/Greg Drake

GE updates for modeling, rec'd quote, need to upgrade model

Action 10 Kevin Donnelly

Y-50 transition rates. Check with Con Ed transmission planning on previous study and whether updating is required. Ray Chan revised in 1998 the Y-49 and Y-50 Transmission interface Outage transition rates.

10. Next Meeting

Tuesday July 9, 2002 at 9:30 am