NYSRC Installed Capacity Subcommittee

Meeting #67

August 2, 2006

9:30 a.m. – 4:00 p.m.

NYSERDA: 17 Columbia Circle Board Room

Meeting Minutes

Attendees

Members/Alternates Present:
- Mr. Curt Dahl (LIPA), Chairman
- Mr. Carlos Villalba (Con Edison), Secretary
- Mr. Bart Franey (National Grid)
- Mr. Madison Milhous (KeySpan Ravenswood)
- Mr. Steve Jeremko (NYSEG-RGE)

Advisers / Non-Voting Participants Present:
- Mr. Greg Drake (NYISO) - Telephone
- Mr. Al Adamson (Consultant)
- Mr. Frank Vitale (Consultant)
- Mr. John Adams (NYISO)
- Mr. John Pade (NYISO)

Guests Present:
- Mr. Harry Joscher (PSEG Power LLC) – Telephone
- Mr. Amanvir Chahal (NYISO)
- Mr. Tim Bush (Navigant Consultant)
- Mr. Michel Prevost (HQ US – telephone, limited participation)
- Mr. Mike Mager (MI)

1 Review and Approval of Meeting Minutes

1.1 June 7th, 2006 ICS Meeting (#65)

The group reviewed and commented on the draft meeting minutes from meeting #65. The draft was approved as final.

1.2 July 7th, 2006 ICS Meeting (#66)

The group reviewed, commented, and made some editorial changes. Next meeting the group will review the changes.

2 Review of Previous Outstanding Assignments

2.1 Closed

62-2. GE to review the modeling of SCRs and intermittent resources.

2.2 New

67-1. The NYISO will investigate and collect data from the NYISO's Combine Cycle Units to analyze the derate curves. This task was assigned to Greg Drake and Bart Franey.

2.3 Update of Previous Assignments

65-3. Greg Drake indicated that it would be better to perform this sensitivity on the old data base instead of the new data base that has not been benchmarked however everyone decided to perform the benchmark using the new database.

3 Other Business

3.1 HQ-US

Michel Prevost discussed the proposed HQ Cedars generating unit to become the new proxy bus instead of Dennison becoming a proxy bus.. The ICS conclude that additional conclusion was that additional studies are required by the NYISO from HQ-US in regards to the transfers from HQ to OH.

John Adams believes that because Cedars will become part of the Proxy bus the unit will be part of the 2,755 MW of import capabilities.

3.2 ICAPWG

Mr. Charlton briefed the group about the demand curve update, an overview of the number of times the SCRs were invoked during the July 18 and 19 peak load days particularly the called for SCRs on July 18 due to voltage problems, and the 2007 limitation by the DEC on the number of hours the SCRs calls can be invoked. The maximum number of hours and calls apply only to certain generators to cap their emissions.

4 POLICY 5 Update

Al Adamson briefed the group on the major changes that the Policy 5 requires. Some of the changes relate to the 5 Year average for EFORd, the database accuracy, the UDR modeling, and the Unified methodology attached.

5 2007-08 IRM Study Assumptions Matrix

5.1 Transmission Limits for the MARS model

Bill Lamanna brought up to date the group on the calculations of the transmission limits. Mr. Lamanna presented to the group a new model of the UPNY/SENY interface that better capture the the thermal constraints when the Gilboa and Athens units are on line. The proposed model groups these two units into zone FG that connects to zone G. Originally Mr. Lamanna proposed to have the new zone located in a separate pool, however the group indicated they rather see the zone in the same pool. Mr. Lamanna agreed to modify the model to fit the request.

Mr. Lamanna also briefed the group on the status of a joint study with the ISO-NE that is reviewing the ISOs ties transfer limits.

Mr. Lamanna also added to John Charlton comments on the system conditions of July 17, 18, and 19 that appear that some transfer limits were reduced due to low voltage constraints.

Curt Dahl made one observation on the topology indicating that the transfer in and out of NE should not include the CSC project.

Mr. Dahl asked Mr. Lamanna if the modeling of zone B is correct and that if it captures the constraints to serve the load in that area. Mr. Lamanna explained that if the model were to capture this type of constraints, the ICS team would have to propose a similar model for zones G, F, I, and others. Mr. Lamanna believes that modeling the NYCA separating the bulk power system from the low voltage system in GEMARS it will give the model a more realistic approach.

Mr. Dahl also asked Mr. Lamanna if there were any issues regarding zone B simultaneous import capabilities from zones A and C. Mr. Lamanna responded that he was not aware of any limitations to moved the power through the bulk power system in that area.

Bart Franey added to this conversation that the LOLE that is seen in the GEMARS results is artificially created during the IRM calculation process when capacity is removed from the adjacent areas to set an SRM.

5.2 DMNC derate

The DMNC derate for this year is being set to zero. However, Greg Drake from the NYISO is working on capturing the Combine Cycle (CC) derates. There were many discussions among the members on how would be the best way to model the CC derates and whether or not to use the manufactire's ambient temperature vs. output curves.

Mat Milhous proposed an approximation to calculate the derate by only derating the Combustion Turbines of the CCs. Mr. Milhous also asked Mr. Drake to find out if there were any environmental constraints that lead to the derate of Combustion Turbine units.

The group concluded that it requires more real time information from the NYISO to better determine the correct to model these resources.

Frank Vitale indicated that the amount of resources being on maintenance during the summer period remain 150 MW. Most maintenance oin the peak days ar or hoigh load days are essentially zero. Weekends and low load days, but the 150 MW is there as a conservative measure.These are mainly units that are force to take their outages during the summer.

6 Next Meeting

August 30, 2006 Meeting # 68

Secretary: Carlos Villalba