NYSRC Installed Capacity Subcommittee

Conference Call #33

July 10, 2007

10:00 a.m. – 12:00 p.m.

Meeting Minutes

Attendees

Members/Alternates Present:

- Mr. Curt Dahl (LIPA), Chairman
- Mr. Carlos Villalba (Con Edison), Secretary
- Mr. Steve Jeremko (NYSEG-RGE)
- Mr. Rajee Mustafa (NYPA)
- Mr. Rich Wright (CHGE)
- Mr. Madison Milhous (Generation Owners – KeySpan Ravenswood LLC)
- Mr. Han Huang (NYPA)

Advisers/Non-member Participants Present:

- Mr. Greg Drake (NYISO)
- Mr. Al Adamson (Consultant)
- Mr. Steve Keller (NYDPS)
- Mr. Ed Schrom (NYDPS)
- Mr. Frank Vitale (Consultant)
- Mr. Timothy Bush (Public Power, Munis and Co-ops) - Telephone

Guests Present:

- Mr. Bill Lamanna (NYISO)
- Mr. John Charlton (NYISO)
- Mr. Arthur Maniaci (NYISO)

1. Action Items

1.1 Closed

75-3 MARS Switch Settings. During the last ICS meeting #77, Mr. Glenn Haringa from GE answered to the group that the ICS can use at their discretion any of the switches and that there is no real compelling issues to change the current switch settings in the model.

1.2 New

78-5. Bill Lamanna will review Zone J simultaneous import capability from PJM and Zone K. Assigned to Mr. Bill Lamanna.

78-6. Modify the modeling technique of Astoria West units to reflect that any one of the Astoria GTs 10-13 can be connected at any time and to increase the capacity states of NYPA CC unit from 2 to 7. This task was assigned to Mr. Greg Drake.

78-7. Verify if 79.9 MW Plattsburg wind farm is in service. This task was assigned to Mr. Drake.

78-9. Review the Load Uncertainty table based on LSTF consensus. This task was assigned to Mr. Drake.

1.3 Revised

All

2. SCRs and EDRPs

Mr. John Charlton reported to the group the performance of the EDRPs and SCRs as follows: The EDRPs continue performing at approximately 50% availability. There is no better information available at this time to calculate a different availability. During the peak days of August 2nd and 3rd, the SCRs performance ranged from 88% to 101% availability hour to hour in some zones. Mr. Charlton recommended maintaining the 92% availability, since it was still representative of the SCRs overall performance of 91.6% and that not further adjustments were necessary. Mr. Mad Milhous and Mr. Curt Dahl asked Mr. Charlton for a zonal UDR results calculated during the best consecutive 4 hours. Mr. Charlton provided the group a spreadsheet with the zonal UCAPs for SCRs. After the group examined the results decided to apply the calculated zonal UCAP/ICAP ratio or SCRs availability to adjust the estimated 2008 SCRs performance. Mr. Charlton clarified that there were additional SCRs that performed during the peak hours but were not in the UCAP calculation because they did not participate for the full 4 hours.

Mr. Carlos Villalba asked Mr. Charlton if there was a specific date when summer registration of SCRs peak to use this number for the following year IRM Study. Mr. Charlton answered saying that the Price Response Load Working Group (PRLWG) has monthly registration statistics and that it would take couple of weeks to process the information to make it available to the ICS members every year. Mr. Dahl noticed that in Zone K's SCRs the Holtsville and Shoreham units adding 103 MW called by LIPA Mobile Generating Units (MGU) were included in the 2008 SCRs. LIPA plans to retire the MGU at the end of 2007 and therefore will not be in service for summer 2008.

3. Hydro Units Performance

Mr. Greg Drake and Mr. Charlton displayed to the group last year's Run-Of-River hydroelectric units' performance and after the group reviewed the revised data that revealed almost 63% availability, it was confirmed that the 45% availability used in previous IRM Studies was still representative of the Run-of-River performance when droughts are also taken into consideration.

4. NYCA Transmission Model

Mr. Bill Lamanna expressed for the first time in ICS a concern with simultaneous import capabilities of Zone J from Zone K and PJM. This issue is being discussed with Con Edison Transmission Planning and after is resolved Mr. Lamanna would finalize the report on the Zone I to Zone J transfer limit increase. Mr. Lamanna also explained to ICS members one more time the reasons for the I to J interface limit increase. Mr. Dahl intends to add this report to the package that will be submitted to the EC after August 1st.

5. Astoria West modeling test

Mr. Drake Mr. Lamanna started by explaining the setup of the model to capture the effect of not being able to run all units connected to Astoria West substation in Zone J during high peak load periods because short circuit violations. Mr. Drake and Mr. Lamanna added a new area to the model, in which Mr. Drake and Mr. Lamanna placed Astoria 3, Astoria 4, Astoria 5, NYPA CC, and the NRG GTs 10-13 generating units. The area was connected to Zone J by an interface with a limit of 1590 MW that would allow the simultaneous output of Astoria 3, Astoria 4, Astoria 5, NYPA CC, and the smallest NRG GT of 19 MW. Mr. Villalba noted that using the smallest GT is not accurate since anyone of the NRG GTs could be in service. Mr. Villalba also noted that the NYPA CC plant was model as a single unit and with only two transition states. Mr. Drake added that there might be sufficient information about the unit performance to build a 7 state model.

Mr. Drake reported an increase in the LOLE of 0.003 days/year from 0.083 to 0.086. Mr. Villalba then asked Mr. Drake if it is worth to add this section to the model for such a small impact. Mr. Drake responded that there is always a need to simplify the model to speed up the results and since the model ran overnight he did not realize if there was any detriment to the IRM calculation time or its post-calculations. Mr. Milhous proposed to use this new section of the model since it was already built. Mr. Drake will review the running times and report back to the group.

6. GE Switch Settings

See Action Items closed.

7. Load Forecast Uncertainty

The new model proposed by Mr. Arthur Maniaci will be presented to the Load Forecasting Task Force (LFTF) and depending of their acceptance the model may be accepted by the ICS members to modify the load uncertainty values in the MARS database. The next LFTF meeting will be held next Tuesday, July 17th.

8. Unit Maintenance

Mr. Frank Vitale reported that the average capacity on maintenance during the summer have not changed in the last couple of years. Mr. Vitale's analysis still suggests an average of 150 MW of capacity on outage during the summer period. This calculated number does not include weekend maintenance outages. Mr. Vitale asked to the group if it was necessary to calculate the maintenance for the entire year 2008, since the LOLE occurrences recorded in the MARS model are in the summer months and not the shoulder months when the units are scheduled for long maintenance outages. The ICS members suggested that the whole year maintenance adds completeness to the study and that the MARS model is also use for other studies that rely on the maintenance of the units during the shoulder months.

9. Next Meeting

Meeting #79: August 1, 2007, 9:30am – 4:00pm.
Secretary: Carlos Villalba