

Business Issues Committee

February 15, 2000 - Albany, NY

Status on M.P. Data Requests

Jonathan Mayo
Manager - Customer Technical Services

Status Report:

- **NYISO Action Item from January 25th BIC - to determine what can be implemented by this summer and report on which data will be available through the structural improvements of the Enterprise Application Integration (EAI) projects and which data will be available through alternative approaches.**
- **NYISO met with MPs for better understanding of certain data items and redefined a few data requirements.**
- **Specifically targeted for Phase 1 implementation of EAI is the connectivity between the mainframe data and Oracle / MIS for a better long-term architecture. The EAI Phase 1 project is scheduled for June 1, but the technology is new for the NYISO and some risk is involved.**
- **Priorities of alternative posting approaches will be determined by level of complexity of each work plans (Also, other data request are also being made from BAWG).**

Status of posting BIC Data Items:

1a : Internal Transmission Interface Limits.

1b : Internal Transmission Interface Flows.

2a : External Transmission Interface Limits.

2b : External Transmission Interface Flows.

- **Posting of Day Ahead limits & flows complete.**
- **Real-time limits part of EAI Phase 1.**
- **Real-time flows are present in the MIS. Work plan needed for posting this data (Query from MIS).**
- **Five minute values will be substituted for the requested time weighted average hourly values.**

Status of posting BIC Data Items:

3a : Phase Angle Regulator (PAR) Schedules.

- Day Ahead PAR schedules exist as part of the Day Ahead Operating Plan.
- Work plan needed for posting data (scripts/queries).
- Real-time schedules do not exist.

3b : Phase Angle Regulator (PAR) Flows.

- Day Ahead flows do not exist.
- Real-time PAR flows exist as part of the BME system.
- Work plan needed for posting data (scripts/queries).

Status of posting BIC Data Items:

4a : Transmission Line Scheduled Outages.

4b : Transmission Line Actual Outages.

- **The Day Ahead scheduled and actual outages exists on the SCUC and BME systems.**
- **Work plan needed for posting data (scripts/queries).**

5 : Bid Production Cost Guarantees.

- **Completed.**

6 : Reserve Provider Lost Opportunity Cost Payment.

- **Completed.**

Status of posting BIC Data Items:

7a : Bulk Power System Voltage Limits.

7b : Bulk Power System Actual Voltages.

- **Seasonal voltage limits will be posted by Planning department instead of the requested time weighted hourly average.**
- **Actual voltage levels will be part of EAI Phase 1. Top of the hour actual levels will be provided instead of the requested time weighted hourly average.**

Status of posting BIC Data Items:

8a : Zonal Forecast Loads.

8b : Zonal Actual Loads.

- **Forecasts in the MIS, Actual loads on mainframe.**
- **Work plan needed for posting data (scripts/queries).**
- **Actuals are important & require considerable effort.**
- **Weekly posting started (Zones J&K combined).**
- **External loads will not be posted**

9 : Zonal Bid Loads.

- **Information in the MIS.**
- **Work plan needed for posting data (queries).**

Status of posting BIC Data Items:

10a : Zonal Supplier Capacity Forecast Outages.

10b : Zonal Supplier Actual Capacity.

- **More information is required about this data item before an appropriate action plan can be established.**

11 : Limiting Constraints.

- **Day Ahead limiting constraints in SCUC system.**
- **Work plan needed for posting data (scripts/queries).**
- **Real-time limits will be part of EAI - Phase 1.**

Status of posting BIC Data Items:

12 : Real-time events.

- **Major emergency notification capability is being implemented through existing tools to post dispatcher notices. This function will not be automated; will be part of new website design.**
- **Reserve Pick-up notification is already automated as part of the MIS.**
- **Thunderstorm alert notification is being automated as part of new software to facilitate automated mitigation during severe weather conditions (scheduled implementation date is February 27th, 2001).**