BIC Data Posting - Implementation Status 6/19/01

ID	Category	Basic Minimum	Desired	Clarification	Implementation Approach	Expected Delivery Date	Notes
1a	NYCA Internal Transmission Interface Limits	Central-East - Hourly Limits in SCUC and Time-Weighted Average Hourly Limits in SCD both posted at least Day-After or sooner.	All Major Internal Interfaces - Hourly Limits in SCUC posted Day-Before at 11 am; and both Interval and Time-Weighted Average Hourly Limits in SCD posted in Real-Time and Hour-After respectively.	1. DAM interface limits. 2. Interface limits used for each SCD execution.	1. DAM : Complete 2. RT : EAI	1. Complete 2. September	
1b	NYCA Internal Transmission Interface Flows	Central-East - Hourly Flows in SCUC and Time-Weighted Average Hourly Flows in SCD both posted at least Day-After or sooner.	All Major Internal Interfaces - Hourly Flows in SCUC posted Day-Before at 11 am; and both Interval and Time-Weighted Average Hourly Actual Flows posted in Real-Time and Hour-After respectively.	1. DAM interface flows. 2. Interface flows used by each SCD execution.	1. DAM : Complete 2. RT : EAI	1. Complete 2. September	Real-time internal interface flow data exists in the MIS.
2a	NYCA External Transmission Interface Limits	OH, HQ, PJM and NE Interfaces - Hourly Limits in SCUC and Time-Weighted Average Hourly Limits in SCD both posted at least Day-After or sooner.	OH, HQ, PJM and NE Interfaces - Hourly Limits in SCUC posted Day-Before at 11 am; and both Interval and Time-Weighted Average Hourly Limits in SCD posted in Real-Time and Hour-After respectively.	1. DAM interface limits. 2. Interface limits used for each SCD execution.	1. DAM : Complete 2. RT : EAI	1. Complete 2. Complete	
2b	NYCA External Transmission Interface Flows	OH, HQ, PJM and NE Interfaces - Hourly Flows in SCUC and Time-Weighted Average Hourly Flows in SCD both posted at least Day-After or sooner.	OH, HQ, PJM and NE Interfaces - Hourly Flows in SCUC posted Day-Before at 11 am; and both Interval and Time-Weighted Average Hourly Actual Flows posted in Real-Time and Hour-After respectively.	1. DAM interface flows. 2. Interface flows used by each SCD execution.	1. DAM : Complete 2. RT : EAI	1. Complete 2. Complete	
3a	Phase Angle Regulator (PAR) Schedules	PJM-SENY A,B,C,J,K and Branchburg-Ramapo PARs - Hourly Schedules in SCUC and Time-Weighted Average Hourly Schedules in SCD both posted at least Day-After or sooner.	All External Tie PARs and Inghams PAR - Hourly Schedules in SCUC posted Day-Before at 11 am; and both Interval and Time-Weighted Average Hourly Schedules in SCD posted in Real-Time and Hour-After respectively.	1. PAR schedules used for SCUC. 2. Do not exist for SCD.	1. DAM : Develop script and query to extract data from SCUC and post.	1. July	Data exists in Day Ahead Operating Plan.

ID	Category	Basic Minimum	Desired	Clarification	Implementation Approach	Expected Delivery Date	Notes
3b	Phase Angle Regulator (PAR) Flows	PJM-SENY A,B,C,J,K and Branchburg-Ramapo PARs - Hourly Flows in SCUC and Time-Weighted Average Hourly Flows in SCD both posted at least Day-After or sooner	All External Tie PARs and Inghams PAR - Hourly Flows in SCUC posted Day-Before at 11 am; and both Interval and Time-Weighted Average Hourly Actual Flows posted in Real-Time and Hour-After respectively	1. PAR flows solved in SCUC. 2. PAR flows used by SCD.	1. RT : EAI	1. Complete	
4a	Bulk Power System Transmission Line Scheduled Outages	A-1 and A-2 Facilities that impact Transmission Interface Limits - Hourly Scheduled Outages in SCUC posted at least Day-After or sooner.	A-1 and A-2 Facilities that impact Transmission Interface Limits - Hourly Scheduled Outages in SCUC posted Day-Before at 11 am.	1. Outages scheduled for SCUC. 2. Outages scheduled for SCD.	1. DAM : Develop script and query to extract SCUC outage file and post. 2. RT : Develop script and query to extract SCUC outage file and post.	1. August 2. August	
4b	Bulk Power System Transmission Line Actual Outages	A-1 and A-2 Facilities that impact Transmission Interface Limits - Actual Outages (and Actual Cessation of Outages) on an Interval Basis posted at least Day-After or sooner.	A-1 and A-2 Facilities that impact Transmission Interface Limits - Actual Outages (and Actual Cessation of Outages) on an Interval Basis posted in Real-Time.	1. Actual Outages for SCUC. 2. Actual Outages for SCD.	1. DAM : Develop script and query to extract SCUC outage file and post. 2. RT : Develop script and query to extract SCUC outage file and post.	1. August 2. August	
5	Bid Production Cost Guarantees (BPCGs)	Total NYISO Daily BPCGs paid on a Day-Ahead basis and Real-Time basis each posted separately at least Day-After or sooner.	Total NYISO Daily BPCGs paid on a Day-Ahead basis posted Day-Ahead at 11 am, and paid on a Real-Time basis posted separately one Day-After.			Complete	
6	Operating Reserve Provider Lost Opportunity Cost (LOC) Payments	Total NYISO Daily LOCs paid to Operating Reserve providers on a Day-Ahead basis and Real-Time basis each posted separately at least Day-After or sooner.	Total NYISO Daily LOCs paid to Operating Reserve providers on a Day-Ahead basis posted Day-Ahead at 11 am, and paid on a Real-Time basis posted separately one Day-After.			Complete	

ID	Category	Basic Minimum	Desired	Clarification	Implementation Approach	Expected Delivery Date	Notes
7a	Bulk Power System Voltage Limits	New Scotland 345 kV Bus - Time-Weighted Average Hourly Pre-Contingency Voltage Limits posted at least Day-After or sooner.	Voltage Critical NYCA Bulk Power System Buses - Interval and Time-Weighted Average Hourly Pre-Contingency Voltage Limits posted in Real-Time and Hour-After respectively.	Voltage limit used by each SCD execution.	Static voltage limits will be posted and adjusted as required (e.g. seasonally).	1. October	
7b	Bulk Power System Actual Voltages	New Scotland 345 kV Bus - Time-Weighted Average Hourly Actual Voltages posted at least Day-After or sooner.	Voltage Critical NYCA Bulk Power System Buses - Interval and Time-Weighted Average Hourly Actual Voltages posted in Real-Time and Hour-After respectively.	Actual voltages used by each SCD execution.	1. RT : EAI	1. October	Voltage limits values will be posted with values used by SCD for the top of each hour.
8a	Zonal Forecast Loads	Day-Ahead Forecast Hourly Loads used in SCUC individually for each Internal Zone (A-K) and each External Zone (M-P) posted Day-Before at 11 am.	Same as Basic Minimum.	DAM zonal load forecast used by SCUC.	1. DAM : Develop query to extract data from MIS.	1. Complete	
8b	Zonal Actual Loads	Actual Time-Weighted Average Hourly Loads individually for each Internal Zone (A-K) and each External Zone (M-P) posted at least Day-After or sooner.	Both Interval and Time-Weighted Average Hourly Loads individually for each Internal Zone (A-K) and each External Zone (M-P) posted in Real-Time and Hour-After respectively.	The SCD interval integrated zonal load. (If SCD interval not possible by Summer, will take hourly integrated zonal load).	1. RT : Develop program, script, and query to transfer 5 minute zonal loads from real-time system to MIS and post. Requires changes to DEX / PTS 5 minute energy header.	1. Complete	
9	Zonal Bid Loads	Day-Ahead Bid Loads grouped as follows: Composite of Internal and External Zones West of Total East (i.e., Zones A-E and OH/HQ/PJM Zones O, M and P) and Composite of Internal and External Zones East of Total East (i.e., Zones F-K and NE Zone N) posted a Day-After or sooner, but no sooner than Hour-After.	Day-Ahead Composite Bid Loads individually for each Internal Zone (A-K) and each External Zone (M-P) posted Day-After or sooner, but no sooner than Hour-After.		1. DAM : Develop query to extract data from MIS.	1. June	Data exists in MIS.

ID	Category	Basic Minimum	Desired	Clarification	Implementation Approach	Expected Delivery Date	Notes
10a	Zonal Supplier Capacity Forecast Outages	Hourly Scheduled ICAP Planned Maintenance Outages posted one month ahead, one week ahead, and two Days-Ahead posted by 11 am; and corresponding Outages used in SCUC posted at least a Day-After or sooner grouped as follows: Composite of Internal and External Zones West of Total East (i.e., Zones A-E and OH/HQ/PJM Zones O, M and P) and Composite of Internal and External Zones East of Total East (i.e., Zones F-K and NE Zone N).	Hourly Scheduled ICAP Planned Maintenance Outages posted one month ahead, one week ahead, and two Days-Ahead posted by 11 am; and corresponding Outages used in SCUC posted by 11 am Day-Before individually for each Internal Zone (A-K) and each External Zone (M-P).		More information / explanation required to fully develop implementation approach.	1. TBD	
10b	Zonal Supplier Actual Capacity	NY ICAP Supplier Capacity on record updated as needed, and Actual Real-Time ICAP Supplier Unavailable Capacity broken down by (1) Planned Maintenance Outages; (2) Scheduled Outages; and (3) Forced Outages (Full and Partial) on a Time-Weighted Average Hourly basis posted at least a Day-After or sooner grouped as follows: Composite of Internal and External Zones West of Total East (i.e., Zones A-E and OH/HQ/PJM Zones O, M and P) and Composite of Internal and External Zones East of Total East (i.e., Zones F-K and NE Zone N).	NY ICAP Supplier Capacity on record updated as needed, and Actual Real-Time ICAP Supplier Unavailable Capacity broken down by (1) Planned Maintenance Outages; (2) Scheduled Outages; and (3) Forced Outages (Full and Partial) on both an Interval and a Time-Weighted Average Hourly basis posted in Real-Time and Hour-After respectively individually for each Internal Zone (A-K) and each External Zone (M-P).		More information / explanation required to fully develop implementation approach.	1. TBD	
11	Limiting Constraints	Constraints causing system congestion - Day-Ahead Hourly constraints in SCUC, and Real-Time constraints for each interval in SCD both posted at least Day-After or sooner.	Constraints causing system congestion - Day-Ahead Hourly constraints in SCUC posted Day-Before at 11 AM, and Real-Time constraints for each interval in SCD posted in Real-Time.	1. The active constraint determined by SCUC. 2. The active constraints that SCD is using for its solution.	1. DAM : Develop script and query to extract SCUC constraint file and post. 2. RT : EAI	1. August 2. Complete	

ID	Category	Basic Minimum	Desired	Clarification	Implementation Approach	Expected Delivery Date	Notes
12	Real-Time Events	Notification when: (a) a Major Emergency occurs; (b) a Reserve Pickup occurs; and (c) a Thunderstorm Alert occurs all posted in Real-Time.	Same as Basic Minimum	Alarms for State changes, reserve pick-ups, Thunder Storm Watch and any load reduction schemes when activated.	1. Emergency : Operations log entry 2. RPU : Complete 3.T-Storm : Severe weather program	1. Complete 2. Complete 3. Complete Automation - Complete	