

Market Improvement Project Summary

Prepared for Management Committee Meeting April 5, 2000

Active Projects:

WBS #	Project	X Ref	Priority	ID Description	Due Date
8.1.X	B&A Software Improvements	A01	H	Billing & Accounting software function performance improvement	6/1/00
		A13	H	Method to provide MwHr data from TO to the gen's	
		A33	TIE	Supply actual base points sent to generators with billing detail	
8.3	Environmental Disclosure Project – Supply market data to NYPSC	A09	L	Environmental Disclosure project – supply market data to NYPSC	4/30/01
		F01	L	ISO provide NYPSC with sources & quantities of energy used by each LSE to support NYPSC requirement LSEs disclose environmental characteristics of energy they are supplying	
8.5.X	GT Enhancements:				
8.5.2	Accounting for NOx Emission	A37	H	Changes scheduling & dispatch programs to account for daily NOx emission restrictions on in City GTs during summer operation	4/30/00
8.5.3	Modify SCD to Allow Separate Startup bids for CT's not scheduled	E38	H	ISO modify SCD to allow separate startup bids for GTs	4/30/00
8.5.4	Modify SCD for Short Startup Time Resources	E45	H	ISO modify SCD to handle short startup time resources (problem with SCD only seeing 5 min. horizon). 1. GT start/stop operations, 2. Correct management of start/min run/ min down times, 3. Handle in hour off-dispatch unit schedule changes	4/30/00
8.5.6	Unbundling Grouped GT's	A41		Unbundling GT's	Meeting with owners & ConEd by 4/30 Tasks to be defined
8.19.2	Gilboa Modeling Enhancement	A34	H	Modify Gilboa modeling	3/31/00
8.19.2	Niagra pump modeling Enhancement	A35	TBD	Model negative generation to accomm Niagra pumping later this year. Gilboa modeling enhancements 1. Flex w/ Bid options for Gen energy & Anc. Svcs, 3. Reserve while pumping	Definition 3/24/00 Implementation to be determined
8.20	Market Liquidity – Streets & Highways	E47	TBD	Market liquidity. Streets & Highways proposal – a TCC decomposition methodology to be used on an optional basis. I.E. bidders for TCCs could indicate that they did not want their awarded TCCs decomposed. Unbundling of TCCs awarded in auction.	To be specified & implemented by 10/31/00
8.21	Data Warehousing	A12	TBD	Data Warehousing and Retrieval – for Reporting, Mkt analysis, Billing/billing reconstruct, testing, training, others?	Assess Options 3/31/00 Implementation Plan 4/28/00 Installation to be determined
8.22	Curtailment Messages	A19	M	Transaction curtailment – messages should clarify status of import and export transactions as still financially binding in NY. Improved BME notification.	9/29/00
		E39	M	ISO provided internet software to support information exchange with Market Participants independent of MIS (for auctions, load forecast methodologies, ICAP.)	
8.23	Decremental Bid Curves for Ext. Gens	A18	TBD	Implement decremental bid curves for external transactions.	Planning 6/1-6/30/00 Implementation to be determined
8.24	Must Run Units in Scheduling &	E18	M	BIC investigate incorporating proc to directly handle must run units scheduling and dispatch programs	Request Clarification 4/3/00 Implementation to be determined

	Dispatch Program				
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	SCUC/SCD				
8.6	Bench Marking Planning Implementation				By 5/1/00
8.12	“Out of Merit” display	A30	H	“Out of Merit” Display, Real time Status Mgt	Completed
8.13	End State AGC	A31	M	End-State AGC Implementation	Action with completion by 11/15
8.14	Bid Production Cost Guarantee for existing LBMP Suppliers	A38	H	Scheduling externals to forecast load at bid load prices	Active thru 4/14
8.16X	BME/RT Schedule & Price, Moderate Consequences of Inconsistencies	A17 A40	H H	Benchmarking of SCUC/SCD-Comparison of results BME v/s RT Scheduling and prices. Moderate consequences of inconsistency between RT & BME. See J. Reese 1/18/00 email.	Research 3/31/00 Specify Tasks & Schedules 4/18/00 Implementation to be determined Purpa Hour & Schedule task definition 4/7/00
8.25	Examine Critical Path Items for ISO to Accommodate Retail Access	E23	L	BIC examine what critical path items for ISO to accommodate expanding retail access	Refine Task Definition w/BIC 8/1/00 Task & Schedule to be determined
8.26	Implement Interruptible Loads as Dispatchable Loads	E42	H	BIC develop methods to implement use of interruptible loads- as dispatchable load	Task & Schedule to be determined
8.8	ISO Hubs	A22 E24	H H	ISO Hubs implementation BIC examine potential creation of trading hubs. LBMP software not flexible enough to accommodate variety of transactions generators, marketers, & loads may want. Put to Hubs	Detailed Issues list By 3/15/00 BIC review By 4/14/00 Implementation To be defined & scheduled
8.9	E-Schedules	A23	H	ISO eSchedules implementation	Evaluate e-schedule package 3/15/00 Review Fit w/ NYISO System 3/23/00 Implementation tasks to be determined
3.X	6 Month Requirements				
3.1	Feasibility Study & Cost of Transmission Bidding	B07	Hr	ISO study feasibility & cost for SW changes & tariff to accom transmission bidding in consultation with stakeholders & report to FERC	5/18/00
3.2-3.5	ISO Release Info	B10 D02 B15 B20 B34	Hr Hr Hr Hr Hr	ISO release info on individual energy bids to the public- not require names of bidders but must be able to track individual bidders bids over time ISO make public energy, capacity, and ancillary services markets' & TCC bid info ISO release ancillary services market bids to public- not require names of bidders but must be able to track individual bidders bids over time ISO release info on individual TCC bids tot he public- not require names of bidders but must be able to track individual bidders bids over time ISO release LSE bids to the public – not require names of bidders, but must be able to track individual bidders bids over time	5/18/00
9.3.2	File FERC 714	G02	H	ISO file FERC form 714	Not scheduled, due 6/1/00

WBS #	Project	X Ref	Priority	ID Description	Due Date
	Not Yet Scheduled will Compete for Market Improvement Resources:				
8.27	Internet Based ICAP Auction Tools	A42 E39	M	Internet ACAP auction bid tools ISO provide internet software to support information exchange with Market Participants independent of MIS (for auctions, load forecast methodologies, ICAP.)	Not scheduled
10.X	2 Year Requirements				
10.1	Evaluate Marginal Loss prices	B02	L	ISO evaluate how marginal losses pricing works in practice & consider (with stakeholders) if there is a better method	For 2/11/01 Filing Begin 10/1/00
10.2	Study Bid & Dispatch Under Storm Watch Conditions	B11	L	ISO study bidding & dispatch under storm watch conditions & provide analysis of present method & possible options	Begin 10/1/00 Due 2/11/01
10.3X	Ancillary Services – FERC Report	B13 B14 E06 E15	L L L L	ISO evaluate option of using external resources for regulation & spinning reserve, include evaluation & recommendations in report on ancillary services markets (see next) ISO submit evaluation of ancillary services markets Mc prepare 1 st year market evaluation report (MC list refers to 7/28/99 order-think is error) BIC prepare an evaluation of ancillary service markets, collaborate with OC.	Begin 10/1/00 Due 2/11/01
10.4	Evaluate TCE Reconfiguring Auction	B21	L	ISO include analysis & recommendations for TCC reconfiguration auction (monthly vs 6 mo. Outside the auction) in report due one year after operations begin	Begin 10/1/00 Due 2/11/01
TBD	Post Subzone Load & Loss Data Used in Retail Access Billing	A04	TBD	Post Subzone load & loss data used in Retail Access billing	Not scheduled
TBD	Post Summary DAM Data	A26	H	Post summary DAM data for total bid load, Forecast load, transactions as still financially binding in NY. Improved BME notification needed	Not scheduled
TBD	Nodal Pricing/State Estimation	A36 B08 E09	L Hr L	Establish plan to move Nodal pricing (State estimation integration) ISO submit to FERC a plan for installation of metering equipment to implement nodal pricing proposed by Tos OC work w/ ISO staff to develop timeline & process for installation of metering required to implement nodal pricing	Not scheduled