

NYISO Issues Mangement List

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#	Group Description	Issue ID	A Issue Description	B Issue Description	C Issue Description	Not Prioritized Issue Description
0	Virtual Bidding & Hubs	040401a 031301h	Virtual Load and Generation Bidding	Seams Issue # 8 Trading Hubs - Establish trading hubs to provide locations that would facilitate and enhance trading activity in the New York Market.		
1	Generation Supplier Issues	040201a 040201h 040201b 040201e 040201f 040201g 040201i 040201j 040201d	Investigate alternatives to allow for the recognition of minimum run times which extend past the end of the day. Continue to evaluate causes of out of merit generation and recommend any modifications which could reduce the need for OOM.	Investigate and make recommendations on how to incorporate LRR in the bid load pass to eliminate incremental MWs to reduce over commitment of units. Investigate and make recommendation to allow for more flexible scheduling of DMNC tests. Investigate and recommend changes required to allow for more flexible bidding of GTs. More than two bid points for LIPA GT's Evaluate the treatment of minimum down time in the SCUC process and make recommendations for any required modifications. Investigate the use of minimum downtime parameters by SCD and make recommendations for any required changes. Investigate the use of maximum starts parameters by SCD and make recommendations for any required changes.	Develop an action plan that addresses the environmental limitations in NYC and Long Island	
3	Price Responsive Load	040501b	Demand Side Response Programs Evaluation			

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5	Address Scheduling Process Inconsistencies	A40	Schedule and dispatch design analysis - Originally known as BME v/s RT Scheduling and prices, this project is an extension of the BME/RT work done in 2000 and 2001 to conduct an analysis of the design of SCUC, BME and Security Constrained Dispatch (SCD) and make change recommendations to correct for shortcomings revealed by the first 18 months of operation. - Implement a process for GT start up costs use in evaluation for HAM and Real Time markets			
		F59	NERC Tagging Process - Define NYISO role in new NERC tagging process and assure compliance or identify potential non-compliance.			
		F96	Bulk Power System Event Tracker Project - Produce an Integrated Database that unites Generator Scheduled information, forced outage information and transmission outage information. (Phase II from Group 1 Outage Scheduler Updates) - Investigate and make recommendations to allow reporting of derates / outages directly to the NYISO			
		031401a			Full 3rd settlement analysis - Evaluate and report on the desirability, and implementation options for providing 3 complete settlements for the NY markets. Analysis should be coordinated with project A40 (schedule and dispatch re-design) and should address regional trading implications of regional ISO's with varying numbers of market settlements.	
		E12			OC examine treatment of resources with outputs in increments of less than 1 MW and report on recommended changes required to accommodate MP bids of less than 1 MW	
		F92			BME /SCUC fix required for managing HQ proxy separation more effectively - When HQ connection is down for service but HQ schedules transactions that can't physically happen, SCUC reconfigures the system to reattach the isolated bus.	
6	Multi-hour Block Transactions	E54a	Develop process to accommodate multiple external schedule modifications within each hour (Multi-Hour Block Transactions)			

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7	Reserve Market Studies and Process Modifications	K08	Develop & implement methodology to permit 30 minute NSR resources to supply that portion of their total capability which is capable of loading on 10 min notice as 10 minute NSR				
		1016					Develop methods to use demand side resources for reserves.
		E53					Establish requirements for external 30 minute reserves participation in the NYISO market
		K03a					Study proposal to provide self-supply capability for western reserve suppliers by reserving transmission capacity
		K03b					Study proposal to provide simultaneous optimization of transmission for energy and reserves
		K10					ISO Staff and committees to develop a plan to implement multi-settlement system for reserves

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8	Inter-Control Area Seams Issues	031301a	Seams Issues #1 Checkout - Define processes that will minimize transaction failures due to missing or mismatched data. (CIT - Common Interface Tool)			
		031301b	Seams Issue #2 - Ramping - Allow multiple schedule changes per hour, Neighboring ISOs should use compatible Ramp Rates for Common interfaces. Note: remember to consider Gilboa and similar issues			
		031301c	Seams Issue # 3 Transaction Scheduling - Define a single system for managing inter-ISO transactions and allocating interface transfer capability.			
		031301d	Seams Issues # 4 Transaction Curtailment - Develop procedures to minimize transaction curtailment by adding counter-flow transactions when possible to solve a constraint. Coordination with neighboring control area is required. Evaluate curtailment notification via phone.			
		031301e	Seams Issues # 5 ATC/TTC - Post TTC, ATC and TRM. Coordination and consistency with neighboring control areas is required.			
		031501c	ADI - ACE Diversity Interchange Software Development			
		040201n	Define & implement a ramp management system for external transactions. Coordination with neighboring control areas is required. Includes capability to pre-schedule firm transmissions.			
		031301f		Seams Issue #6 Capacity Market - There is a desire to develop consistent products, rules and requirements so that providers of capacity are held to the same level of responsibility across ISO markets. Longer term alternatives should be considered as energy markets evolve.		
		031301g			Seams Issues # 7 ICAP Recall - Establish a process that enables parties to import/export capacity, ensures that recalled energy is appropriately compensated, and that anticipated capacity shortages are communicated to neighboring control areas.	
		040201i			Define and implement TCC Options for the monthly TCC reconfiguration auctions.	
		040201m			Develop and implement rules for pricing energy scheduled to flow over controllable lines.	
10	Posting & Logging	F37	Phase II - Posting of additional data requirements as defined by BIC			

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11	BIC Actions	A518	Implement the ability for Transmission Owners (TO) to discount, on a non-discriminatory basis, their Transmission Service Charges (TSC) individually on a Control Area interface basis and provide support of on line negotiations of TSC rates.	Review and update of MP manuals (Ancillary Services, Backup Dispatch System, outage Scheduling, Transmission Services, Reliability Assessment, Transmission Expansion and Interconnection, Bid to Bill Examples, Control Center Requirements, Definitions, M		
		1012				
12	Transmission Planning	031201x	PSC request NYISO conduct additional transmission studies to determine whether transfer capacity between New York and Neighboring ISOs can be improved.			
		1013	Transmission Reliability Study			
		E60	Reactive Resource Adequacy Study including; Review of reactive representations in NYISO power flow studies, review of coordination of NYISO and TO voltage/reactive operating rules and procedures, and evaluation of reactive resources at the statewide and l			
		F79	Development of a Transmission Expansion Planning Process			
13	TCC Issues	031501a	Software to Automate the TCC Auction Process			
		E27	BIC, OC, ISO examine ways to prevent/deal with unforeseen Optimal Power Flow unfeasibility in the TCC auction which can't be handled through OATT Attachment M ETCNL reduction technique			
		E40	ISO provide new / enhanced Optimal Power Flow optimization model for end-state TCC Auction. (Software to run end state TCC Auction)			

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15	Billing & Settlements	031201b	Modify the calculation of the sub zone loads which are inclusive of Consolidated Edison TO districts to account for expected meter error based on high through flows. Calculation will include all Coned TO load with the Dunwoodie and Millwood sub zones being extracted based on reported load.			
		A13	Working with the BAWG modify data access tools and information provided to Market Participants. Project Covers: Format change to invoice Creation of centralized invoicing system Provision of data availability for 2 yr. Min			
		1010		PJM Overuse - development of Billing and Auditing capability		
21	Market Improvements	040301a	Software related to the identification of ICAP backed transactions and their treatment in the curtailment process			
		040401e	Inter ISO Congestion Management			
		031501b		Software to automate ICAP Process, develop web enabled interface to facilitate online bidding, logging, bid validation and posting in support of the ICAP auction process.		
		1007			Review situation where CT starts at mitigated price and minimum run time extends operation into unmitigated prices (tariff filling required)	
		E39				ISO provide internet software to support information exchange with Market Participants independent of MIS (for auctions, load forecast methodologies, ICAP..)
22	Security	F57	State Estimator - Draft an implementation Plan for the state estimator. Plan to include SE use as a security tool by ISO dispatchers, integration of SE in market systems and migration to nodal pricing.			
		1014			Creation of NYSIO Short Circuit Database	
23	Market Reports	E20		BIC request Market Advisor & Market Monitor issue report of whether or not bidding protocols for load & generators in multi-step commitment process produces results that create unfair financial advantage to load.		

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26	NERC NPCC	1009	Common Power System Modeling Project - to enable provision of the breaker oriented network model of system in CIM XML format for use by other control areas as part of NERC Security Coordinator obligation			
27	Audit	040201o 1015	Conduct a SAS 70 type 1 audit Schedule and conduct a SAS 70 pre-audit review			

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28	NYISO IT Internal System Improvements	031201c	Develop a consolidated disaster recovery plan, including procedures required to activate an alternate control center which can support as a minimum, but not limited to, the market interface, EMS reliability system, the day ahead market and the support systems of billing and MMU			
		031201d	Web refresh Project, to enhance the current NYISO WEB public and private interfaces.			
		031201e	Billing System Redesign, evaluate the database and data access processes and implement changes required to improve billing system execution performance.			
		031201f	Data Warehouse/tools - develop system and tool sets that will allow NYISO departments and MP's to access the NYISO data bases resulting in the access of large amounts of data and data items not currently available in a convenient manner.			
		031201h	EAI Implementation (Phase 1), plan and select the infrastructure required to support the enterprise applications interface initiatives. The EAI provides for a common data bus and data access tools required to support inter subsystem data exchange.			
		031201i	EAI Implementation (Phase II), Expand the number of sub systems supported and interfaces required to meet the data warehouse objectives.			
		031201j	Spider System Upgrade, Complete upgrades to the ABB Spider architecture to bring the system up to current release levels.			
		031201k	EMS Replacement (KEMA), analyze the current EMS and develop a migration plan to upgrade the systems to meet future real time system requirements.			
		031201l	MIS test Site for Market Participants, provide a test site that can be accessed by MP's so that they can test data exchange modifications and to allow training of MP users in the use of the MIS.			
		031201m	DTS Enhancements, implement upgrades to the training simulation system so that it can simulate the new market interfaces and market applications. System enhancements required to meet current simulation criteria to meet all training needs.			
		031201o	Content Management System, develop a system to track all document changes and to interface with the NYISO WEB so that all documents are updated in a timely manner.			
		1008	a. Develop the functional specifications for a Voting application that is not a spreadsheet application but a closed stand-alone software program.			

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28	NYISO IT Internal System Improvements	1011	Spectrographics Replacement , investigate and implement replacement system for the dispatcher MMI. Current hardware is aging and no longer in production .			
		031201g		CRM / Helpdesk / Defect Tracking Implementation, develop an online customer interface to record and track all requests for IT service and Customer Relations inquiries. Includes a system to record and track progress on defects found in S/W or H/W systems.		
		031201p			Turbo SDAC Upgrade, implement H/W and operating system upgrades to bring the SDAC system up to current supported release and H/W levels.	
		031201q			Network Based Fax Capability, implement S/W and communications required to accommodate fax capabilities from the desktop.	
29	Regulatory Dictated Project Regulatory Schedules are Dictated by FERC Orders and Other Statutory Requirements	B03x	ISO revise funding mechanism to allocate costs for non-transmission services to parties that benefit from those services			
		B04x	ISO adopt billing procedure for TO's showing development of charges under NYISO Tariffs			
		B07	ISO study feasibility & cost for SW changes & tariff to accom transmission bidding in consultation with stakeholders & report to FERC.			
		B17x	ISO explicitly define performance index associated with regulation service			
		B32x	ISO report magnitude of minimum generation & start-up costs & explore in report alternative ways to allocate those costs			
		B39x	ISO post on OASIS ATC & TTC for paths into, through, & out of the ISO			
		C02x	ISO make informational filing describing operation of TSC formula in Attachment H of OATT			

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30	Regional Markets	040401d	Regional Reserves and Regulation Market			
		040501a	ISO Convergence - A study to analyze conforming markets in the NorthEast			
		A23			ISO eSchedules implementation: either obtain PJM's eSchedules for NY Implementation or develop own retaining similar look and feel as eSchedules. LBMP software not flexible enough to accommodate variety of transactions generators, marketers, & loads may w	