

## NYISO Technical Bulletins

<b>TB #</b>	<b>Title</b>	<b>Version</b>
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1	<b>Applying for a Digital Certificate</b>	3/19/03
2	<b>Checking for Valid Certificates</b> see TB 1.	retired 03/29/01
3	<b>Export/Import Certificates</b> see TB 1.	retired 03/29/01
4	<b>Billing Organization Changes</b> see the Market Participant User's Guide (MPUG), p 6-34.	retired 10/30/01
5	<b>MIS Transactions with Zero Megawatts</b>	11/10/04
6	<b>Load Forecasts For Facilities in the Market Information System (MIS)</b>	12/15/07
7	<b>Price Capped Loads and their Day-Ahead Scheduling</b> , see TB69.	retired 12/2005
8	<b>Establishing a Price Capped Load Bus</b> , see TB 69, MPUG.	retired 05/23/01
9	<b>Meaning of the MIS Generator Bid Expiration Date</b>	11/10/04
11	<b>Minimum Run Times Extending Past the Commitment Period</b>	3/12/08
12	<b>Dispatchable Units' Minimum and Upper Operating Limits must be Different Values</b> , see MPUG p. 7-26.	retired 2/1/2005
13	<b>MIS Load Modeling and LSE Responsibilities</b> , see the Market Participant User's Guide	retired 6/18/2007
14	<b>Changes to Transaction Information in the Market Information System</b>	6/8/00
15	<b>Scheduling Bilateral Transactions for Pumping Gilboa</b>	retired 3/18/2008
16	<b>Rules to Provide PURPA Contract Parties, Certain Intermittent Resources and Certain Steam Turbines an Interim Deferral from Billing for Regulation Performance Penalties</b>	6/23/06
17	<b>Sign Conventions for Variables on Invoices, Statements, and Electronic Billing Information (EBI)</b> , see Customer Statements Data Dictionary	retired 6/18/2007
18	<b>Dispatch Options for Quick Start and 30 Minute Start Generators</b>	11/10/04
19	<b>Market Information System (MIS) Messages for Transactions</b>	3/28/06
20	<b>Decremental Bids for Import and Wheel Through Transactions</b>	12/14/07

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21	<b>Grandfathered Transmission Rights Transactions in the NYISO MIS</b>	10/21/99
22	<b>Calculation of Hourly Regulation Availability Payments</b> , see Rate Schedule 3 of the NYISO Market Services Tariff	retired 2/1/2005
23	<b>Schedule Changes and Ramping Off of Dispatch Units</b>	11/10/04
24	<b>Billing Adjustments Made After Close of Month</b>	retired 6/27/2007
25	<b>Updating Generator Limits Used in Real Time via Transmission Owners</b>	11/10/04
26	<b>Scheduling a "Must-Run" Generator</b>	11/10/04
27	<b>NERC Electronic Tagging under NYISO Operation</b>	12/28/06
28	<b>Generator weighting factors for zonal LBMP calculations</b>	retired 6/25/07
29	<b>Scheduling and Reporting Generator Dependable Maximum Net Capability (DMNC) Tests</b>	1/17/07
30	<b>Bidding into the NYISO Locational Based Marginal Price Market from an External Control Area</b> retired, see TB 37	retired 9/11/2007
31	<b>Minimum Generator Level Cost Determination</b>	11/10/04
32	<b>Non-Firm Bilateral Transaction Selection Process</b>	11/10/04
33	<b>Activation of Operating Reserves</b>	11/10/04
34	<b>Accounting for Station Service Load</b> , see TBs 117-122.	retired 2/1/05
35	<b>Generator Settlement Rules During Ramping</b>	10/11/05
36	<b>Day-Ahead Margin Recovery for Units with Day-Ahead Market Schedules</b>	11/10/04
37	<b>Proxy Buses</b>	9/25/07
38	<b>Transmission Service Charge Development &amp; Updating</b> retired, see Section 4 of Transmission Services Manual, & TB #39.	retired 11/6/2007
39	<b>Using Distribution Factor Tables to Estimate Transmission Charges</b>	1/7/02
40	<b>External Day-Ahead Market Transactions in the Balancing Market Evaluation</b>	9/6/06
41	<b>Changing Transaction Bids for the Current Day in the Hour-Ahead Market</b>	11/10/04
42	<b>Regulation Penalty Calculation for a Generator</b> , see Rate Schedule 3, Section 5.2 of the Market Services Tariff.	retired 7/15/03

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43	<b>Transmission Facility Outage Scheduling Requiring Local Reliability Commitment</b>	5/23/00
44	<b>Generator Outage Notification</b>	1/29/01
45	<b>Out-of-Merit Generation</b>	11/10/04
46	<b>Bidding Above ICAP Dependable Maximum Net Capability in the Day-Ahead and Real-Time Markets</b> , see Section 7.4 of the Market Participant User's Guide	retired 5-17-06
47	<b>Updating Generator Physical Parameters in the Market Information System</b>	1/29/07
48	<b>Calculation of Hourly Locational Based Marginal Pricing Rates for Billing Reconciliations</b> , see Market Services Tariff, Section 4.4	retired 2/1/2005
49	<b>Multi-Pass Methodology of Security Constrained Unit Commitment</b>	1/28/02
50	<b>Off-Dispatch Units Scheduled as On Dispatch</b> , see the Transmission and Dispatch Operations Manual.	retired 2/1/2005
51	<b>Security Constrained Unit Commitment and Balancing Market Evaluation Rules</b>	11/10/04
52	<b>Sink Price Caps for Export Transactions</b>	11/10/04
53	<b>Regulation Clearing Prices for the Day-Ahead and Real-Time Markets</b> , see the Ancillary Services Manual.	retired 2/1/2005
54	<b>Reserve Clearing Prices for Day-Ahead and Real-Time Markets</b> , see the Ancillary Services Manual.	retired 2/1/2005
55	<b>Installed Capacity Suppliers' DAM Bids in the NYISO MIS</b>	12/27/07
56	<b>Bid Caps in the Market Information System (MIS)</b>	11/10/04
57	<b>Unbundling Transmission Congestion Contracts</b>	8/31/04
58	<b>External Transaction Scheduling Messages and Curtailment Notification</b>	11/10/04
60	<b>Revisions in Transmission Owner ICAP Data Submittals</b> , see ICAP Manual, Appendix A, Att. L	retired 12/16/2005
61	<b>InterchangeScheduler Plus (IS+) And How It Is Used For Real-Time Transaction Curtailments</b>	12/7/01
62	<b>Locational Based Marginal Pricing - Meaning and Myths</b>	9/20/00
63	<b>New York Independent System Operator Market Participant Support</b>	10/3/00

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64	Changing from Daylight Savings to Standard Time	10/17/07
65	State-wide Load Forecast Used in SCUC	8/30/02
66	Calculation and Posting of ATC and TTC, as Applied to the New York Control Area (NYCA), see Section 7 of the Transmission Services Manual	retired 2/1/2005
67	Automated Mitigation Procedure for the Day-Ahead Energy Market under Revision	12/30/04
68	Temporary Reference Price Adjustment Request Process	11/10/04
69	Zonal Price Capped Load Bidding in the Day-Ahead Market	5/22/06
71	Multiple Response Rates May Be Specified For Generating Units	11/10/04
72	Bringing Units That Have Missed At Least One RTC Cycle Back On-Line After a Trip	11/10/04
73	Payment for Uninstructed Over-Generation from Off-Dispatch Generating Units, see p.20 of the Draft Accounting and Billing Manual.	retired 2/1/2005
74	Virtual Bidding in the Day-Ahead Market	9/6/01
75	Procedure To Apply For CLR or ELR Classification, retired, please see Att. M of the ICAP Manual	retired 2/4/2008
76	Energy Supplier Upper Operating Limits, retired, please see Att. M of the ICAP Manual	retired 2/4/2008
77	Generator Start-Up Cost Guarantee	11/10/04
78	Penalties for Persistent Undergeneration	11/10/04
79	Generator Commitments Due to 24-hour NOx Averaging Requirements	10/24/01
80	Locational Reserve Availability Clearing Prices	11/2/01
81	Submitting Virtual Bids in the Day-Ahead Market	3/17/05
82	Allocation of Uplift Costs to Load and Other Entities Associated with Virtual Trading	11/5/01
83	Bidding and Scheduling External Multi-Hour Block Transactions	11/10/04
84	Discounting of On & Off-Peak External Transmission Service Charge (TSC) Rates;see section 4 of the Transmission Services Manual & TB #39	retired 11/6/2007
85	Consolidated Monthly Invoice, in revision 2/28/2008	2/28/08
86	Day-Ahead Market LBMP Calculations and Multi-Hour Block Transactions (MHBT)	12/21/01

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87	Unit Response During Reserve Activation	11/10/04
88	Changing from Eastern Standard Time to Daylight Savings Time	3/4/08
89	Prescheduling of Transactions for External LBMP or Bilateral Wheel-Throughs	11/10/04
90	Submitting and Managing Preschedule Requests	2/8/07
91	Scheduling Annual Generator Reactive Capability Tests, see Section 3 of the Ancillary Services Manual	retired 6/8/2007
92	IMO / NYISO Transaction Scheduling Guidelines	11/10/04
93	Operating Reserve and Regulation Rule Changes Addressing SCUC/BME/SCD Price Convergence Issues, see Section 5 of the Draft T&D Operations Manual.	retired 2/1/2005
94	Templates for Downloading Hourly and SCD Customer Load Data, see Section 8 of the MPUG.	retired 3/20/2005
95	Real-Time Mitigation of New York City Load Pocket Prices, please see TB 67.	retired 2/1/2005
96	Delivering Inter-Control Area ICAP Energy	12/28/06
97	30-minute Reserve Availability in the Hour-Ahead Market, see Sections 5 & 6 of the Draft Transmission & Dispatch Operations Manual.	retired 2/1/2005
98	Accessing Daily Reconciliation Reports	10/30/02
99	Reserved (for future release)	
100	Applications of the NYSRC Reliability Rules, see TB #159	retired 5/25/2007
101	Template for Downloading Bilateral Transaction Data, see Section 8.3.19 of the MPUG.	retired 3/30/2005
102	MIS Tools Support Web-Based Daily Customer Statement Reports, see the MPUG and the DSS User's Guide.	retired 2/1/2005
103	Voltage Support Service – Request for Qualification, see Section 3 of the Ancillary Services Manual	retired 6/8/2007
104	Requesting a formal NYISO investigation	5/29/03
105	Creating an Open Scheduling System (OSS) Key Store, OSS was retired January 2007, see TB 149	retired 1/17/2007
106	All Transaction Bid Changes Must Be Explicitly Confirmed by the Financially Responsible Party, OSS was retired Jan. 2007, see TB 149	retired 1/17/2007
107	Upload Download Timeout Parameter	retired 4/3/2008
108	Reserve Shortage Pricing, see the Ancillary Services Manual.	retired 2/1/2005

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109	Registering for Access to the NYISO Decision Support System (DSS)	4/19/07
110	NYISO Process for Notifications of Non-Compliance with Reliability Rules, see TB #132	retired 11/6/2006
111	NYISO Monitoring of Local Reliability Rules, see TB # 159	retired 5/25/07
112	Web Based Reconciliation Queries <b>RETIRED</b> , see <b>SDX User's Guide</b>	retired 10/16/2007
115	PJM Ramp Advisory Data on NYISO's Open Scheduling System (OSS) OSS was retired January 2007, see TB #149.	retired 1/17/2007
116	New Generating Units Operating During the Start-Up Testing Phase	4/17/06
117	Station Power Metering, Data, and Program Requirements	4/29/04
118	Scheduling, and Reporting Station Power	4/29/04
119	Station Power Settlements and Calculations	4/29/04
120	Reporting, Viewing, and Updating Station Power Data through Web Based Reconciliation	4/29/04
121	Ancillary Services Charges for Third-Party Station Power Suppliers	3/8/04
122	Changes to the Consolidated Invoice Resulting from Station Power Charges and the Station Power Report	3/8/04
123	Real Time Settlement Rules at External Proxy Buses during BME Constrained Hours (Rules Formerly Applied under ECA b)	11/10/04
124	Templates for Downloading Station Power Data	3/26/04
125	Settlements for Day-Ahead Bilateral Transactions Involving Grandfathered Rights	5/7/04
126	NYISO Distribution of Resource Capacity and Reactive Power Capacity Data to the NYCA Transmission Owners	4/30/04
127	Accessing Customer Settlement Statements through the Decision Support System (DSS)	6/3/05
128	ISO Transmission Scheduling Procedure Following TO Requested Delays	5/12/04
129	Cost Allocation Class Year Eligibility Requirements	5/28/04
130	Supplemental Resource Evaluation (SRE) Commitments	11/10/04
131	NYISO Vegetation Reporting Outage Form	12/8/04

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132	Notification Letters for Non-Compliance with New York and Regional Reliability Rules/Criteria/Standards, retired	retired 1/9/08
133	Verifying Prices and Schedules Posted in the DSS to Web Postings	11/5/04
134	Generator Operating Modes and "Qualified-to-Bid" Flags for Reserve under SMD2	11/5/04
135	Transmission Loss Modeling under SMD2 Operation	12/28/04
136	Dual Upper Operating Limits in SMD2, see TB #76.	retired 2/23/05
137	Performance Tracking System (PTS)	12/28/04
138	Performance Tracking System (PTS) Settlement Determinants UNDER REVIEW	12/28/04
139	The NYISO Decision Support System (DSS) and the FERC Electric Quarterly Report (EQR)	8/22/06
140	System Protection Maintenance Compliance Reporting	3/29/05
141	Scheduling Transactions at the Proxy Generator Bus Associated with the Cross-Sound Scheduled Line	6/29/07
142	Individual Generator Audits	7/20/06
143	Importing Your Certificate into the DSS Java Plug-in Control Panel	4/28/05
144	NYISO Market Participant Review and Verification of Transmission Congestion Contracts (TCCs)	10/25/05
145	15-Minute Scheduling of Internal Generation	11/7/05
146	Unit Start-Up and Shut Down Tagging <b>REVISED</b>	<b>6/3/08</b>
147	Using the Decision Support System (DSS) Custom Automated Data Delivery (CADD)	11/9/05
148	NYISO Test Procedure for Evaluating Power Factor Requirements for Wind Generation Interconnection Projects	5/15/06
149	OSS Retirement - Impact on Financially Responsible Party (FRP) Confirmation	10/13/06
150	HQTE-NYISO Chateauguay-Massena Interconnection Operation above 1500 MW in the Real-Time Market	12/8/06
151	Import Transactions	6/5/07
152	PJM Proxy Bus Pricing and Scheduling	5/8/07
153	Process and Schedule for Finalization of Day-Ahead Congestion Shortfall Settlements	4/27/07
154	Wind Generation Interim Real-Time Bidding Rules	5/7/07

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155	Special Settlement Rules for Generators Conducting Certain Scheduled Steady-State Tests	7/18/07
156	Incremental Cost Recovery for Generating Units Responding to NYSRC Local Reliability Rule I-R3	6/3/07
157	Comprehensive Bid Management System Changes <b>REVISED</b>	<b>5/27/08</b>
158	Transactions at the New York - Hydro Quebec Interface at Chateaugay	7/23/07
159	Application of the NYSRC Reliability Rules and Local Reliability Rules	8/17/07
160	Market Participant Notification of NYISO Network Power System Model Updates	2/20/08
161	Scheduling Transactions at the Proxy Generator Bus Associated with the Northport-Norwalk Scheduled Line	6/26/07
162	Scheduling Transactions at the Proxy Generator Bus Associated with the Neptune Scheduled Line	7/10/07
163	ISO Authority to Respond to Transmission Violations on Bulk Power System Transmission Facilities	6/15/07
164	Targeted Zone J Demand Response	7/10/07
165	NERC Generator Operator (GOP) Standards Compliance	7/10/07
166	Automatic Underfrequency Load-Shedding Reporting and Compliance <b>REVISED</b>	<b>5/27/08</b>
167	Status of Transmission and Generation Protection Systems	10/10/07
168	Transmission Owner Emergency Notifications	1/16/08
169	NYISO External IP Address Changes <b>REVISED</b>	10/17/07
170	Coordination of Power Line Carrier Frequencies	11/14/07
171	Monitoring Viability of Solutions to Meet Reliability Needs - NYISO Process	12/3/07
172	Application of Disturbance Monitoring Equipment (DME) - <b>REVISED</b>	<b>4/2/08</b>
173	Settlement Automation of Ramapo PAR, Station 80, and Local Black Start/System Restoration Services.	<b>4/29/08</b>