

FINAL BILL TASK FORCE
MARKET PARTICIPANT IDENTIFIED MILESTONES TO SHORTEN THE NYISO LBMP MARKET SETTLEMENT CYCLE

Milestone	Metric	Actions Required
1 No data corrections after initial invoicing, exclusive of hourly billing quality metering.	Eliminate data corrections after initial invoicing, exclusive of hourly billing quality metering for 6 months, prior to implementing shorter settlement cycle.	<ol style="list-style-type: none"> 1. NYISO to work with joint OC-BIC task force to identify dispatch interval data smoothing & replacement methodologies 2. NYISO to administer effective data correction process consistently for at least 6 months 3. NYISO to develop & implement SMD2 performance tracking system that incorporates automated data smoothing & replacement processes.
2 Establish mechanism to address billing quality metering corrections received after final invoicing.	Reach Market consensus on wholesale metering correction cutoff and mechanism(s) to address post-cutoff metering corrections.	<ol style="list-style-type: none"> 1. NYISO to work with joint OC-BIC task force & the PSC to identify whether 4 or 6 month finals cutoff provide for finality 2. NYISO to work with joint OC-BIC task force & the PSC to identify mechanism to provide for hardened wholesale metering cutoff
3 Establish administrative process to ensure that billing quality metering accuracy is acceptable or achievable by the 4-month settlement adjustment.	Metering adequacy assessment performed indicating that the current metering infrastructure and associated administrative processes are adequate to support a shorter settlement cycle or measures implemented per recommendations from adequacy assessment prior to implementing shorter settlement cycle.	<ol style="list-style-type: none"> 1. NYISO to work with joint OC-BIC task force to assess the adequacy of the current Transmission Owner metering infrastructure and administrative process(es). 2. NYISO to work with joint OC-BIC task force to establish an ISO-administered process that provides positive confirmation of metering infrastructure accuracy and maintenance.
4 Improve completeness, visibility, and auditability of all Market settlements by performing settlement computations within the billing system [i.e. eliminate implementing settlements through manual adjustments].	<ol style="list-style-type: none"> 1. Incorporate all current Market settlement business rules within the BAS prior to implementing shorter settlement cycle. 2. Demonstrate that settlement mechanisms can be deployed at the time the associated market product is made available for at least one market enhancement prior to implementing shorter settlement cycle. 	<ol style="list-style-type: none"> 1. Incorporate all current settlement business rules within the BAS prior to implementing shorter settlement cycle via the BMSC automation projects, identified in Appendix A of this document. 2. Demonstrate that settlement mechanism can be deployed simultaneously with market mechanism for at least one market enhancement.

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<p>5</p> <p>Improve completeness, visibility, and auditability of all Market settlements by providing more effective reporting of settlement determinant data and results.</p>	<ol style="list-style-type: none"> 1. Develop a mechanism or process that provides Market Participants with sufficient details of discretionary adjustments prior to implementing shorter settlement cycle. 2. Deploy the MP identified enhancements to the Web-based Metered MWh Reconciliation process prior to implementing shorter settlement cycle. 3. Compute, store, and report the results of certain intermediate calculations of NYISO settlement business rule logic, identified in project A689, prior to implementing shorter settlement cycle. 4. Expedite the reporting of disaggregated J & K sub-zonal loads. 5. Provide for the visibility of “draft” invoice level settlement and adjustment information via the Consolidated Invoice system, prior to implementing shorter settlement cycle. 	<ol style="list-style-type: none"> 1. BAWG Billing Data & Format Task Force to work with Staff to identify an acceptable vehicle to communicate details for discretionary invoice adjustments. 2. NYISO to expedite the completion of the enhancements to the Web-based Metered MWh Reconciliation process, identified in Appendix B of this document. 3. NYISO to expedite the completion of project A689, which provides for the storage and reporting of certain intermediate settlement calculations deemed critical for auditing settlements. 4. Once approved by the NYISO Committees, NYISO to expedite the reporting of J & K sub-zonal loads, disaggregated. 5. NYISO to pursue an enhancement to the Consolidated Invoice mechanism to provide visibility of the invoice prior to issuance of the invoice.
<p>6</p> <p>Provide a “sandbox” environment for Market Participants to perform analyses with their</p>	<p>Establish an environment for MPs to gain comfort with settlement business rule changes prior to implementing shorter settlement cycle.</p>	<ol style="list-style-type: none"> 1. NYISO has offered the current data warehouse analysis toolset, Business Objects, as a short-term environment to perform sandbox-like functionality. 2. BAWG to identify the value of and pursue the development of a sandbox environment.
<p>7</p> <p>Modify the NYISO database architecture(s) [BAS & MIS] to provide for the retroactive assignment of financial responsibility for divested assets or assets transferred to the provider of last resort.</p>	<p>Provide for the retroactive assignment of financial responsibility for divested assets or assets transferred to the provider of last resort prior to implementing shorter settlement cycle.</p>	<p>BAWG to identify the value of and pursue the database architecture modifications necessary to provide for the assignment of financial responsibility.</p>

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<p>8 Establish the accuracy and completeness of the Data Warehouse-based Alternate Data Delivery mechanism, which is scheduled to replace the legacy posting of static comma separated variable [csv] formatted files containing hourly & daily advisory settlement statements.</p>	<p>Obtain Market Participant consensus on the accuracy and completeness of the Data Warehouse's Alternate Data Delivery [ADD] mechanism, due to be deployed Q2 2004, prior to terminating the legacy process in Q3 2004.</p>	<ol style="list-style-type: none"> 1. NYSIO to sufficiently test and deploy the ADD product in Q2 of 2004 and operate the system in parallel with current csv file postings until September 2004. 2. MPs obtain training on DSS application and integrate new ADD product with their current billing reconciliation processes by September 2004.
<p>9 Establish the accuracy and completeness of NYISO settlement processing applications.</p>	<ol style="list-style-type: none"> 1. Establish a NYISO administered uplift & residuals balance reconciliation process for instances where amounts exceed established trends or threshold(s). 2. Update, issue, and maintain and accurate Accounting & Billing Manual. 	<ol style="list-style-type: none"> 1. NYISO to work with BAWG to establish materiality thresholds for uplift & residuals balances that would prompt NYISO reconciliation & disclosure of the cost drivers. 2. NYISO to expedite the review of the revisions to the Accounting & Billing Manual, as well as update it in a timely manner going forward.

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APPENDIX A

PROJECT ID	AUTOMATION PROJECT DESCRIPTION
A636	85 / 15 Schedule 1 Cost Allocation Phase 1
A721	Thunderstorm Alert cost re-allocation
A722	Quick Start Reserves Service
A676	DAM Congestion Shortfall re-allocation
A630	Voltage Support Service
A716	Transmission Owner TSC & NTAC rate management
A687	Local Black Start Capability Service
A720	Emergency Demand Response Service

APPENDIX B

WEB-BASED METERED MWh RECONCILIATION ENHANCEMENTS

Remove zeros from inactive point ID's to improve performance

Improve performance to enable upload of entire monthly TOL files without having to split the file into smaller pieces and provide for the "echo-back", signifying successful or failed uploads.

Produce a summary report for Meter Authorities, by LSE and sub-zone.

Produce a lockout report for Meter Authorities to identify availability for updating.

Enable the "auto-lockout" for applicable days/periods

Enable search by generator name

Produce downloads of sub-zonal loads, tie-flows, losses, and generation in csv format

Move date and time from the top to the left of the PTID in the Wholesale Load Bus Detail

Do not reset Hourly Gen Tie Data to "0", but default to "23"

Do not reset date & time when querying between data points in the Hourly Gen Tie Data.

Enable users to select "All" or a combination of items contained in the drop down lists on the Gen/Tie Detail, Load Details, and Calculated Sub-zone Loads.

Move date and time from the top to the left of the PTID in the Wholesale Load Bus Detail

Implement date/time sensitivities for Meter Authority responsibility.