I. Business rule modifications and data corrections pending resolution

DESCRIPTION	ESTIMATED IMPACT	PERIOD(S) AFFECTED	CRITAR TICKET XREF	BILLING ISSUE XREF	EXPOSURE	BENEFIT	Status
Generator specific performance tracking data errors	Quantification currently not available	Being corrected prior to issuance of final bills	• N/A	• N/A	 Transmission Customers: Potential increase in OATT Schedule 1 balancing energy, losses, & congestion residuals & uplift Generators: Potential decrease in BPCG due to increased energy revenue 	 Generators: Potential increase in balancing energy revenue Transmission Customers: Potential decrease in OATT Schedule 1 ratio share of uplift due to decreased uplift for affected units from increased energy revenue 	 Observations corrected as each final bill is processed. NYISO implementing process to fix all months prior to invoicing, which should be fully operational by 8/31/2003.
Two claims made through NYISO dispute resolution process regarding operation of the AMP	- \$1.2M	August 2001	• N/A	• 117	Transmission Customers: Potential increase in OATT Schedule 1 uplift	Generators: Potential increase in BPCG revenue	 Settlement on one claim pending for \$272K – other claim is not finalized.
Design problem identified with RT BPCG calculation for off dispatch units.	Quantification currently not available	August 2001 - current	• 20030303173317	• 157	 Withdrawals may be charged additional Schedule 1 uplift due to increased bid production cost guarantee payments 	Generators: Potential increase in RT BPCG	 Market design is corrected and code is in NYISO QA waiting for deployment.
Errors in PTS calculations during Reserve Pickup intervals.	~ \$7M	March 2000 - current	• N/A	• 162	 Transmission Customers: Potential increase in OATT Schedule 1 balancing energy, losses, & congestion residuals Generators: Potential decrease in BPCG due to increased energy revenue 	 Generators: Increase in energy payments 	 Calculation has been reviewed and updated code is in testing. Must go through QA process prior to deployment.
Calculation of mingen reference price in mitigation code did not use the correct variable O & M costs.	Quantification currently not available	 June 2002 – July 2003 	• N/A	• 166	 Withdrawals may be charged additional Schedule 1 uplift due to increased bid production cost guarantee payments 	Generators: Potential increase in RT BPCG	• The data fix is complete and is in QA testing prior to upload into MIS HIST.

II. Resolved business rule modifications and data corrections pending adjustment

DESCRIPTION	ESTIMATED IMPACT	PERIOD(S) AFFECTED	CRITAR TICKET XREF	BILLING ISSUE XREF	EXPOSURE	BENEFIT	Status
85-15 split of NYISO costs & FERC fees between transmission customers & suppliers	∼ all historical months adjusted. All months that are re run after initial adjustment will need to be adjusted again, since all entries are reversing, but the net change will be zero.	 June 2002 - current 	<mark>⊷ N/A</mark>	<mark>● 109</mark>	Concrators: Assumption of 15% of NYISO costs of operations & FERC foes, totaling approximately \$6M through October 2002	Transmission Customers: 15% reduction in OATT Schedule 1 NYISO costs of operations & FERC fees, totaling approximately \$6M through October 2002	 Corrections to business rules under development; implementation anticipated for 3rd quarter of 2003
Fixed correction ratio load buses receiving a flat hourly load profile.	Quantification currently not available	• June 2000 – July 2003	• N/A	• 163	 Withdrawals in the sub-zones with fixed correction ratio load buses will see changes to balancing energy charges due to sub- zonal load varying from SCD intervals. 	 Withdrawals in the sub-zones with fixed correction ratio load buses will see changes to balancing energy charges due to sub-zonal load varying from SCD intervals. 	Fix deployed on 8/13/2003
No PTS records for several generators in MIS HIST.	Quantification currently not available	• June 2003	• N/A	• 164	 Withdrawals will be charged for services supplied by generators that were not paid due to missing PTS data. 	 Affected generators will be paid for services supplied that were not paid due to missing PTS data. 	• Fix deployed on 8/5/2003
Fuel prices and mitigation were out of sync during penalty gas periods	Quantification currently not available	 October 2002, January 2003 – March 2003 	 20030304084537 20030220104754	• 150	 Withdrawals may be charged for additional Schedule 1 uplift costs from higher cost recoveries. 	 Generators may be paid for additional bid production cost guarantees from higher cost recoveries. 	• Fix deployed on 7/15/2003
Problems with conversion dates on grandfathered rights contracts.	Quantification currently not available	 March 2001 – May 2001 	• 20030514112947	• 159	Transmission Owners: Potential increase in DAM congestion shortfall costs when TCC rents were negative	 Transmission Owners: Potential reduction in DAM congestion shortfall costs 	Fix deployed on 6/17/2003

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DESCRIPTION	ESTIMATED IMPACT	PERIOD(S) AFFECTED	CRITAR TICKET XREF	BILLING ISSUE XREF	EXPOSURE	BENEFIT	Status
					TCC Holders: Potential negative TCC rent	 TCC Holders: Potential additional TCC rent 	
O meter data included Station Service for a specific group of enerators	~\$2M	 November 1999 – April 2003 	• N/A	• 155	Potential decrease in payments for services supplied due to reduction in unit net output.	 Potential decrease in costs for services supplied due to reduction in unit net output. 	 Fix deployed on 6/10/2003
ncorrect r/t prices for 1/27/2003 I B6	Quantification currently not available	• 1/27/2003 HB6	• N/A	• 149	•	•	• Deployed fix on 5/29/2003.
start-up not paid when no DAM or BME schedule	Quantification currently not available	• 9/2001 forward	• N/A	• 127 & 141	Withdrawals may be charged additional Schedule 1 uplift due to increased bid production cost guarantee payments	 Suppliers may realize additional revenue due to increased bid production cost guarantee payments from the inclusion of start-up cost recoveries 	Corrected 5/21/2003
Statewide OOM for 5/27/2003 IB11 & 5/28/2003 HB11 ncorrectly set for 2 hours each day	Quantification currently not available;	• May 27 & 28, 2003	• N/A	• 160	Generators: Potential reduction in BPCG revenue for affected unit	 Transmission Customers: Potential reduction in Schedule 1 uplift costs to NYC LSEs 	 Corrections to MIS forms application completed; OOM statuses corrected
luly 20 - October 31, 2001 in-city nitigation per FERC	Quantification currently not available;	August 2001 - October 2001	• N/A	• 61	Generators: Potential reduction in BPCG revenue for affected unit	 Transmission Customers: Potential reduction in Schedule 1 uplift costs to NYC LSEs 	Corrected 5/29/2003
/lin Gen & Start up AMP not put nto service in June 2002 until %27/2002	Quantification currently not available	 June 1 through 27, 2002 	<mark>● N/A</mark>	<mark>● 78</mark>	Transmission Customers: Potential decrease in OATT Schedule 1 uplift	Generators: Potential decrease in BPCC revenue from start up & minimum generation cost recovery	Corrected 5/29/2003
Senerator PTIDs inadvertently emoved from model	Quantification currently not available	 3/12/2003 thru 3/31/2003 	 <u>- 20030326180237</u> 	 <u>100200</u> 	 Transmission Customers assume incremental residuals costs of paying generation. 	Generators receive payment	 Model was updated on 4/15/2003
Incorrect r/t prices for 10/3/2002 HB6	Quantification currently not available	• 10/3/2002 HB6	• N/A	• 113	negligible	negligible	Deployed 3/2003
FCC definition corrections	Anticipated to be <\$2M	• Various	• N/A	• 59 & 60	 Transmission Owners: Potential increase in DAM congestion shortfall costs when TCC rents were negative TCC Holders: Potential negative TCC rent 	 Transmission Owners: Potential reduction in DAM congestion shortfall costs TCC Holders: Potential additional TCC rent 	Deployed 3/2003.
HQ proxy bus price error	Quantification currently not available	 8/12/2002 HB19; 8/26/2002 HB 12; 10/25/2002 HB 03 - 05; 11/8/2002 HB 3 - 5 & 8; 11/29/2002 HB 13 	• N/A	• 106	 Price corrections at the HQ proxy bus. 	Correct allocation of costs	Deployed 3/2003
NE proxy bus price error no losses or congestion}	Quantification currently not available	• 10/14/2002 HB 11 & 12	• N/A	• 106	 Price corrections at the NE proxy bus. 	Correct allocation of costs	 Deployed 3/2003
OAM price incorrect in BAS	Quantification currently not available	 - 7/30/2002 HB 9 	<mark>● N/A</mark>	• 135	 Market not paid correctly 	 Market paid correctly 	Deployed 3/2003
DAM price incorrect in BAS	Quantification currently not available	• 8/29/2002 HB 19 – 21, & 23	• 20030107162722	• 137	Market not paid correctly	Market paid correctly	Deployed 3/2003
ncorrect shift factors used for R/T vrice corrections	Quantification currently not available	 June 1 through 22, 2002 	<mark>● N/A</mark>	<mark>● 78</mark>	Generators not paid appropriate start up and min gon.	 Generators will be paid correctly may increase uplift for transmission customers. 	 Deployed 3/27/2003 Accelerated re-bill scheduled for invoicing 4/7/2003
Transmission loss allocation	Quantification currently not available	May 2002 - August 2002 - November 2002	• N/A	• 110	 Transmission Customers: Potential increase in load allocated to LSEs in sub- zones whose loss allocation percentages decrease under the new methodology Transmission Owners: Potential increase 	 Transmission Customers: Potential decrease in load allocated to LSEs in sub-zones whose loss allocation percentages increase under the new methodology 	• Deployed 3/27/2003

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DESCRIPTION	ESTIMATED IMPACT	PERIOD(S) AFFECTED	CRITAR TICKET XREF	BILLING ISSUE XREF	EXPOSURE	BENEFIT	Status
					in unaccounted for energy due to changes in load sub-zonal load under new methodology.	 Transmission Owners: Potential decrease in unaccounted for energy due to changes in sub-zonal load under new methodology. 	
Bid Production Cost Guarantees to off dispatch units dispatched out of morit	Quantification currently not availablo	 January 2001 — April 2001 September 2001 — October 2001 January 2002 - June 2002 September 2002 - October 2002 	● N/A	<u>• 13</u> 4	 Transmission Customers: Potential increases in Schedule 1 uplift costs for additional BPCC paid to affected units; may increase LRR uplift, also. 	 Generators: Additional BPCG for any units affected 	 Corrections to business rules implemented on 11/05/2002; Stated Period(s) Affected pending re-billing
Oracle 9i software bug causing non-payment of start-up costs	Quantification currently not available	 September 2002, 2001, & 2000 October 2002, 2001, & 2000 May & June 2002 	• N/A	• 127	 Transmission Customers: Potential increase to Schedule 1 uplift to pay affected units 	 Generators: Potential increase in BPCG revenue for affected units 	Corrective measures made in time to issue correct settlements for months invoiced on December 14, 2002
Regulating unit energy balancing	Anticipated to be <\$3M	September 2001 - October 2001 January 2001 - June 2002 September 2002 - October 2002	• N/A	• 68	 Transmission Customers: Potential increase to Schedule 1 balancing energy, losses, & congestion residuals to pay affected units 	Generators: Additional balancing revenue for affected units	 Corrections to business rules implemented on 11/05/2002; Stated Period(s) Affected pending re-billing
DAM load bid information not passed to billing system	Quantification currently not available	 April 2002 June 2002 September 2002 - October 2002 	• N/A	•	 Transmission Customers: Potential increase to Schedule 1 residuals to credit DAM purchases not properly charged due to this error which caused all load to be purchased in the Balancing Market Transmission Customers: Potential increase to energy costs due to energy being purchased in DAM versus real time 	 Transmission Customers: Potential decrease to Schedule 1 residuals to credit DAM purchases not properly charged due to this error which caused all load to be purchased in the Balancing Market Transmission Customers: Potential decrease to energy costs due to energy being purchased in DAM versus real time 	 Corrections to business rules implemented on 10/25/2002; Stated Period(s) Affected pending re-billing

III. Final Bill Challenges

DESCRIPTION	ESTIMATED IMPACT	PERIOD(S) AFFECTED	CRITAR TICKET XREF	BILLING ISSUE XREF	EXPOSURE	BENEFIT	Status
Incorrect end dates on Grandfathered Rights	~\$127K	November 1999	• N/A	 59, 60, & 129 	 Transmission Owners' DAM Congestion Balancing costs will increase to fund this correction 	 Affected customer(s)' applicable DAM bilateral congestion costs & TSC MWh allocations will be reduced 	End-dates have been corrected
Generators not properly classified as Class 1 PURPA	No impact	November 1999	• 20021211125412	• 165	 Withdrawals' may realize additional Regulation Service charges due to newly classified units' no longer being penalized for being off base point 	 Affected supplier(s) will balance based upon actual output versus base points; Regulation Penalties will be reduced to zero 	Fix currently being designed
DAM Margin Assurance	~\$392K	November 1999	 20011211133433 20011211133433 20021216153318 20021210145620 20021211134233 200212111082551 	• N/A	 Affected suppliers will realize a reduction in DAM Contract Balancing credits 	 Withdrawals will realize a reduction in their DAM Contract Balancing residuals 	Code has been corrected

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DESCRIPTION	ESTIMATED IMPACT	PERIOD(S) AFFECTED	CRITAR TICKET XREF	BILLING ISSUE XREF	EXPOSURE	BENEFIT	Status
			 20021209160859 20021209162744 20021210094027 20021210093036 20021211130155 20021210104826 20011211092757 				
/oltage Support not paid properly for selected unit(s)	~\$120K	November 1999	• 20021216092524	• N/A	 Withdrawals will be allocated ratio share of cost 	Affected unit(s) will be paid	Manual Adjustments required
Regulation Availability not paid properly to selected unit(s)	~\$136K	November 1999	• N/A	• N/A	 Withdrawals will be allocated ratio share of cost 	Affected unit(s) will be paid	Manual Adjustments required
Supplier metering incorrect	~\$318K	November 1999	• 20021216085014	• N/A	 Withdrawals subject to increased energy, losses, & congestion residuals and ancillary services costs 	Affected unit(s)' energy & ancillary services credits will increase	Manual Adjustments required
LSE metering incorrectly reported	~\$71K	November 1999	• 20021210093715	• N/A	 NYC LSEs' load allocations will change which will affect energy and ancillary services costs 	 Challenging LSE(s)' load allocations will decrease which will affect energy and ancillary services costs 	New Metering files required
Sub-zone load error	~18K	November 1999	• 2021210093036	• N/A	 LSEs' load allocations will change which will affect energy and ancillary services costs 	 Challenging LSE(s)' load allocations will decrease which will affect energy and ancillary services costs 	New Metering files required
Incorrect end dates on Grandfathered Rights	~\$320K	December 1999	• N/A	• 59, 60, & 129	 Transmission Owners' DAM Congestion Balancing costs will increase to fund this correction 	 Affected customer(s)' applicable DAM bilateral congestion costs & TSC MWh allocations will be reduced 	End-dates have been corrected
Generators not properly classified as Class 1 PURPA	~\$4.3M	December 1999	 20030121130619 [New ticket opened for previously reported issue] 	• 165	 Withdrawals' may realize additional Regulation Service charges due to newly classified units' no longer being penalized for being off base point 	 Affected supplier(s) will balance based upon actual output versus base points; Regulation Penalties will be reduced to zero 	Fix currently being designed
DAM Margin Assurance	~\$850K	December 1999	 20030110113028 20030113163153 20021216153318 20030110113028 20021220161512 20030108165809 20030113151540 20030120082839 	• N/A	Affected suppliers will realize a reduction in DAM Contract Balancing credits	 Withdrawals will realize a reduction their DAM Contract Balancing residuals 	Code has been corrected
Start-up costs not paid for selected unit(s)	~\$120K	December 1999	 20030120082839; 20030120082839 	• 127 & 141	Affected suppliers will realize a reduction in DAM Contract Balancing credits	 Withdrawals will realize a reduction in their DAM Contract Balancing residuals 	Code has been corrected
Regulation Availability not paid properly to selected unit(s)	~\$12K	December 1999	• N/A	• N/A	Withdrawals will be allocated ratio share of cost	Affected unit(s) will be paid	Manual Adjustment Required
Voltage Support not paid properly for selected unit(s)	~\$276K	December 1999	• 20021216092524	• N/A	 Withdrawals will be allocated ratio share of cost 	Affected unit(s) will be paid	Manual Adjustment Required
Sub-zone load error	~\$98K	December 1999	• 20030113112424	• N/A	 LSEs' load allocations will change which will affect energy and ancillary services costs 	 Challenging LSE(s)' load allocations will decrease which will affect energy and ancillary services costs 	New Metering files required
LSE metering incorrectly	~156K	December 1999	• 20021210093715	• N/A	NYC LSEs' load allocations will change	Challenging LSE(s)' load allocations	 New Metering files required

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DESCRIPTION	ESTIMATED IMPACT	PERIOD(S) AFFECTED	CRITAR TICKET XREF	BILLING ISSUE XREF	EXPOSURE	BENEFIT	Status
reported					which will affect energy and ancillary services costs	will decrease which will affect energy and ancillary services costs	
Supplier metering incorrect	~\$348K	December 1999	• 20021230095707	• N/A	 Withdrawals subject to increased energy, losses, & congestion residuals and ancillary services costs 	Affected unit(s)' energy & ancillary services credits will increase	New Metering files required
Supplier metering incorrect	~\$348K	December 1999	• 20030120082839	• N/A	 Withdrawals subject to increased energy, losses, & congestion residuals and ancillary services costs 	 Affected unit(s)' energy & ancillary services credits will increase 	New Metering files required
ncorrect end dates on Grandfathered Rights	~\$320K	• January 2000	• N/A	 59, 60, & 129 	 Transmission Owners' DAM Congestion Balancing costs will increase to fund this correction 	 Affected customer(s)' applicable DAM bilateral congestion costs & TSC MWh allocations will be reduced 	End-dates have been corrected
Generators not properly classified as Class 1 PURPA	~\$6.2M	• January 2000	 20030121130619 [New ticket opened for previously reported issue] 	• 165	 Withdrawals' may realize additional Regulation Service charges due to newly classified units' no longer being penalized for being off base point 	 Affected supplier(s) will balance based upon actual output versus base points; Regulation Penalties will be reduced to zero 	Fix currently being designed
DAM Margin Assurance	~\$657K	 January 2000 	 20030130095655 20030210133150 20021216153318 20030207092739 20021216093858 20021220161512 	• N/A	 Affected suppliers will realize a reduction in DAM Contract Balancing credits 	 Withdrawals will realize a reduction in their DAM Contract Balancing residuals 	Code has been corrected
Start-up costs not paid for selected unit(s)	~\$430K	 January 2000 	• 20030307153421	• 127 & 141	Affected suppliers will realize a reduction in DAM Contract Balancing credits	 Withdrawals will realize a reduction in their DAM Contract Balancing residuals 	Code has been corrected
Regulation Availability not paid properly to selected unit(s)	~\$80K	 January 2000 	• N/A	• N/A	 Withdrawals will be allocated ratio share of cost 	Affected unit(s) will be paid	Manual Adjustment required
Voltage Support not paid properly for selected unit(s)	~\$276K	 January 2000 	• 20021216092524	• N/A	 Withdrawals will be allocated ratio share of cost 	Affected unit(s) will be paid	Manual Adjustment required
SE metering incorrectly eported	~\$211K	 January 2000 	• 20021210093715	• N/A	 NYC LSEs' load allocations will change which will affect energy and ancillary services costs 	 Challenging LSE(s)' load allocations will decrease which will affect energy and ancillary services costs 	New Metering files required
Supplier metering incorrect	~\$345K	 January 2000 	• 20030307153421	• N/A	 Withdrawals subject to increased energy, losses, & congestion residuals and ancillary services costs 	Affected unit(s)' energy & ancillary services credits will increase	New Metering files required
Sub-zone load error	~\$107K	 January 2000 	• 20030207092739	• N/A	 LSEs' load allocations will change which will affect energy and ancillary services costs 	 Challenging LSE(s)' load allocations will decrease which will affect energy and ancillary services costs 	New Metering files required
Supplier metering incorrect	~\$12K	 January 2000 	• 20030107152306	• N/A	 Withdrawals subject to increased energy, losses, & congestion residuals and ancillary services costs 	Affected unit(s)' energy & ancillary services credits will increase	New Metering files required
Balancing energy payments	~\$245K	 February 2000 	• 20030311120517	• N/A	Withdrawals will be allocated ratio share of cost	Affected unit(s) will be paid	Code has been corrected
Generators not properly classified as Class 1 PURPA	~\$4.6M	February 2000	 20030311120517 [New ticket opened for previously reported issue] 	• 165	 Withdrawals' may realize additional Regulation Service charges due to newly classified units' no longer being penalized for being off base point 	 Affected supplier(s) will balance based upon actual output versus base points; Regulation Penalties will be reduced to zero 	Fix currently being designed
DAM Margin Assurance	~\$596K	 February 2000 	• 20030310162501	• N/A	Affected suppliers will realize a reduction	Withdrawals will realize a reduction	Code has been corrected

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DESCRIPTION	ESTIMATED IMPACT	PERIOD(S) AFFECTED	CRITAR TICKET XREF	BILLING ISSUE XREF	EXPOSURE	BENEFIT	Status
			 20021216153318 20021220161512		in DAM Contract Balancing credits	in their DAM Contract Balancing residuals	
Start-up costs not paid for selected unit(s)	~\$85K	February 2000	• 20030307153726	 127 & 141 	 Affected suppliers will realize a reduction in DAM Contract Balancing credits 	 Withdrawals will realize a reduction in their DAM Contract Balancing residuals 	Code has been corrected
Regulation Availability not paid properly to selected unit(s)	~\$370K	February 2000	20030311120517 & others to be listed later	• N/A	 Withdrawals will be allocated ratio share of cost 	Affected unit(s) will be paid	Manual Adjustment Required
Voltage Support not paid properly for selected unit(s)	~\$276K	 February 2000 	• 20021216092524	• N/A	 Withdrawals will be allocated ratio share of cost 	Affected unit(s) will be paid	Manual Adjustment required
LSE metering incorrectly reported	~\$183K	February 2000	 20021210093715; 20021210094217 	• N/A	 NYC LSEs' load allocations will change which will affect energy and ancillary services costs 	 Challenging LSE(s)' load allocations will decrease which will affect energy and ancillary services costs 	New Metering files required
LSE metering incorrectly reported	~\$378K	February 2000	• 20030308094406	• N/A	 NYC LSEs' load allocations will change which will affect energy and ancillary services costs 	 Challenging LSE(s)' load allocations will decrease which will affect energy and ancillary services costs 	New Metering files required

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