



NYISO Decision Support System – Sign Convention Correction

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Document Purpose

The purpose of this document is to provide DSS users with a listing of all the DSS Data Objects that will their sign convention inverted on June 24th, 2005 to conform to the NYISO standard as described in Technical Bulletin 017. In summary, the NYISO's sign convention is:

- payments from the NYISO to Market Participants are positive values, and
- collections from Market Participants to the NYISO are negative values.

Other assumptions

- The sign convention corrections applied to the DSS primarily affect Settlement Results and a few select Intermediate objects.
- The term 'RTD' has been used in place of 'SCD'. For Settlements purposes, the terms are interchangeable as they both describe nominally 5 minute level data. However, to maintain consistency in naming convention, the term 'RTD' has been used in this document.

Revision History

- June 6, 2005 – Document published to DSS users





Universe: Power Supplier

Settlement	Object Name	Object Location (Class)
	-None-	

Universe: Power Supplier – Ancillary Services

Settlement	Object Name	Object Location (Class)
Regulation Penalty for Power Suppliers	Day Reg Penalty (\$)	Regulation Service/Regulation Penalty/Daily
Regulation Penalty for Power Suppliers	Hr Reg Penalty (\$)	Regulation Service/Regulation Penalty/Hourly
Regulation Penalty for Power Suppliers	RTD Reg Penalty (\$)	Regulation Service/Regulation Penalty/RTD
Regulation Replacement Charge for Power Suppliers	Day Reg Replacement Cost (\$)	Regulation Service/Regulation Replacement/Daily
Regulation Replacement Charge for Power Suppliers	Hr Reg Replacement Cost (\$)	Regulation Service/Regulation Replacement/Hourly
Operating Reserve Penalty for Power Suppliers	Day 10Min Shortfall Stlmnt (\$)	Operating Reserve LOC & Penalties/10-Min Shortfall Penalty/Daily
Operating Reserve Penalty for Power Suppliers	Hr 10Min Shortfall Stlmnt (\$)	Operating Reserve LOC & Penalties/10-Min Shortfall Penalty/Hourly



Settlement	Object Name	Object Location (Class)
Operating Reserve Penalty for Power Suppliers	RTD 10Min Shortfall Stlmnt (\$)	Operating Reserve LOC & Penalties/10-Min Shortfall Penalty/RTD
10 Min Non-Synch Operating Reserves for Power Suppliers	Day 10NSync Reduct Unadj Ch (\$)	10 Min Non-Synch Operating Reserves/10 Min Non-Synch Reduction/Daily
10 Min Non-Synch Operating Reserves for Power Suppliers	Hr 10NSync Reduct Unadj Ch (\$)	10 Min Non-Synch Operating Reserves/10 Min Non-Synch Reduction/Hour/Hourly/Intermediate Calculations
10 Min Non-Synch Operating Reserves for Power Suppliers	Day 10NSync Reduct Stlmnt (\$)	10 Min Non-Synch Operating Reserves/10 Min Non-Synch Reduction/Daily
10 Min Non-Synch Operating Reserves for Power Suppliers	Hr 10NSync Reduct Stlmnt (\$)	30-Min Operating Reserves for Power Suppliers
30-Min Operating Reserves for Power Suppliers	Hr 30Min Reduct Unadj Ch (\$)	30 Min Operating Reserves/30 Min Reduction/Hourly
30-Min Operating Reserves for Power Suppliers	Day 30Min Reduct Unadj Ch (\$)	30 Min Operating Reserves/30 Min Reduction/Daily
30-Min Operating Reserves for Power Suppliers	Day 30Min Reduct Stlmnt (\$)	30 Min Operating Reserves/30 Min Reduction/Daily
30-Min Operating Reserves for Power Suppliers	Hr 30Min Reduct Stlmnt (\$)	30 Min Operating Reserves/30 Min Reduction/Hourly
10-Min Synch Operating Reserves for Power Suppliers	Day 10Sync Reduct Unadj Ch (\$)	10 Min Synch Operating Reserves/10 min Sync Reduction /Daily
10-Min Synch Operating Reserves for Power Suppliers	Hr 10Sync Reduct Unadj Ch (\$)	10 Min Synch Operating Reserves/10 min Sync Reduction /Hourly



Settlement	Object Name	Object Location (Class)
10-Min Synch Operating Reserves for Power Suppliers	Day 10Sync Reduct Stlmnt (\$)	10 Min Synch Operating Reserves/10 min Sync Reduction /Daily
10-Min Synch Operating Reserves for Power Suppliers	Hr 10Sync Reduct Stlmnt (\$)	10 Min Synch Operating Reserves/10 min Sync Reduction /Hourly

Universe: Load Serving Entity

Settlement	Object Name	Object Location (Class)
DAM Energy Settlement for Load Serving Entity	Day DAM Energy Stlmnt: LSE (\$)	DAM Energy Settlement/Daily/Stlmnt Results
DAM Energy Settlement for Load Serving Entity	Hr DAM Energy Stlmnt: LSE (\$)	DAM Energy Settlement/Hourly/Stlmnt Results
DAM Energy Settlement for Load Serving Entity	Day DAM Loss Stlmnt: LSE (\$)	DAM Energy Settlement/Daily/Stlmnt Results
DAM Energy Settlement for Load Serving Entity	Hr DAM Loss Stlmnt: LSE (\$)	DAM Energy Settlement/Hourly/Stlmnt Results
DAM Energy Settlement for Load Serving Entity	Day DAM Cong Stlmnt: LSE (\$)	DAM Energy Settlement/Daily/Stlmnt Results
DAM Energy Settlement for Load Serving Entity	Hr DAM Cong Stlmnt: LSE (\$)	DAM Energy Settlement/Hourly/Stlmnt Results
DAM Energy Settlement for Load Serving Entity	Day Total DAM Stlmnt: LSE (\$)	DAM Energy Settlement/Daily/Stlmnt Results
DAM Energy Settlement for Load Serving Entity	Hr Total DAM Stlmnt: LSE (\$)	DAM Energy Settlement/Hourly/Stlmnt Results



Settlement	Object Name	Object Location (Class)
Balancing Energy Settlement for Load Serving Entity	Day BalMkt Energy Stlmnt - LSE (\$)	Bal Mkt Energy Settlement/Daily/Stlmnt Results
Balancing Energy Settlement for Load Serving Entity	Hr BalMkt Energy Stlmnt - LSE (\$)	Bal Mkt Energy Settlement/Hourly/Stlmnt Results
Balancing Energy Settlement for Load Serving Entity	RTD BalMkt Energy Stlmnt - LSE (\$)	Bal Mkt Energy Settlement/RTD/Stlmnt Results
Balancing Energy Settlement for Load Serving Entity	Day BalMkt Loss Stlmnt - LSE (\$)	Bal Mkt Energy Settlement/Daily/Stlmnt Results
Balancing Energy Settlement for Load Serving Entity	Hr BalMkt Loss Stlmnt - LSE (\$)	Bal Mkt Energy Settlement/Hourly/Stlmnt Results
Balancing Energy Settlement for Load Serving Entity	RTD BalMkt Loss Stlmnt - LSE (\$)	Bal Mkt Energy Settlement/RTD/Stlmnt Results
Balancing Energy Settlement for Load Serving Entity	Day BalMkt Cong Stlmnt - LSE (\$)	Bal Mkt Energy Settlement/Daily/Stlmnt Results
Balancing Energy Settlement for Load Serving Entity	Hr BalMkt Cong Stlmnt - LSE (\$)	Bal Mkt Energy Settlement/Hourly/Stlmnt Results
Balancing Energy Settlement for Load Serving Entity	RTD BalMkt Cong Stlmnt - LSE (\$)	Bal Mkt Energy Settlement/RTD/Stlmnt Results
Balancing Energy Settlement for Load Serving Entity	Day Total BalMkt Stlmnt - LSE (\$)	Bal Mkt Energy Settlement/Daily/Stlmnt Results
Balancing Energy Settlement for Load Serving Entity	Hr Total BalMkt Stlmnt: LSE (\$)	Bal Mkt Energy Settlement/Hourly/Stlmnt Results
Balancing Energy Settlement for Load Serving Entity	RTD Total BalMkt Stlmnt: LSE (\$)	Bal Mkt Energy Settlement/RTD/Stlmnt Results

Universe: Load Serving Entity – Ancillary Services

Settlement	Object Name	Object Location (Class)
MST Charge for Load Serving Entity	Day MST Sched 1 Stlmnt - LSE (\$)	Ancillary Services/MST Schedule 1/Daily
MST Charge for Load Serving Entity	Hr MST Sched 1 Stlmnt - LSE (\$)	Ancillary Services/MST Schedule 1/Hourly



Settlement	Object Name	Object Location (Class)
OATT Schedule 1 Charge for LSE	Day OATT Sched 1 Stlmnt - LSE (\$)	Ancillary Services/ OATT Sched 1 /Daily
OATT Schedule 1 Charge for LSE	Hr OATT Sched 1 Stlmnt - LSE (\$)	Ancillary Services/ OATT Sched 1 /Hourly
Voltage Support Charge for Load Serving Entity	Day VSS Stlmnt - LSE (\$)	Ancillary Services/ OATT Sched 2-VSS /Daily
Voltage Support Charge for Load Serving Entity	Hr VSS Stlmnt - LSE (\$)	Ancillary Services/ OATT Sched 2-VSS /Hourly
Regulation Charge for Load Serving Entity	Day Regulation Stlmnt: LSE (\$)	Ancillary Services/ OATT Sched 3-Regulation/Daily
Regulation Charge for Load Serving Entity	Day RRA Stlmnt: LSE (\$)	Ancillary Services/ OATT Sched 3-Regulation/Daily
Regulation Charge for Load Serving Entity	Hr Regulation Stlmnt: LSE (\$)	Ancillary Services/ OATT Sched 3-Regulation/Hourly/Stlmnt Results
Regulation Charge for Load Serving Entity	Hr RRA Stlmnt: LSE (\$)	Ancillary Services/ OATT Sched 3-Regulation/Daily/Hourly/Stlmnt Results
Regulation Charge for Load Serving Entity	Hr Total NYISO Reg Chg to PS (\$)	Ancillary Services/ OATT Sched 3-Regulation/Daily/Hourly/Billing Determinants
Reserve Charge for Load Serving Entity	Day Op Res Stlmnt - LSE (\$)	Ancillary Services/ OATT Sched 5-OpReserves/Daily
Reserve Charge for Load Serving Entity	Hr Op Res Stlmnt - LSE (\$)	Ancillary Services/ OATT Sched 5-OpReserves/Hourly/Stlmnt Results
Reserve Charge for Load Serving Entity	Hr Ttl NYISO OpRes ShtChg to PS (\$)	Ancillary Services/ OATT Sched 5-OpReserves/Hourly/Billing Determinants
Black Start Charge for Load Serving Entity	Day Black Start Stlmnt - LSE (\$)	Ancillary Services/ OATT Sched 6-Black Start/Daily
Black Start Charge for Load Serving Entity	Hr Black Start Stlmnt - LSE (\$)	Ancillary Services/ OATT Sched 6-Black Start/Hourly
Residual Settlements for Load Serving Entity	Hr Ttl NYISO DAM Engy Ch to LSE (\$)	NYISO Residuals/DAM Energy Residuals/Hourly/Billing Determinants
Residual Settlements for Load Serving Entity	Hr Ttl NYISO DAMLBMP EngyCh -TC (\$)	NYISO Residuals/DAM Energy Residuals/Hourly/Billing Determinants
Residual Settlements for Load Serving Entity	Day DAM Resid Engy Stlmnt - LSE (\$)	NYISO Residuals/DAM Energy Residuals/Daily
Residual Settlements for Load Serving Entity	Hr DAM Resid Engy Stlmnt - LSE (\$)	NYISO Residuals/DAM Energy



Settlement	Object Name	Object Location (Class)
		Residuals/Hourly/Stlmnt Results
Residual Settlements for Load Serving Entity	Hr Ttl NYISO DAM Loss Ch to LSE (\$)	NYISO Residuals/DAM Loss Residuals/Hourly/Billing Determinants
Residual Settlements for Load Serving Entity	Hr Ttl NYISO DAMLBMP LssCh - TC (\$)	NYISO Residuals/DAM Loss Residuals/Hourly/Billing Determinants
Residual Settlements for Load Serving Entity	Hr Ttl NYISO DAMTUC Lss Ch - TC (\$)	NYISO Residuals/DAM Loss Residuals/Hourly/Billing Determinants
Residual Settlements for Load Serving Entity	Day DAM Resid Loss Stlmnt - LSE (\$)	NYISO Residuals/DAM Loss Residuals/Daily
Residual Settlements for Load Serving Entity	Hr DAM Resid Loss Stlmnt - LSE (\$)	NYISO Residuals/DAM Loss Residuals/Hourly/Stlmnt Results
Residual Settlements for Load Serving Entity	Hr Ttl NYISO Bal Engy Ch to LSE (\$)	NYISO Residuals/ Bal Mkt Energy Residuals/Hourly/Billing Determinants
Residual Settlements for Load Serving Entity	Hr Ttl NYISO BalLBMP EngyCh -TC (\$)	NYISO Residuals/ Bal Mkt Energy Residuals/Hourly/Billing Determinants
Residual Settlements for Load Serving Entity	Day Bal Resid Engy Stlmnt - LSE (\$)	NYISO Residuals/Bal Mkt Energy Residuals/Daily
Residual Settlements for Load Serving Entity	Hr Bal Resid Engy Stlmnt - LSE (\$)	NYISO Residuals/ Bal Mkt Energy Residuals/Hourly/Stlmnt Results
Residual Settlements for Load Serving Entity	Hr Ttl NYISO Bal Loss Ch to LSE (\$)	NYISO Residuals/ Bal Mkt Loss Residuals/Hourly/Billing Determinants
Residual Settlements for Load Serving Entity	Hr Ttl NYISO BalLBMP LssCh - TC (\$)	NYISO Residuals/ Bal Mkt Loss Residuals/Hourly/Billing Determinants
Residual Settlements for Load Serving Entity	Hr Ttl NYISO BalTUC LssChg - TC (\$)	NYISO Residuals/ Bal Mkt Loss Residuals/Hourly/Billing Determinants
Residual Settlements for Load Serving Entity	Day Bal Resid Loss Stlmnt - LSE (\$)	NYISO Residuals/Bal Mkt Loss Residuals/Daily
Residual Settlements for Load Serving Entity	Hr Bal Resid Loss Stlmnt - LSE (\$)	NYISO Residuals/ Bal Mkt Loss Residuals/Hourly/Stlmnt Results
Residual Settlements for Load Serving Entity	Hr Ttl NYISO Bal Cong Ch to LSE (\$)	NYISO Residuals/ Bal Mkt Cong Residuals/Hourly/Billing Determinants
Residual Settlements for Load Serving Entity	Hr Ttl NYISO BalLBMP CngCh - TC (\$)	NYISO Residuals/ Bal Mkt Cong Residuals/Hourly/Billing Determinants



Settlement	Object Name	Object Location (Class)
Residual Settlements for Load Serving Entity	Hr Ttl NYISO BalTUC CngCh to TC (\$)	NYISO Residuals/ Bal Mkt Cong Residuals/Hourly/Billing Determinants
Residual Settlements for Load Serving Entity	Day Bal Resid Cong Stlmnt - LSE (\$)	NYISO Residuals/ Bal Mkt Cong Residuals/Hourly/Billing Determinants
Residual Settlements for Load Serving Entity	Hr Bal Resid Cong Stlmnt - LSE (\$)	NYISO Residuals/Bal Mkt Cong/Residuals/Daily
Uplift Allocations for Load Serving Entity	Day Imp ECA Sup Gnt Stlmnt -LSE (\$)	Uplift Allocations/Imp ECA Supplier Guarantee/Daily
Uplift Allocations for Load Serving Entity	Hr Imp ECA Sup Gnt Stlmnt -LSE (\$)	Uplift Allocations/Imp ECA Supplier Guarantee/Hourly/Stlmnt Results
Uplift Allocations for Load Serving Entity	Day DAM Mrgn Assrnc - LSE (\$)	Uplift Allocations/DAM Margin Assurance/Daily
Uplift Allocations for Load Serving Entity	Hr DAM Mrgn Assrnc Stlmnt - LSE (\$)	Uplift Allocations/DAM Margin Assurance/Hourly/Stlmnt results
Uplift Allocations for Load Serving Entity	Day DAM MgnAssrn LRR Stlmt -LSE (\$)	Uplift Allocations/DAM Margin Assurance LRR/Daily
Uplift Allocations for Load Serving Entity	Hr DAM MgnAssrnc LRR Stlmt -LSE (\$)	Uplift Allocations/DAM Margin Assurance LRR/Hourly/Stlmnt results
Uplift Allocations for Load Serving Entity	Day DAM BPCG Stlmnt - LSE (\$)	Uplift Allocations/DAM BPCG
Uplift Allocations for Load Serving Entity	Day RT BPCG Stlmnt - LSE (\$)	Uplift Allocations/RT BPCG
Uplift Allocations for Load Serving Entity	Day DAM Trans BPCG Stlmnt - LSE (\$)	Uplift Allocations/DAM Trans BPCG
Uplift Allocations for Load Serving Entity	Day RT Trans BPCG Stlmnt - LSE (\$)	Uplift Allocations/RT Trans BPCG
Uplift Allocations for Load Serving Entity	Day DAM BPCG LRR Stlmnt - LSE (\$)	Uplift Allocations/DAM BPCG LRR
Uplift Allocations for Load Serving Entity	Day RT BPCG LRR Stlmnt - LSE (\$)	Uplift Allocations/RT BPCG LRR
Uplift Allocations for Load Serving Entity	Day DAM BPCG Forecast Stlmnt (\$)	Uplift Allocations/ DAM BPCG Frct
Uplift Allocations for Load Serving Entity	Day ELR DAM MargAsrc Stlmnt-LSE (\$)	Uplift Allocations/ ELR DAM Margin Assurance
Uplift Allocations for Load Serving Entity	Day Supp Event Stlmnt: LSE (\$)	Uplift Allocations/ Supplemental Event Charge/Daily



Settlement	Object Name	Object Location (Class)
Uplift Allocations for Load Serving Entity	Hr Supp Event Stlmnt: LSE (\$)	Uplift Allocations/ Supplemental Event Charge/Hourly/Stlmnt Results
Settlement Allocations for Load Serving Entity	Day Emergency Purch Stlmnt -LSE (\$)	Settlement Allocations/Emergency Purchases/Daily
Settlement Allocations for Load Serving Entity	Hr Emergency Purch Stlmnt - LSE (\$)	Settlement Allocations/Emergency Purchases/Hourly/Stlmnt Results
Settlement Allocations for Load Serving Entity	Day Emergency Sales Stlmnt - LSE (\$)	Settlement Allocations/Emergency Sales/Daily
Settlement Allocations for Load Serving Entity	Hr Emergency Sales Stlmnt - LSE (\$)	Settlement Allocations/Emergency Sales/Hourly/Stlmnt Results
Settlement Allocations for Load Serving Entity	Day DADRP Stlmnt (\$)	Settlement Allocations/DADRP
Settlement Allocations for Load Serving Entity	Day NTAC Stlmnt - LSE (\$)	Settlement Allocations/NTAC/Daily
Settlement Allocations for Load Serving Entity	Hr NTAC Stlmnt - LSE (\$)	Settlement Allocations/NTAC/Hourly/Stlmnt Results
Settlement Allocations for Load Serving Entity	Hr Ttl NYISO FIC (\$)	Settlement Allocations/Financial Impact Credit/Hourly/Billing Determinants

Universe: Transaction Customer

Settlement	Object Name	Object Location (Class)
DAM LBMP Settlement for Transmission Customer	Day DAM LBMP Energy Stlmnt (\$)	DAM LBMP Energy Settlement/Daily/Stlmnt results
DAM LBMP Settlement for Transmission Customer	Hr DAM LBMP Energy Stlmnt (\$)	DAM LBMP Energy Settlement/ Hourly/Stlmnt results DAM BPCG Settlement/Billing Determinants



Settlement	Object Name	Object Location (Class)
DAM LBMP Settlement for Transmission Customer	Day DAM LBMP Loss Stlmnt (\$)	DAM LBMP Energy Settlement/Daily/Stlmnt results
DAM LBMP Settlement for Transmission Customer	Hr DAM LBMP Loss Stlmnt (\$)	DAM LBMP Energy Settlement/ Hourly/Stlmnt results DAM BPCG Settlement/Billing Determinants
DAM LBMP Settlement for Transmission Customer	Day DAM LBMP Cong Stlmnt (\$)	DAM LBMP Energy Settlement/Daily/Stlmnt results
DAM LBMP Settlement for Transmission Customer	Hr DAM LBMP Cong Stlmnt (\$)	DAM LBMP Energy Settlement/ Hourly/Stlmnt results DAM BPCG Settlement/Billing Determinants
DAM LBMP Settlement for Transmission Customer	Day DAM Total LBMP Stlmnt (\$)	DAM LBMP Energy Settlement/Daily/Stlmnt results
DAM LBMP Settlement for Transmission Customer	Hr DAM Total LBMP Stlmnt (\$)	DAM LBMP Energy Settlement/ Hourly/Stlmnt results DAM BPCG Settlement/Billing Determinants
DAM LBMP Settlement for Transmission Customer	Day DAM LBMP Energy (MWh)	DAM LBMP Energy Settlement/Daily/Other Related Info
DAM LBMP Settlement for Transmission Customer	Hr DAM LBMP Energy (MWh)	DAM LBMP Energy Settlement/ Hourly/ Other Related Info DAM BPCG Settlement/Billing Determinants
BalMkt LBMP Energy Settlement	Day BalMkt LBMP Engy Stlmnt (\$)	BalMkt LBMP Energy Settlement/Daily/ Stlmnt Results
BalMkt LBMP Energy Settlement	Hr BalMkt LBMP Engy Stlmnt (\$)	BalMkt LBMP Energy Settlement/Hourly/ Stlmnt Results
BalMkt LBMP Energy Settlement	RTD BalMkt LBMP Engy Stlmnt (\$)	BalMkt LBMP Energy Settlement/ RTD / Stlmnt Results Real Time BPCG Settlement/Billing Determinants
BalMkt LBMP Energy Settlement	Day BalMkt LBMP Loss Stlmnt (\$)	BalMkt LBMP Energy Settlement/Daily/ Stlmnt Results
BalMkt LBMP Energy Settlement	Hr BalMkt LBMP Loss Stlmnt (\$)	BalMkt LBMP Energy Settlement/Hourly/ Stlmnt Results



Settlement	Object Name	Object Location (Class)
BalMkt LBMP Energy Settlement	RTD BalMkt LBMP Loss Stlmnt (\$)	BalMkt LBMP Energy Settlement/ RTD / Stlmnt Results Real Time BPCG Settlement/Billing Determinants
BalMkt LBMP Energy Settlement	Day BalMkt LBMP Cong Stlmnt (\$)	BalMkt LBMP Energy Settlement/Daily/ Stlmnt Results
BalMkt LBMP Energy Settlement	Hr BalMkt LBMP Cong Stlmnt (\$)	BalMkt LBMP Energy Settlement/Hourly/ Stlmnt Results
BalMkt LBMP Energy Settlement	RTD BalMkt LBMP Cong Stlmnt (\$)	BalMkt LBMP Energy Settlement/ RTD / Stlmnt Results Real Time BPCG Settlement/Billing Determinants
BalMkt LBMP Energy Settlement	Day BalMkt Total LBMP Stlmnt (\$)	BalMkt LBMP Energy Settlement/Daily/ Stlmnt Results
BalMkt LBMP Energy Settlement	Hr BalMkt Total LBMP Stlmnt (\$)	BalMkt LBMP Energy Settlement/Hourly/ Stlmnt Results
BalMkt LBMP Energy Settlement	RTD BalMkt Total LBMP Stlmnt (\$)	BalMkt LBMP Energy Settlement/ RTD / Stlmnt Results Real Time BPCG Settlement/Billing Determinants
BalMkt LBMP Energy Settlement	Day BalMkt LBMP Engy (MWh)	BalMkt LBMP Energy Settlement/Daily/Other Related Info
BalMkt LBMP Energy Settlement	Hr BalMkt LBMP Energy (MWh)	BalMkt LBMP Energy Settlement/Hourly/Other Related Info
BalMkt LBMP Energy Settlement	RTD BalMkt LBMP Energy (MWh)	BalMkt LBMP Energy Settlement/ RTD /Billing Determinants Real Time BPCG Settlement/Billing Determinants
DAM TUC Settlement	Day DAM TUC Loss Stlmnt (\$)	DAM TUC/Daily/ Stlmnt Results
DAM TUC Settlement	Hr DAM TUC Loss Stlmnt (\$)	DAM TUC/Hourly/ Stlmnt Results
DAM TUC Settlement	Day DAM TUC Cong Stlmnt (\$)	DAM TUC/Daily/ Stlmnt Results



Settlement	Object Name	Object Location (Class)
DAM TUC Settlement	Hr DAM TUC Cong Stlmnt (\$)	DAM TUC/Hourly/ Stlmnt Results
DAM TUC Settlement	Day Total DAM TUC Stlmnt (\$)	DAM TUC/Daily/ Stlmnt Results
DAM TUC Settlement	Hr Total DAM TUC Stlmnt (\$)	DAM TUC/Hourly/ Stlmnt Results
BalMkt TUC Settlement	Day BalMkt TUC Loss Stlmnt (\$)	BalMkt TUC/Daily/ Stlmnt Results
BalMkt TUC Settlement	Hr BalMkt TUC Loss Stlmnt (\$)	BalMkt TUC/Hourly/ Stlmnt Results
BalMkt TUC Settlement	RTD BalMkt TUC Loss Stlmnt (\$)	BalMkt TUC/ RTD / Stlmnt Results
BalMkt TUC Settlement	Day BalMkt TUC Cong Stlmnt (\$)	BalMkt TUC/Daily/ Stlmnt Results
BalMkt TUC Settlement	Hr BalMkt TUC Cong Stlmnt (\$)	BalMkt TUC/Hourly/ Stlmnt Results
BalMkt TUC Settlement	RTD BalMkt TUC Cong Stlmnt (\$)	BalMkt TUC/ RTD / Stlmnt Results
BalMkt TUC Settlement	Day Total BalMkt TUC Stlmnt (\$)	BalMkt TUC/Daily/ Stlmnt Results
BalMkt TUC Settlement	Hr Total BalMkt TUC Stlmnt (\$)	BalMkt TUC/Hourly/ Stlmnt Results
BalMkt TUC Settlement	RTD Total BalMkt TUC Stlmnt (\$)	BalMkt TUC/ RTD / Stlmnt Results
DAM Repl Energy Settlement	Day DAM Repl Engy Stlmnt (\$)	DAM Repl Energy Settlement /Daily/ Stlmnt Results
DAM Repl Energy Settlement	Hr DAM Repl Engy Stlmnt (\$)	DAM Repl Energy Settlement / Hourly / Stlmnt Results
DAM Repl Energy Settlement	Day DAM Repl Loss Stlmnt (\$)	DAM Repl Energy Settlement /Daily/ Stlmnt Results
DAM Repl Energy Settlement	Hr DAM Repl Loss Stlmnt (\$)	DAM Repl Energy Settlement / Hourly / Stlmnt Results
DAM Repl Energy Settlement	Day DAM Repl Cong Stlmnt (\$)	DAM Repl Energy Settlement /Daily/ Stlmnt Results
DAM Repl Energy Settlement	Hr DAM Repl Cong Stlmnt (\$)	DAM Repl Energy Settlement / Hourly / Stlmnt Results



Settlement	Object Name	Object Location (Class)
DAM Repl Energy Settlement	Day Total DAM Repl Stlmnt (\$)	DAM Repl Energy Settlement /Daily/ Stlmnt Results
DAM Repl Energy Settlement	Hr Total DAM Repl Stlmnt (\$)	DAM Repl Energy Settlement / Hourly / Stlmnt Results
DAM Repl Energy Settlement	Day DAM Repl Energy (MWh)	DAM Repl Energy Settlement /Daily/ Other Related Info
DAM Repl Energy Settlement	Hr DAM Repl Energy (MWh)	DAM Repl Energy Settlement /Hourly/ Billing Determinanants
BalMkt Repl Energy Settlement	Day BalMkt Repl Engy Stlmnt (\$)	BalMkt Repl Energy Settlement/ Daily/ Stlmnt Results
BalMkt Repl Energy Settlement	Hr BalMkt Repl Engy Stlmnt (\$)	BalMkt Repl Energy Settlement/ Hour / Stlmnt Results
BalMkt Repl Energy Settlement	RTD BalMkt Repl Engy Stlmnt (\$)	BalMkt Repl Energy Settlement/ RTD / Stlmnt Results
BalMkt Repl Energy Settlement	Day BalMkt Repl Loss Stlmnt (\$)	BalMkt Repl Energy Settlement/ Daily/ Stlmnt Results
BalMkt Repl Energy Settlement	Hr BalMkt Repl Loss Stlmnt (\$)	BalMkt Repl Energy Settlement/ Hour / Stlmnt Results
BalMkt Repl Energy Settlement	RTD BalMkt Repl Loss Stlmnt (\$)	BalMkt Repl Energy Settlement/ RTD / Stlmnt Results
BalMkt Repl Energy Settlement	Day BalMkt Repl Cong Stlmnt (\$)	BalMkt Repl Energy Settlement/ Daily/ Stlmnt Results
BalMkt Repl Energy Settlement	Hr BalMkt Repl Cong Stlmnt (\$)	BalMkt Repl Energy Settlement/ Hour / Stlmnt Results
BalMkt Repl Energy Settlement	RTD BalMkt Repl Cong Stlmnt (\$)	BalMkt Repl Energy Settlement/ RTD / Stlmnt Results
BalMkt Repl Energy Settlement	Day Total BalMkt Repl Stlmnt (\$)	BalMkt Repl Energy Settlement/ Daily/ Stlmnt Results
BalMkt Repl Energy Settlement	Hr Total BalMkt Repl Stlmnt (\$)	BalMkt Repl Energy Settlement/ Hour / Stlmnt Results
BalMkt Repl Energy Settlement	RTD Total BalMkt Repl Stlmnt (\$)	BalMkt Repl Energy Settlement/ RTD / Stlmnt Results
BalMkt Repl Energy Settlement	Day BalMkt Repl Energy (MWh)	BalMkt Repl Energy Settlement /Daily/ Other Related Info
BalMkt Repl Energy Settlement	Hr BalMkt Repl Energy (MWh)	BalMkt Repl Energy Settlement / Hour / Other Related Info



Settlement	Object Name	Object Location (Class)
BalMkt Repl Energy Settlement	RTD BalMkt Repl Energy (MWh)	BalMkt Repl Energy Settlement / RTD / Billing Determinanants
Financial Impact Charge	Day Fin Imp Ch Stlmnt: Trans (\$)	Financial Impact Charge/ Daily
Financial Impact Charge	Hr Fin Imp Ch Stlmnt: Trans (\$)	Financial Impact Charge/ Hourly
Financial Impact Charge	RTD Fin Imp Ch Stlmnt: Trans (\$)	Financial Impact Charge/ RTD/ Stlmnt Results

Universe: Transaction Customer – Ancillary Services

Settlement	Object Name	Object Location (Class)
Ancillary Service Charges for Transaction Customers	Day MST Sched 1 Stlmnt - TC (\$)	Ancillary Services/MST Schedule 1/Daily
Ancillary Service Charges for Transaction Customers	Hr MST Sched 1 Stlmnt - TC (\$)	Ancillary Services/MST Schedule 1/Hourly/Stlmnt Results
Ancillary Service Charges for Transaction Customers	Day OATT Sched 1 Stlmnt - TC (\$)	Ancillary Services/OATT Schedule 1/Daily
Ancillary Service Charges for Transaction Customers	Hr OATT Sched 1 Stlmnt - TC (\$)	Ancillary Services/OATT Schedule 1/Hourly/Stlmnt Results
Ancillary Service Charges for Transaction Customers	Day VSS Stlmnt - TC (\$)	Ancillary Services/OATT Schedule 2 -VSS/Daily
Ancillary Service Charges for Transaction Customers	Hr VSS Stlmnt - TC (\$)	Ancillary Services/OATT Schedule 2-VSS/Hourly/Stlmnt Results



Settlement	Object Name	Object Location (Class)
Ancillary Service Charges for Transaction Customers	Day Op Res Stlmnt - TC (\$)	Ancillary Services/OATT Schedule 5-OpReserves/Daily
Ancillary Service Charges for Transaction Customers	Hr Op Res Stlmnt - TC (\$)	Ancillary Services/OATT Schedule 5-OpReserves /Hourly/Stlmnt Results
Ancillary Service Charges for Transaction Customers	Hr Ttl NYISO OpRes ShtChg to PS (\$)	Ancillary Services/OATT Schedule 5-OpReserves /Hourly/Billing Determinants
NYISO Residuals for Transaction Customers	Day DAM Resid Enrgy Stlmnt - TC (\$)	NYISO Residuals/DAM Energy Residuals/Daily
NYISO Residuals for Transaction Customers	Hr DAM Resid Enrgy Stlmnt - TC (\$)	NYISO Residuals/DAM Energy Residuals/Hourly/Stlmnt Results
NYISO Residuals for Transaction Customers	Hr Ttl NYISO DAM Enrgy Ch to LSE (\$)	NYISO Residuals/DAM Energy Residuals/Hourly/Billing Determinants
NYISO Residuals for Transaction Customers	Hr Ttl NYISO DAMLBMP EnrgyCh -TC (\$)	NYISO Residuals/DAM Energy Residuals/Hourly/Billing Determinants
NYISO Residuals for Transaction Customers	Day DAM Resid Loss Stlmnt - TC (\$)	NYISO Residuals/DAM Loss Residuals/Daily
NYISO Residuals for Transaction Customers	Hr DAM Resid Loss Stlmnt - TC (\$)	NYISO Residuals/DAM Loss Residuals/Hourly/Stlmnt Results
NYISO Residuals for Transaction Customers	Hr Ttl NYISO DAM Loss Ch to LSE (\$)	NYISO Residuals/DAM Loss Residuals/Hourly/Billing Determinants
NYISO Residuals for Transaction Customers	Hr Ttl NYISO DAMLBMP LssCh - TC (\$)	NYISO Residuals/DAM Loss Residuals/Hourly/Billing Determinants
NYISO Residuals for Transaction Customers	Hr Ttl NYISO DAMTUC Lss Ch - TC (\$)	NYISO Residuals/DAM Loss Residuals/Hourly/Billing Determinants
NYISO Residuals for Transaction Customers	Day Bal Resid Enrgy Stlmnt - TC (\$)	NYISO Residuals/BalMkt Energy Residuals/Daily
NYISO Residuals for Transaction Customers	Hr Bal Resid Enrgy Stlmnt - TC (\$)	NYISO Residuals/ BalMkt Energy Residuals /Hourly/Stlmnt Results
NYISO Residuals for Transaction Customers	Hr Ttl NYISO Bal Enrgy Ch to LSE (\$)	NYISO Residuals/ BalMkt Energy Residuals /Hourly/Billing Determinants
NYISO Residuals for Transaction Customers	Hr Ttl NYISO BalLBMP EnrgyCh -TC (\$)	NYISO Residuals/ BalMkt Energy Residuals /Hourly/Billing Determinants
NYISO Residuals for Transaction Customers	Day Bal Resid Loss Stlmnt - TC (\$)	NYISO Residuals/BalMkt Loss Residuals/Daily



Settlement	Object Name	Object Location (Class)
NYISO Residuals for Transaction Customers	Hr Bal Resid Loss Stlmnt - TC (\$)	NYISO Residuals/ BalMkt Loss Residuals /Hourly/Stlmnt Results
NYISO Residuals for Transaction Customers	Hr Ttl NYISO Bal Loss Ch to LSE (\$)	NYISO Residuals/ BalMkt Loss Residuals /Hourly/Billing Determinants
NYISO Residuals for Transaction Customers	Hr Ttl NYISO BalLBMP LssCh - TC (\$)	NYISO Residuals/ BalMkt Loss Residuals /Hourly/Billing Determinants
NYISO Residuals for Transaction Customers	Hr Ttl NYISO BalTUC LssChg - TC (\$)	NYISO Residuals/ BalMkt Loss Residuals /Hourly/Billing Determinants
NYISO Residuals for Transaction Customers	Day Bal Resid Cong Stlmnt - TC (\$)	NYISO Residuals/BalMkt Cong Residuals/Daily
NYISO Residuals for Transaction Customers	Hr Bal Resid Cong Stlmnt - TC (\$)	NYISO Residuals/ BalMkt Cong Residuals /Hourly/Stlmnt Results
NYISO Residuals for Transaction Customers	Hr Ttl NYISO Bal Cong Ch to LSE (\$)	NYISO Residuals/ BalMkt Cong Residuals /Hourly/Billing Determinants
NYISO Residuals for Transaction Customers	Hr Ttl NYISO BalLBMP CngCh - TC (\$)	NYISO Residuals/ BalMkt Cong Residuals /Hourly/Billing Determinants
NYISO Residuals for Transaction Customers	Hr Ttl NYISO BalTUC CngCh to TC (\$)	NYISO Residuals/ BalMkt Cong Residuals /Hourly/Billing Determinants
Uplift Allocations for Transaction Customers	Day Imp ECA Sup Gnt Stlmnt - TC (\$)	Uplift Allocations/Imp ECA Supplier Guarantee/Daily
Uplift Allocations for Transaction Customers	Hr Imp ECA Sup Gnt Stlmnt - TC (\$)	Uplift Allocations/Imp ECA Supplier Guarantee/Daily
Uplift Allocations for Transaction Customers	Day DAM Mrgn Assrnc Stlmnt - TC (\$)	Uplift Allocations/Imp ECA Supplier Guarantee/Daily
Uplift Allocations for Transaction Customers	Hr DAM Mrgn Assrnc Stlmnt - TC (\$)	Uplift Allocations/DAM Margin Assurance/Hourly/Stlmnt Results
Uplift Allocations for Transaction Customers	Day DAM BPCG Stlmnt - TC (\$)	Uplift Allocations/DAM BPCG
Uplift Allocations for Transaction Customers	Day RT BPCG Stlmnt - TC (\$)	Uplift Allocations/RT BPCG
Uplift Allocations for Transaction Customers	Day DAM Trans BPCG Stlmnt - TC (\$)	Uplift Allocations/DAM Trans BPCG
Uplift Allocations for Transaction Customers	Day RT Trans BPCG Stlmnt - TC (\$)	Uplift Allocations/RT Trans BPCG



Settlement	Object Name	Object Location (Class)
Uplift Allocations for Transaction Customers	Day ELR DAM MargAsrc Stlmnt-TC (\$)	Uplift Allocations/ELR DAM Margin Assurance
Uplift Allocations for Transaction Customers	Day Supp Event Stlmnt: TC (\$)	Uplift Allocations/Supplemental Event Charge/Daily
Uplift Allocations for Transaction Customers	Hr Supp Event Stlmnt: TC (\$)	Uplift Allocations/Supplemental Event Charge/ Hourly/Stlmnt Results
Settlement Allocations for Transmission Customers	Day Emergency Purch Stlmnt - TC (\$)	Settlement Allocations/Emergency Purchases/Daily
Settlement Allocations for Transmission Customers	Hr Emergency Purch Stlmnt - TC (\$)	Settlement Allocations/Emergency Purchases/ Hourly/Stlmnt Results
Settlement Allocations for Transmission Customers	Day Emergency Sales Stlmnt - TC (\$)	Settlement Allocations/Emergency Sales/Daily
Settlement Allocations for Transmission Customers	Hr Emergency Sales Stlmnt - TC (\$)	Settlement Allocations/Emergency Sales/ Hourly/Stlmnt Results
Settlement Allocations for Transmission Customers	Day NTAC Stlmnt - TC (\$)	Settlement Allocations/NTAC/Daily
Settlement Allocations for Transmission Customers	Hr NTAC Stlmnt - TC (\$)	Settlement Allocations/NTAC/ Hourly/Stlmnt Results

Universe: Transmission Owner

Settlement	Object Name	Object Location (Class)
DAM Congestion Residual for Transmission Owners	Day Ttl NYISO DAM Cng Ch to LSE (\$)	DAM Excess Cong Residuals/Daily/Billing Determinants
DAM Congestion Residual for Transmission Owners	Day Ttl NYISO DAMLBMP Cng Ch -TC (\$)	DAM Excess Cong Residuals/Daily/Billing Determinants
DAM Congestion Residual for Transmission Owners	Day Ttl NYISO DAMTUC Cng Ch - TC (\$)	DAM Excess Cong Residuals/Daily/Billing Determinants



Universe: Transmission Congestion Contract

Settlement	Object Name	Object Location (Class)
	-None-	

Universe: Virtual Market

Settlement	Object Name	Object Location (Class)
Virtual Supply Market Settlements	Day DAM VSupply Energy (MW)	Virtual Supply Market/DAM VSupply Settlement/Daily/Other Related Info Virtual Supply Market/BalMkt VSupply Settlement/Daily/Other Related Info
Virtual Supply Market Settlements	Hr DAM VSupply Energy (MW)	Virtual Supply Market/DAM VSupply Settlement/Hourly/Billing Determinants Virtual Supply Market/BalMkt VSupply Settlement/Hourly/Billing Determinants Virtual Supply Market/BalMkt VSupply Settlement/Hourly/Other Related Info



Settlement	Object Name	Object Location (Class)
Virtual Load Market Settlements	Day Total DAM VLoad Stlmnt (\$)	Virtual Load Market/DAM VLoad Settlement/ Daily/Stlmnt Results
Virtual Load Market Settlements	Hr Total DAM VLoad Stlmnt (\$)	Virtual Supply Market/ DAM VLoad Settlement /Hourly/Stlmnt Results
Virtual Load Market Settlements	Day DAM VLoad Engy Stlmnt (\$)	Virtual Load Market/ DAM VLoad Settlement/ Daily/Stlmnt Results
Virtual Load Market Settlements	Hr DAM VLoad Engy Stlmnt (\$)	Virtual Supply Market/ DAM VLoad Settlement /Hourly/Stlmnt Results
Virtual Load Market Settlements	Day DAM VLoad Loss Stlmnt (\$)	Virtual Load Market/ DAM VLoad Settlement/Daily/Stlmnt Results
Virtual Load Market Settlements	Hr DAM VLoad Loss Stlmnt (\$)	Virtual Supply Market/ DAM VLoad Settlement /Hourly/Stlmnt Results
Virtual Load Market Settlements	Day DAM VLoad Cong Stlmnt (\$)	Virtual Load Market/ DAM VLoad Settlement/Daily/Stlmnt Results
Virtual Load Market Settlements	Hr DAM VLoad Cong Stlmnt (\$)	Virtual Supply Market/ DAM VLoad Settlement /Hourly/Stlmnt Results
Virtual Load Market Settlements	Day Total BalMkt VLoad Stlmnt (\$)	Virtual Load Market/ BalMkt VLoad Settlement/Daily/Stlmnt Results
Virtual Load Market Settlements	Hr Total BalMkt VLoad Stlmnt (\$)	Virtual Load Market/BalMkt VLoad Settlement/Hourly/Stlmnt Results
Virtual Load Market Settlements	RTD Total BalMkt VLoad Stlmnt (\$)	Virtual Load Market/BalMkt VLoad Settlement/RTD/Stlmnt Results
Virtual Load Market Settlements	Day BalMkt VLoad Engy Stlmnt (\$)	Virtual Load Market/BalMkt VLoad Settlement /Daily/Stlmnt Results
Virtual Load Market Settlements	Hr BalMkt VLoad Engy Stlmnt (\$)	Virtual Load Market/BalMkt VLoad Settlement/Hourly/Stlmnt Results
Virtual Load Market Settlements	RTD BalMkt VLoad Engy Stlmnt (\$)	Virtual Load Market/BalMkt VLoad Settlement/RTD/Stlmnt Results
Virtual Load Market Settlements	Day BalMkt VLoad Loss Stlmnt (\$)	Virtual Load Market/BalMkt VLoad Settlement /Daily/Stlmnt Results
Virtual Load Market Settlements	Hr BalMkt VLoad Loss Stlmnt (\$)	Virtual Load Market/BalMkt VLoad Settlement/Hourly/Stlmnt Results



Settlement	Object Name	Object Location (Class)
Virtual Load Market Settlements	RTD BalMkt VLoad Loss Stlmnt (\$)	Virtual Load Market/BalMkt VLoad Settlement/RTD/Stlmnt Results
Virtual Load Market Settlements	Day BalMkt VLoad Cong Stlmnt (\$)	Virtual Load Market BalMkt VLoad Settlement /Daily/Stlmnt Results
Virtual Load Market Settlements	Hr BalMkt VLoad Cong Stlmnt (\$)	Virtual Load Market/BalMkt VLoad Settlement/Hourly/Stlmnt Results
Virtual Load Market Settlements	RTD BalMkt VLoad Cong Stlmnt (\$)	Virtual Load Market/BalMkt VLoad Settlement/RTD/Stlmnt Results

Universe: Demand Response

Settlement	Object Name	Object Location (Class)
	-None-	