



Customer Statements to Decision Support System Mapping

Table of Contents:

Document Purpose	4
Known Differences between NYISO Customer Statement Files and DSS Data	4
Other Assumptions	4
REVISION HISTORY	5
FILE ONE: Hourly Data	6
I. Power Supplier Data (Hourly)	6
II. Transmission Customers Data - LSE LBMP Energy (Hourly)	19
III. Transmission Customers Data - Transaction TUC and TSC Charges (Hourly)	20
IV. Transmission Customers Data - Transaction LBMP Energy Charges (Hourly)	23
V. Transmission Customers Data - Ancillary Service Charges (Hourly)	26
VI. Transmission Congestion Contract Holders Data (Hourly)	43
VII. Demand Reduction Programs (Hourly)	44
VIII. Virtual Bidding (Hourly)	47
IX. Transmission Owner Data [appears only in Transmission Owner advisory statements] (Hourly)	49
X. Transmission Owner Data - NYPA NTAC [appears only in NYPA’s advisory statements] (Hourly)	50
XI. Transmission Owner Data - Grandfathered Transaction Exempt from TSC [only in TO advisory statements] (Hourly)	50
XII. Transmission Owner Data - Service Payments [only in TO advisory statements] (Hourly)	51
XIII. Transmission Customers Data - Trading Hub LBMP Transactions - (Hourly)	52
FILE TWO: Daily Data	54
I. Power Suppliers Data (Daily)	54
II. Transmission Customers Data - LSE LBMP Energy and Transaction TUC and TSC Charges (Daily)	59
III. Transmission Customers Data - Transaction LBMP Energy (Daily)	62
IV. Transmission Customers Data - Ancillary Service Charges (Daily)	65
V. Transmission Congestion Contract Holders Data (Daily)	80
VI. Transmission Owners NTAC and DAM Congestion Balancing [only in TOs’ advisory statements] (Daily)	81
VII. Demand Reduction Programs (Daily)	8281
VIII. Virtual Bidding (Daily)	84



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

VIII. Transmission Owner Data- Service Payments [only in TO advisory statements] (Daily)	86
IX. Transmission Customers Data - Trading Hub LBMP Transactions - (Daily)	86

Document Purpose

The purpose of this document is to provide DSS users with a mapping of NYISO Customer Statement data elements to NYISO Decision Support System (DSS) data elements and to provide users with locations of those elements within the DSS.

Known Differences between NYISO Customer Statement Files and DSS Data

Data contained in the DSS will differ slightly from data contained in Customer Statement CSV files, MIS Download files, and Consolidated Invoice files. The following is a list of known differences:

- The number of seconds in an SCD interval as reported by MIS Download is not correct, however, it is correct in the DSS.
- Some values may be off slightly when aggregating up to the hour/day/month level due to slight rounding issues.
- There are no Transaction Contract Numbers that are over 1,000,000,000 in the Customer Statement files. When the Customer Statement files are created, 1,000,000,000 is subtracted from the Transaction Contract Number for any that exceed 1,000,000,000. For example, a Transaction Contract Number of 1,000,000,245 will be reported as 245 in the Customer Statement files. However, the DSS reports the Transaction Contract Number as 1,000,000,245.
- Some elements in the Customer Statement files are broken out into multiple elements in the DSS for deeper reporting granularity. They are documented below.

Other Assumptions

- Elements may be found in other DSS Universes/DSS Classes in addition to The Primary DSS Universe/DSS Class as noted in the tables below.
- The mapping is based on Data Dictionary Version 28.

Data Available

Market Participants will be able to download data elements from DSS for February 1, 2005 through the present.

REVISION HISTORY

- April 7, 2004 - Replaced the DSS Object Name for Billing Code 205 from Day DAM BPCG Stlmnt (\$) to Hr DAM Total Net Rev (\$). Also updated the location of the element in the Power Suppliers Universe (this element is in the DAM BPCG Settlement – Intermediate Calculations class).
- July 13, 2004 – Corrected the Primary DSS Universe for File Two, Section VI to Transmission Owners.
- October 14, 2004 – Made global updates/corrections and specific updates for SMD.
- March 9, 2005 – Made changes to the DSS Object Names that correspond to Billing Code 310 for pre-SMD billing days.
- June 24, 2005 – Made changes to support sign convention correction in the DSS. Made additional minor updates to a few object names.
- May 18, 2006 – Added Demand Reduction Bid information related to NYISO Schedule 1 Charges (MgP)
- July 6, 2006 – Added Real Time BPCG Guaranteed Payments Mitigation information (MgP)
- November 15, 2006 – Corrected sign requirements for Daily Billing Codes 320, 322, 324 and 326 and Hourly Billing Codes 256, 258, 260 and 262.
- November 15, 2006 – Added “updated date” to headings.
- April 1, 2008 – Added Ramapo PAR, Station 80, and Local Black Start Information.
- Sept. 9, 2008 – Added Local Black Start Test/Train Information
- November 1, 2008 – Added Margin Restoration (Min Oil Burn) Information
- Sept. 17, 2009 – Added Trading Hub LBMP Transactions Information
- May 10, 2011 – Added EDRP/SCR
- October 24, 2012 – Added changes related to Regulation Compensation /Order 755 project
- October 15, 2014 – Added Data Retention related statement to page four.
- **June 17, 2015 – Added changes related to Regulated Transmission Cost Recovery project**

FILE ONE: Hourly Data

I. Power Supplier Data (Hourly)

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
100	Org Name	VARCHAR2(50)	ID	Name of the Organization		Cust Stlmt – Power Suppliers Organization	ORG Name
200	Gen name	VARCHAR2(50)	ID	Name for the Generator		Cust Stlmt – Power Suppliers Generators	Gen Name
201	Gen PtId	NUMBER(5)	ID	NYISO assigned point identifier		Cust Stlmt – Power Suppliers Generators	Gen PTID
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date		Cust Stlmt – Power Suppliers Time/Day	Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY.
102	Start hour	NUMBER(2)	Hour	Start Hour		Cust Stlmt – Power Suppliers Time/Hour	Interval Start Hour (Eastern)
202	Day Ahead Hrly LBMP MWh	NUMBER(17,4)	MWh	LBMP MWs sold Day-Ahead, based on decremental bid may be (-) which results in a purchase of LBMP MWs Day-Ahead (Day-Ahead Scheduled MWs – Bilateral Transaction MWs)	+ = Sale to the ISO	Cust Stlmt – Power Suppliers DAM Energy Settlement/Hourly/Billing Determinants	Hr NYISO DAM Energy (MW)
203	Day Ahead Hrly LBMP \$	NUMBER(15,2)	\$\$	LBMP price at this generator bus		Cust Stlmt – Power Suppliers DAM Energy Settlement/Hourly/Billing Determinants	DAM Total Price: Gen (\$/MW)
204	Day Ahead forward Energy \$	NUMBER(15,2)	\$\$	Generator total DAM LBMP value	+ = Due Generator	Cust Stlmt – Power Suppliers DAM Energy Settlement/Hourly/Stlmt Results	Hr Total DAM Stlmt: Gen (\$)
205	Day Ahead BPCG \$	NUMBER(15,2)	\$\$	Generator bid production cost	+ = Due Generator	Cust Stlmt – Power Suppliers DAM BPCG Settlement/Intermediate Calculations	Hr DAM Total Net Cost (\$)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
206	Day Ahead Startup \$	NUMBER(15,2)	\$\$	Start up payment	+ = Due Generator	Cust Sttlmt – Power Suppliers <u>DAM BPCG Settlement/Billing Determinants</u>	Day DAM Start Up Cost (\$)
207	Hrly Integrated R/T Balancing MWh	NUMBER(17,4)	MWh	Time weighted hourly MWh value to be billed, can be calculated using the actual metered, SCD ramped base point or AGC ramped base point at each SCD interval as the net from day ahead to real time.	+ = Sale to the ISO	Cust Sttlmt – Power Suppliers <u>BalMkt Energy Settlement/Hourly/Other Related Info</u>	Hr Gen BalMkt Energy (MWh) + Hr CLR (MW)
208	Hrly Integrated R/T Bus LBMP \$	NUMBER(15,2)	\$\$	Time and load weighted hourly Real-Time LBMP price at this generator bus		Cust Sttlmt – Power Suppliers <u>BalMkt Energy Settlement/Hourly/Other Related Info</u>	Hr RT Total Price: Gen (\$/MW)
209	Hrly Balancing Energy \$	NUMBER(15,2)	\$\$	Generator total balancing LBMP value	+ = Due Generator	Cust Sttlmt – Power Suppliers <u>BalMkt Energy Settlement/Hourly/Stlmt Results</u>	Hr Total BalMkt Stlmt: Gen (\$) + Hr Total CLR BalMkt Stlmt: Gen (\$)
210	R/T BPCG \$	NUMBER(15,2)	\$\$	Bid production cost value for energy scheduled and delivered in the real time market not covered in the day ahead market	+ = Due Generator	Cust Sttlmt – Power Suppliers <u>Real Time BPCG Settlement/Settlements Results</u>	Hr RT Total Net Cost (\$)
211	R/T Startup \$	NUMBER(15,2)	\$\$	Start up cost value for start ups scheduled in the hour ahead or supplemental markets	+ = Due Generator	Cust Sttlmt – Power Suppliers <u>Real Time BPCG Settlement/Intermediate Calculations/Startup Costs</u>	Hr RT Startup Cost (\$)
212	Monthly Voltage Service \$ (constant)	NUMBER(15,2)	\$\$	Monthly generator voltage service rate for units providing FERC Form 1 data this value is the unit fixed yearly rate. For all others this value is the NYISO calculated voltage service rate.		Cust Sttlmt - PowerSupplrs: AncServ <u>Voltage Support Service/VSS Credit/Hourly/Other Related info</u>	Mo VSS Rate (\$)
213	% Time Unit or Synch Cond I/S (hour)	NUMBER (5,2)	##			Cust Sttlmt - PowerSupplrs: AncServ <u>Voltage Support Service/VSS Credit/Hourly/Other Related info</u>	Hr VSS In Service (%)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
214	Voltage Support \$	NUMBER(15,2)	\$\$	Voltage payment based on in service time and fixed rate or fixed payment schedule for units under contract to supply installed capacity	+ = Due Generator	Cust Stlmt - PowerSupplrs: AncServ Voltage Support Service/VSS Credit/Hourly/Stlmt Results	Hr VSS Stlmt (\$)
215	Hrly VSS LOC \$	NUMBER(15,2)	\$\$	Lost opportunity cost value for units directed to hold a MW output to support voltage	+ = Due Generator	Cust Stlmt - PowerSupplrs: AncServ Voltage Support Service/VSS LOC/Hourly	Hr VSS LOC Stlmt (\$)
216	11/18/1999 – 9/30/2001: Availability Index 0/1/2001 – Current: Performance Index	NUMBER (17,4)	##	Availability Index: % of number of seconds unit is on control for the hour Performance Index: unit performance index, as computed by Performance Tracking System		Cust Stlmt - PowerSupplrs: AncServ Regulation Service/DAM Regulation Capacity/Hourly/Intermediate Calculations Regulation Service/DAM Regulation Capacity/Hourly/Billing Determinants	Resource Availability Index Hr Perf Index: Time Weight
217	Hrly Day Ahead Reg Avail	NUMBER(17,4)	MWh	SCUC Scheduled Regulation Capacity		Cust Stlmt - PowerSupplrs: AncServ Regulation Service/DAM Regulation Capacity/Hourly/Billing Determinants	Hr DAM Sched Reg Capacity (MW)
218	Hrly Day Ahead Reg MC \$	NUMBER(15,2)	\$\$	DAM Regulation market clearing price		Cust Stlmt - PowerSupplrs: AncServ Regulation Service/DAM Regulation Capacity/Hourly/Billing Determinants	Hr DAM Reg Capacity Price (\$/MW)
219	Hrly Suppl Reg Avail	NUMBER(17,4)	MWh	SRE/BME Scheduled Regulation Capacity		Cust Stlmt - PowerSupplrs: AncServ Regulation Service/Sup Regulation Availability/Hourly/Intermediate Calculations	Hr Sup Sched Reg Avail (MW)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
220	Integrated Hrly Suppl MC \$	NUMBER(15,2)	\$\$	Regulation supplemental market clearing price		Cust Stlmt - PowerSupplrs: AncServ Regulation Service/Sup Regulation Availability/Hourly/Billing Determinants	HAM Reg Price (\$/MW)
221	Reg Replacement cost \$	NUMBER(15,2)	\$\$	Regulation availability replacement charge	+ = Due ISO	Cust Stlmt - PowerSupplrs: AncServ Regulation Replacement/Hourly	-1* Hr Reg Replacement Cost (\$)
222	Regulation Charge \$	NUMBER(15,2)	\$\$	Regulation charge for causing regulation	+ = Due ISO	Cust Stlmt - PowerSupplrs: AncServ Regulation Penalty/Hourly	-1* Hr Reg Penalty (\$)
223	Hrly 30 Min MCP \$	NUMBER(15,2)	\$\$	30Min Reserve market clearing price		Cust Stlmt - PowerSupplrs: AncServ 30-Min Operating Reserves/DAM 30-Min OperRes Availability/Hourly/Billing Determinants	Hr DAM 30Min Price (\$/MW)
224	Hrly 30 Min Res MWhr	NUMBER(17,4)	MWh	30Min Reserve accepted MWs		Cust Stlmt - PowerSupplrs: AncServ 30-Min Operating Reserves/DAM 30-Min OperRes Availability/Hourly/Billing Determinants	Hr DAM Sched 30Min Avail (MW)
225	Hrly Suppl 30 Min MCP \$	NUMBER(15,2)	\$\$	30Min reserve supplemental market clearing price		Cust Stlmt - PowerSupplrs: AncServ 30-Min Operating Reserves/Sup 30-Min OperRes Availability/Hourly/Billing Determinants	Hr HAM 30Min Price (\$/MW)
226	Hrly Suppl 30 Min Res MWhr	NUMBER(17,4)	MWh	30Min reserve accepted supplemental availability MWs		Cust Stlmt - PowerSupplrs: AncServ 30-Min Operating Reserves/Sup 30-Min OperRes Availability/Hourly//Inter mediate Calculations	Hr Sup Sched 30Min Avail (MW)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
227	Hrly 30 Min Res Avail \$	NUMBER(15,2)	\$\$	Total 30Min reserve payment	+ = Due Generator	Cust Stlmt - PowerSupplrs: AncServ <hr/> 30-Min Operating Reserves/DAM 30-Min OperRes Availability/Hourly/Intermediate Calculations 30-Min Operating Reserves/Sup 30-Min OperRes Availability/Hourly/Intermediate Calculations 30-Min Operating Reserves/30-Min Reduction/Hourly/Intermediate Calculations 30-Min Operating Reserves/DAM 30-Min OperRes Availability/Hourly/Stlmt Results 30-Min Operating Reserves/BalMkt 30-Min OperRes Availability/Hourly/Stlmt Results	For Pre-SMD Billing Days: Hr DAM 30Min Unadj Avail (\$) + Hr Sup 30Min Unadj Avail (\$) + Hr 30Min Reduct Unadj Ch (\$) For Post-SMD Billing Days: Hr DAM 30Min Avail Stlmt (\$) + Hr BalMkt 30Min Avail Stlmt (\$)
228	Hrly Synch Res MCP \$	NUMBER(15,2)	\$\$	10Min Synchronous reserve market clearing price		Cust Stlmt - PowerSupplrs: AncServ <hr/> 10-Min Sync Operating Reserves/DAM 10-Min Sync Availability/Hourly/Billing Determinants	Hr DAM 10Sync Price (\$/MW)
229	Hrly Synch Res MWhr	NUMBER(17,4)	MWh	10Min Synchronous reserve accepted MWs		Cust Stlmt - PowerSupplrs: AncServ <hr/> 10-Min Sync Operating Reserves/DAM 10-Min Sync Availability/Hourly/Billing Determinants	Hr DAM Sched 10Sync Avail (MW)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
230	Hrly Suppl Synch Res MCP \$	NUMBER(15,2)	\$\$	10Min synchronous reserve supplemental market clearing price		Cust Stlmt - PowerSupplrs: AncServ <u>10-Min Sync Operating Reserves/Sup 10-Min Sync Availability/Hourly/Billing Determinants</u>	Hr HAM 10Sync Price (\$/MW)
231	Hrly Suppl Synch Res MWhr	NUMBER(17,4)	MWh	10Min synchronous reserve supplemental accepted availability MWhs		Cust Stlmt - PowerSupplrs: AncServ <u>10-Min Sync Operating Reserves/Sup 10-Min Sync Availability/Hourly/Intermediate Calculations</u>	Hr Sup Sched 10SyncRes Avail (MW)
232	Hrly Synch Res Avail \$	NUMBER(15,2)	\$\$	Total 10Min synchronous reserve payment	+ = Due Generator	Cust Stlmt - PowerSupplrs: AncServ <u>10-Min Sync Operating Reserves/DAM 10-Min Sync Availability/Hourly/Intermediate Calculations</u> 10-Min Sync Operating Reserves/Sup 10-Min Sync Availability/Hourly/Intermediate Calculations 10-Min Sync Operating Reserves/ 10-Min Sync Reduction/Hourly/Intermediate Calculations 10-Min Sync Operating Reserves/DAM 10-Min Sync Availability/Hourly/Stlmt Results 10-Min Sync Operating Reserves/BalMkt 10-Min Sync Availability/Hourly/Stlmt Results	For Pre-SMD Billing Days: Hr DAM 10Sync Unadj Avail (\$) + Hr Sup 10Sync Unadj Avail (\$) + Hr 10Sync Reduct Unadj Ch (\$) For Post-SMD Billing Days: Hr DAM 10Sync Avail Stlmt (\$) + Hr BalMkt 10Sync Avail Stlmt (\$)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
233	Hrly 10 Min Non Synch MCP \$	NUMBER(15,2)	\$\$	10Min Non-Synchronous reserve market clearing price		Cust Stlmt - PowerSupplrs: AncServ <hr/> 10-Min Non-Sync Operating Reserves/DAM 10-Min NonSync Availability/Hourly/Billin g Determinants	Hr DAM 10NSync Price (\$/MW)
234	Hrly 10 Min Non Synch Res MWhr	NUMBER(17,4)	MWh	10Min Non-Synchronous Reserve accepted MWs		Cust Stlmt - PowerSupplrs: AncServ <hr/> 10-Min Non-Sync Operating Reserves/DAM 10-Min NonSync Availability/Hourly/Billin g Determinants	Hr DAM Sched 10NSync Avail (MW)
235	Hrly Suppl 10 Min Non Synch MCP \$	NUMBER(15,2)	\$\$	10Min non-synchronous reserve supplemental market clearing price		Cust Stlmt - PowerSupplrs: AncServ <hr/> 10-Min Non-Sync Operating Reserves/Sup 10-Min NonSync Availability/Hourly/Billin g Determinants	Hr HAM 10NSync Price (\$/MW))
236	Hrly Suppl 10 Min Non Synch MWhr	NUMBER(17,4)	MWh	10Min non-synchronous reserve supplemental accepted availability MWs		Cust Stlmt - PowerSupplrs: AncServ <hr/> 10-Min Non-Sync Operating Reserves/Sup 10-Min NonSync Availability/Hourly/Inter mediate Calculations	Hr Sup Sched 10NSync Avail (MW)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
237	Hrly 10 Min Non Synch Res Avail \$	NUMBER(15,2)	\$\$	Total 10Min non-synchronous reserve payment	+ = Due Generator	Cust Stlmt - PowerSupplrs: AncServ <hr/> 10-Min Non-Sync Operating Reserves/DAM 10-Min NonSync Availability/Hourly/Intermediate Calculations 10-Min Non-Sync Operating Reserves/Sup 10-Min NonSync Availability/Hourly/Intermediate Calculations 10-Min Non-Sync Operating Reserves/10-Min NonSync Reduction/Hourly/Intermediate Calculations 10-Min Non-Sync Operating Reserves/DAM 10-Min NonSync Availability/Hourly/Stlmt Results 10-Min Non-Sync Operating Reserves/BalMkt 10-Min NonSync Availability/Hourly/Stlmt Results	For Pre-SMD Billing Days: Hr DAM 10NSync Unadj Avail (\$) + Hr Sup 10NSync Unadj Avail (\$) + Hr 10NSync Reduct Unadj Ch (\$)
							For Post-SMD Billing Days: Hr DAM 10NSync Avail Stlmt (\$) + Hr BalMkt 10NSync Avail Stlmt (\$)
238	Hrly LRR DAM Contract Balancing Payment \$	NUMBER(15,2)	\$\$	LRR payment to make units whole for being dispatched below their day-ahead schedule out-of-merit	+ = Due Generator	Cust Stlmt – Power Suppliers <hr/> DAMAP Settlement - Pre-SMD/Hourly/Settlements Results Or DAMAP Settlement – SMD/Stlmt Results	Hr DAM MargAsrc LRR Stlmt (\$)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
239	Hrly DAM Contract Balancing Payment \$	NUMBER(15,2)	\$\$	Payment to make units whole for being dispatched below their day-ahead schedule out-of-merit	+ = Due Generator	Cust Stlmt – Power Suppliers <u>DAMAP Settlement - Pre-SMD/Hourly/Settlements Results</u> Or <u>DAMAP Settlement – SMD/Stlmt Results</u>	Hr DAM MargAsrc Stlmt (\$)
240	Hrly Synch Res LOC \$	NUMBER(15,2)	\$\$	Spinning reserve lost opportunity payment	+ = Due Generator	Cust Stlmt - <u>PowerSupplrs: AncServ</u> <u>Operating Reserves LOCs & Penalties/Synch LOC/Hourly</u>	Hr 10Sync LOC Credit (\$)
241	Hrly 30 Min Res Reduction MWhr	NUMBER(15,2)	MWh			Cust Stlmt - <u>PowerSupplrs: AncServ</u> <u>30-Min Operating Reserves/30-Min Reduction/Hourly/Billing Determinants</u>	Hr 30Min Reduction – Total (MW)
242	Synch Res Reduction MWhr	NUMBER(15,2)	MWh			Cust Stlmt - <u>PowerSupplrs: AncServ</u> <u>10-Min Synch Operating Reserves/10-Min Synch Reduction/Hourly/Billing Determinants</u>	Hr 10Sync Reduction – Total (MW)
243	Hrly 10 Min Non Synch Res Reduction MWhr	NUMBER(15,2)	MWh			Cust Stlmt - <u>PowerSupplrs: AncServ</u> <u>10-Min Non-Synch Operating Reserves/10-Min NonSynch Reduction/Hourly/Intermediate Calculations</u>	Hr 10NSynch Reduct – Unavail (MW)
244	Reserve Penalty \$	NUMBER(15,2)	\$\$	Requested reserve shortfall charge	+ = Due ISO	Cust Stlmt - <u>PowerSupplrs: AncServ</u> <u>Operating Reserve LOCs & Penalties/10-Min Penalty/Hourly/Stlmt Results</u>	-1* Hr 10Min Shortfall Stlmt (\$)
245	Avg Supply Ratio	NUMBER(17,4)	##	Reserve supply Performance ratio		Cust Stlmt - <u>PowerSupplrs: AncServ</u> <u>10-Min Synch Operating</u>	Day Op Res Avg Supply Perf Ratio



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						Reserves/DAM 10-Min Sync Availability/Hourly/Billing Determinants	
246	Hrly 10 Min Non Synch Res LOC \$	NUMBER(15,2)	\$\$	10Min non-synchronous reserve lost opportunity cost payment	+ = Due Generator	Cust Stlmt - PowerSupplrs: AncServ <u>Operating Reserves LOCs and Penalties/10-Min NonSync LOC/Hourly</u>	Hr Adj 10NSync LOC Cred (\$)
5200	Out of Merit Flag	VARCHAR2(1)	ID	Y/N Out of Merit indication		Cust Stlmt - PowerSupplrs: AncServ <u>10-Min Sync Operating Reserves/10-Min Sync Reduction/Hourly/Billing Determinants</u>	Hr Out of Merit Flag
5210	Local Reliability Flag	VARCHAR2(1)	ID	Y/N indication if unit out of merit for local reliability		Not currently available at the Hourly level. However, it is available at the SCD level. Cust Stlmt - Power Suppliers <u>BalMkt Energy Settlement/SCD/Other Related Info</u>	Not currently available at the Hourly level. However, it is available at the SCD level. Local Reliability Rules Flag
5220	Out of Merit Flag Memo	VARCHAR2(200)	ID	Reason for unit placed out of merit		Cust Stlmt - PowerSupplrs: AncServ <u>Voltage Support Service/VSS Credit/Hourly/Other Related Info</u>	Hr Out of Merit Memo
5230	Eligible Mingen Flag	VARCHAR2(1)	ID	Eligible for min gen payment Y/N flag		Cust Stlmt - Power Suppliers <u>Real Time BPCG Settlement/Billing Determinants</u>	Eligible for RT BPCG Flag
5240	Ramp rate constraint flag	VARCHAR2(1)	ID	Y/N indication if unit was ramp rate constrained		Cust Stlmt - Power Suppliers <u>BalMkt Energy Settlement/Hourly/Other Related Info</u>	Ramp Rate Constrained Flag
5250	Mitigated Unit Flag					N/A	N/A



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
5260	Regulating unit flag	VARCHAR2(1)	ID	Y/N indication of regulating units		Not currently available	Not currently available
5270	Dispatch Seconds	NUMBER(6)	##	Number of seconds during the hour the unit was on dispatch.		Cust Sttlmt – Power Suppliers DAM Margin Assurance Settlement/SCD/Billing Determinants	Hr # Seconds On Dispatch
5280	Number of Reserve Pickup Intervals	NUMBER(1)	##	Number of reserve pick-ups during the hour		Not currently available	Not currently available
250	Hrly Bal Mkt Reg Avail MWhr	NUMBER(17,4)	MWh	Balancing Market Scheduled Regulation Capacity		Cust Sttlmt - PowerSupplrs: AncServ Regulation Service/BalMkt Regulation Capacity/Hourly/Other Related Info	Hr BalMkt Reg Capacity (MW)
251	Hrly Bal Mkt Reg Avail \$	NUMBER(15,2)	\$\$	Balancing Market Regulation Availability payment	+ = Due Generator	Cust Sttlmt - PowerSupplrs: AncServ Regulation Service/BalMkt Regulation Capacity/Hourly/Stlmnt Results	Hr BalMkt Reg Capacity Stlmnt (\$)
252	Hrly Reg Rev Adj \$	NUMBER(15,2)	\$\$	Regulation Revenue Adjustment payment	+ = Due Generator	Cust Sttlmt - PowerSupplrs: AncServ Regulation Service/Regulation Revenue Adj/Hourly/Stlmnt Results	Hr Reg Rev Adj Stlmnt (\$)
253	Hrly Sup Event Credit \$	NUMBER(15,2)	\$\$	Supplemental Event Credit payment	+ = Due Generator	Cust Sttlmt – Power Suppliers Supplemental Event Credit/Hourly/Stlmnt Results	Hr Supplemental Event Stlmnt (\$)
254	Injection MWhr	NUMBER(17,4)	MWh	Injection MWhr		Cust Sttlmt - PowerSupplrs: AncServ ISO Services Charges/MST Schedule 1/Hourly/Intermediate Calculations	Hr Sched 1 Inject (MW)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
255	S SC&D MST Inject Rate	NUMBER(15,2)	\$/MWh	ISO MST schedule 1 rate on injections		Cust Stlmt - PowerSupplrs: AncServ ISO Services Charges/MST Schedule 1/Hourly/Intermediate Calculations	Hr MST Sched 1 Rate: Inj (\$/MW)
256	S SC&D MST Inject Charge \$	NUMBER(15,2)	\$\$	ISO MST schedule 1 charge on injections	+ = Due ISO	Cust Stlmt - PowerSupplrs: AncServ ISO Services Charges/MST Schedule 1/Hourly/Stlmt Results	-1* Hr MST Sched 1 Inj Stlmt: Gen (\$)
257	S SC&D OAT Inject Rate	NUMBER(15,2)	\$/MWh	ISO OAT schedule 1 rate on injections		Cust Stlmt - PowerSupplrs: AncServ ISO Services Charges/OATT Schedule 1/Hourly/Intermediate Calculations	Hr OATT Sched 1 Rate: Inj (\$/MW)
258	S SC&D OAT Inject Charge \$	NUMBER(15,2)	\$\$	ISO OAT schedule 1 charge on injections	+ = Due ISO	Cust Stlmt - PowerSupplrs: AncServ ISO Services Charges/OATT Schedule 1/Hourly/Stlmt Results	-1* Hr OATT Sched 1 Inj Stlmt: Gen (\$)
259	Misc Exp MST Inject Rate	NUMBER(15,2)	\$/MWh	ISO MST miscellaneous expenses rate on injections		Cust Stlmt - PowerSupplrs: AncServ ISO Services Charges/MST Misc Exp/Hourly/Intermediate Calculations	Hr MST Ttl Misc Exp Rate:Inj (\$/MW)
260	Misc Exp MST Inject Charge \$	NUMBER(15,2)	\$\$	ISO MST miscellaneous expenses charge on injections	+ = Due ISO	Cust Stlmt - PowerSupplrs: AncServ ISO Services Charges/MST Misc Exp/Hourly/Stlmt Results	-1* Hr MST Ttl Msc Exp Inj Stmt:Gen (\$)
261	Misc Exp OAT Inject Rate	NUMBER(15,2)	\$/MWh	ISO OAT miscellaneous expenses rate on injections		Cust Stlmt - PowerSupplrs: AncServ ISO Services Charges/OATT Misc Exp/Hourly/Intermediate Calculations	Hr OAT Ttl Misc Exp Rate:Inj (\$/MW)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
262	Misc Exp OAT Inject Charge \$	NUMBER(15,2)	\$\$	ISO OAT miscellaneous expenses charge on injections	+ = Due ISO	Cust Stlmt - PowerSupplrs: AncServ ISO Services Charges/OATT Misc Exp/Hourly/Stlmt Results	-1* Hr OAT Ttl Msc Exp Inj Stmt:Gen (\$)
263	Hr RT Mitigated Startup Cost	NUMBER(15,2)	\$\$	Total Mitigated Startup Cost	+ = Due Generator	Cust Stlmt - Power Supplier Real Time BPCG Settlement/Billing Determinants/ Startup Costs	Hr RT Startup Cost (\$): Mit
264	Hr RT Mitigated MinGen Cost	NUMBER(15,2)	\$\$	Total Mitigated MinGen Cost	+ = Due Generator	Cust Stlmt - Power Supplier Real Time BPCG Settlement/RT BPCG Mitigation Billing Determinants	Hr Ref RT Total Net Cost (\$): Mit
1007	Local Black Start/Rest Payment \$	NUMBER(15,2)	\$\$	Local Black Start and Restoration Services Payment	+ = Due Generator	Cust Stlmt - PowerSupplrs: AncServ Black Start/Hourly	Hr Local Black Start Stlmt (\$) + Hr Loc Blk Strt Test Stlmt (\$)
265	Hrly Reg Movement MWhr	NUMBER(17,4)	MWh	The amount of regulation movement that the Regulation Service provider was instructed to deliver in real-time for the given hour		Cust Stlmt - PowerSupplrs: AncServ Regulation Service/RT Regulation Movement/Hourly	Hr RT Reg Movement (MW)
266	Hrly RT Reg Movement \$	NUMBER(15,2)	\$\$	Real-Time Market regulation movement settlement for the given Regulation Service provider and hour	+ = Due Generator	Cust Stlmt - PowerSupplrs: AncServ Regulation Service/RT Regulation Movement/Hourly	Hr RT Reg Movement Stlmt (\$)
267	Hrly Reg Performance Charge \$	NUMBER(15,2)	\$\$	The Real-Time Market regulation performance charge assessed to the given Regulation Service provider, for the hour, for not performing as instructed in real-time	+ = Due ISO	Cust Stlmt - PowerSupplrs: AncServ Regulation Service/RT Regulation Performance Charge/Hourly	-1* Hr RT Reg Performance Charge (\$)

II. Transmission Customers Data - LSE LBMP Energy (Hourly)

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
100	Org name	VARCHAR2(50)	ID	Name of the Organization		<u>Cust Stlmt – Loads</u> Organization	Org Name
400	LSE name	VARCHAR2(50)	ID	Name of Load Serving Entity(for External Transaction this will be NULL)		<u>Cust Stlmt – Loads</u> Load Serving Entities	LSE Name
401	Load Bus name	VARCHAR2(50)	ID	Name of Load Bus		<u>Cust Stlmt – Loads</u> Load Buses	Load Bus Name
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date		<u>Cust Stlmt – Loads</u> Time/Day	Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY.
102	Start hour	NUMBER(2)	Hour	Start Hour		<u>Cust Stlmt – Loads</u> Time/Hour	Interval Start Hour (Eastern)
402	Day Ahead Hrly LBMP MWh	NUMBER(17,4)	MWh	LBMP MWs purchased Day-Ahead, (Load bid MWs)	+ = Purchase from the ISO	<u>Cust Stlmt – Loads</u> DAM Energy Settlement/Hourly/Billing Determinants	Hr DAM Sched Load (MW)
403	Day Ahead LBMP \$, by zone	NUMBER(15,2)	\$\$	Zone LBMP price where this load bus is located		<u>Cust Stlmt – Loads</u> DAM Energy Settlement/Hourly/Billing Determinants	DAM Total Price: LSE (\$/MW)
404	Hrly Fwd Energy \$	NUMBER(15,2)	\$\$	Energy component cost	+ = Due ISO	<u>Cust Stlmt – Loads</u> DAM Energy Settlement/Hourly/Stlmt Results	-1* Hr DAM Energy Stlmt: LSE (\$)
405	Hrly Fwd Loss \$	NUMBER(15,2)	\$\$	Loss component cost	+ = Due ISO	<u>Cust Stlmt – Loads</u> DAM Energy Settlement/Hourly/Stlmt Results	-1* Hr DAM Loss Stlmt: LSE (\$)
406	Hrly Fwd Cong \$	NUMBER(15,2)	\$\$	Congestion component cost	+ = Due ISO	<u>Cust Stlmt – Loads</u> DAM Energy Settlement/Hourly/Stlmt Results	-1* Hr DAM Cong Stlmt: LSE (\$)
407	LSE Hrly Integrated R/T Balancing MWh by bus	NUMBER(17,4)	MWh	Time weighted hourly load bus estimate based on LSE forecast, adjusted for NYISO measured subzone load proportional with other LSE's in this	+ = Purchase from the ISO	<u>Cust Stlmt – Loads</u> BalMkt Energy Settlement/Hourly/Other Related Info	Hr BalMkt Load: LSE (MWh)

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
				subzone, net from day ahead schedule and all bilateral transaction MWs			
408	R/T LBMP \$, by zone	NUMBER(15,2)	\$\$	Time weighted and load weighted hourly Zonal LBMP price where this load bus is located		Not currently available	Not currently available at the Hourly level, but is available at the SCD level.
409	Hrly Balancing Energy \$	NUMBER(15,2)	\$\$	Energy component cost	+ = Due ISO	Cust Stlmt – Loads BalMkt Energy Settlement/Hourly/Stlmt Results	-1* Hr BalMkt Energy Stlmt: LSE (\$)
410	Hrly Balancing Loss \$	NUMBER(15,2)	\$\$	Loss component cost	+ = Due ISO	Cust Stlmt – Loads BalMkt Energy Settlement/Hourly/Stlmt Results	-1* Hr BalMkt Loss Stlmt: LSE (\$)
411	Hrly Balancing Cong \$	NUMBER(15,2)	\$\$	Congestion component cost	+ = Due ISO	Cust Stlmt – Loads BalMkt Energy Settlement/Hourly/Stlmt Results	-1* Hr BalMkt Cong Stlmt: LSE (\$)

III. Transmission Customers Data - Transaction TUC and TSC Charges (Hourly)

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
100	Org name	VARCHAR2(50)	ID	Name of the Organization		Cust Stlmt – Transactions Transaction Customer Organization	TC Org Name
400	LSE name	VARCHAR2(50)	ID	Name of Load Serving Entity(for External Transaction this will be NULL) for the transaction sink		Cust Stlmt – Transactions Load Serving Entity	TransCnt LSE Name
500	Trans_id	NUMBER	ID #	Unique transaction Identifier		Cust Stlmt – Transactions Transaction Contracts	TransCnt ID
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date		Cust Stlmt – Transactions Time/Day	Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY.
102	Start hour	NUMBER(2)	Hour	Start Hour		Cust Stlmt – Transactions Time/Hour	Interval Start Hour (Eastern)
501	Day Ahead Scheduled Transactions	NUMBER(17,4)	MWh	Day ahead transaction MWh amount	+ = Bilateral Scheduled	Cust Stlmt – Transactions DAM TUC	Hr DAM TUC Energy (MWh)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						Settlement/Hourly/Billing Determinants	
502	Hrly Transaction Day Ahead Loss \$	NUMBER(15,2)	\$\$	Transaction Loss component cost	+ = Due ISO	Cust Stlmt – Transactions DAM TUC Settlement/Hourly/Stlmt Results	-1* Hr DAM TUC Loss Stlmt (\$)
503	Hrly Transaction Day Ahead Congestion \$	NUMBER(15,2)	\$\$	Transaction Congestion component cost	+ = Due ISO	Cust Stlmt – Transactions DAM TUC Settlement/Hourly/Stlmt Results	-1* Hr DAM TUC Cong Stlmt (\$)
504	Hrly Day Ahead TUC \$	NUMBER(15,2)	\$\$	DAM Transmission use charge (loss_cost + Cong_cost)	+ = Due ISO	Cust Stlmt – Transactions DAM TUC Settlement/Hourly/Stlmt Results	-1* Hr Total DAM TUC Stlmt (\$)
505	R/T Scheduled Transactions	NUMBER(17,4)	MWh	R/T transaction MWhs	Negative = Bilateral Curtailed	Cust Stlmt – Transactions BalMkt TUC Settlement/Hourly/Other Related Info	Hr BalMkt TUC Sched (MWh)
506	R/T Balancing Loss \$	NUMBER(15,2)	\$\$	Cost of losses on transaction	+ = Due ISO	Cust Stlmt – Transactions BalMkt TUC Settlement/Hourly/Stlmt Results	-1* Hr BalMkt TUC Loss Stlmt (\$)
507	R/T Balancing Congestion \$	NUMBER(15,2)	\$\$	Cost of congestions on transaction	+ = Due ISO	Cust Stlmt – Transactions BalMkt TUC Settlement/Hourly/Stlmt Results	-1* Hr BalMkt TUC Cong Stlmt (\$)
508	Hrly R/T TUC \$	NUMBER(15,2)	\$\$	R/ T TUC charges (Loss_cost + Cong_cost)	+ = Due ISO	Cust Stlmt – Transactions BalMkt TUC Settlement/Hourly/Stlmt Results	-1* Hr Total BalMkt TUC Stlmt (\$)
509	Hrly Ext. TSC MWhr	NUMBER(17,4)	MWh	Total Transmission Service Charge MWhs for External Transaction		Cust Stlmt – Transactions Transmission Service Charge MWh	Hr TSC Ext Energy (MWh) Where Transmission Provider = Central Hudson Gas and Elect Or Consolidated Edison of NY



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
							Or Central Hudson Or New York Power Authority Or Orange and Rockland Utilities Or New York State Electric and Gas Or Niagara Mohawk
510						N/A	N/A
521	Hrly Ext. TSC MWhr to Central Hudson	NUMBER(17,4)	MWh	Transmission Service Charge MWhs for External Transaction to Central Hudson		Cust Sttlmt – Transactions <u>Transmission Service Charge MWh</u>	Hr TSC Ext Energy (MWh) Where Transmission Provider = Central Hudson Gas and Electr
522	Hrly Ext. TSC MWhr to Con Ed	NUMBER(17,4)	MWh	Transmission Service Charge MWhs for External Transaction to Con Ed		Cust Sttlmt – Transactions <u>Transmission Service Charge MWh</u>	Hr TSC Ext Energy (MWh) Where Transmission Provider = Consolidated Edison of NY
523	Hrly Ext. TSC MWhr to LIPA	NUMBER(17,4)	MWh	Transmission Service Charge MWhs for External Transaction to LIPA		Cust Sttlmt – Transactions <u>Transmission Service Charge MWh</u>	Hr TSC Ext Energy (MWh) Where Transmission Provider = Central Hudson
524	Hrly Ext. TSC MWhr to NYPA	NUMBER(17,4)	MWh	Transmission Service Charge MWhs for External Transaction to NYPA		Cust Sttlmt – Transactions <u>Transmission Service Charge MWh</u>	Hr TSC Ext Energy (MWh) Where Transmission Provider = New York Power Authority
525	Hrly Ext. TSC MWhr to O&R	NUMBER(17,4)	MWh	Transmission Service Charge MWhs for External Transaction to O&R		Cust Sttlmt – Transactions <u>Transmission Service Charge MWh</u>	Hr TSC Ext Energy (MWh) Where Transmission Provider = Orange and Rockland Utilities
526	Hrly Ext. TSC MWhr to NYSEG	NUMBER(17,4)	MWh	Transmission Service Charge MWhs for External Transaction to NYSEG		Cust Sttlmt – Transactions <u>Transmission Service Charge MWh</u>	Hr TSC Ext Energy (MWh) Where Transmission Provider = New York State Electric & Gas
527	Hrly Ext. TSC MWhr to NIMO	NUMBER(17,4)	MWh	Transmission Service Charge MWhs for External Transaction to NIMO		Cust Sttlmt – Transactions <u>Transmission Service Charge MWh</u>	Hr TSC Ext Energy (MWh) Where Transmission Provider = Niagara Mohawk
530	Hrly Fin Impact Charge \$	NUMBER(17,4)	\$\$	Financial Impact Charge	+ = Due ISO	Cust Sttlmt – Transactions <u>Financial Impact Charge/Hourly</u>	-1* Hr Fin Impact Ch Stlmt: Trans (\$)

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
1004	Ext Proxy Bus POW PTID	NUMBER(5)	ID	NYISO assigned point identifier for a transaction's point of withdrawal		Cust Stlmt – Transactions Load Bus	TransCnt Load Bus PTID

IV. Transmission Customers Data - Transaction LBMP Energy Charges (Hourly)

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
100	Org name	VARCHAR2(50)	ID	Name of the Organization		Cust Stlmt – Transactions Transaction Customer Organization	TC Org Name
400	LSE name	VARCHAR2(50)	ID	Name of Load Serving Entity(for External Transaction this will be NULL) for the transaction sink		Cust Stlmt – Transactions Load Serving Entity	TransCnt LSE Name
500	Trans_id	NUMBER	ID #	Unique transaction Identifier		Cust Stlmt – Transactions Transaction Contracts	TransCnt ID
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date		Cust Stlmt – Transactions Time/Day	Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY.
102	Start hour	NUMBER(2)	Hour	Start Hour		Cust Stlmt – Transactions Time/Hour	Interval Start Hour (Eastern)
511	DAM LBMP Market MWhr	NUMBER(17,4)	MWh	Day ahead LBMP MWh amount	+ = Energy Purchased	Cust Stlmt – Transactions DAM LBMP Energy Settlement/Hourly/Billing Determinants	-1* Hr DAM LBMP Energy (MWh) + -1* Hr DAM Repl Energy (MWh)
512	DAM LBMP Market Energy \$	NUMBER(15,2)	\$\$	Day ahead energy component cost	+ = Due ISO	Cust Stlmt – Transactions DAM LBMP Energy Settlement/Hourly/Stlmnt Results DAM Repl Energy Settlement/Hourly/Stlmnt Results	-1* Hr DAM LBMP Energy Stlmnt (\$) + -1* Hr DAM Repl Engy Stlmnt (\$)
513	DAM LBMP Market Loss \$	NUMBER(15,2)	\$\$	Day ahead loss component cost	+ = Due ISO	Cust Stlmt – Transactions DAM LBMP Energy	-1* Hr DAM LBMP Loss Stlmnt (\$) +

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						Settlement/Hourly/Stlmnt Results DAM Repl Energy Settlement/Hourly/Stlmnt Results	-1* Hr DAM Repl Loss Stlmnt (\$)
514	DAM LBMP Market Cong \$	NUMBER(15,2)	\$\$	Day ahead cong component cost	+ = Due ISO	Cust Stlmnt – Transactions <hr/> DAM LBMP Energy Settlement/Hourly/Stlmnt Results DAM Repl Energy Settlement/Hourly/Stlmnt Results	-1* Hr DAM LBMP Cong Stlmnt (\$) + -1* Hr DAM Repl Cong Stlmnt (\$)
515	DAM LBMP Market LBMP \$	NUMBER(15,2)	\$\$	Total day ahead LBMP cost	+ = Due ISO	Cust Stlmnt – Transactions <hr/> DAM LBMP Energy Settlement/Hourly/Stlmnt Results DAM Repl Energy Settlement/Hourly/Stlmnt Results	-1* Hr DAM Total LBMP Stlmnt (\$) + -1* Hr Total DAM Repl Stlmnt (\$)
516	R/T LBMP Market MWhr	NUMBER(17,4)	MWh	R/T LBMP MWh amount	+ = Energy Purchased	Cust Stlmnt – Transactions <hr/> BalMkt LBMP Energy Settlement/Hourly/Stlmnt Results BalMkt Repl Energy Settlement/Hourly/Stlmnt Results	-1* Hr BalMkt LBMP Energy (MWh) + -1* Hr BalMkt Repl Energy (MWh)
517	R/T LBMP Market Energy \$	NUMBER(15,2)	\$\$	R/T energy component cost	+ = Due ISO	Cust Stlmnt – Transactions <hr/> BalMkt LBMP Energy Settlement/Hourly/Stlmnt Results BalMkt Repl Energy Settlement/Hourly/Stlmnt Results	-1* Hr BalMkt LBMP Engy Stlmnt (\$) + -1* Hr BalMkt Repl Engy Stlmnt (\$)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
518	R/T LBMP Market Loss \$	NUMBER(15,2)	\$\$	R/T loss component cost	+ = Due ISO	Cust Stlmt – Transactions <hr/> BalMkt LBMP Energy Settlement/Hourly/Stlmt Results BalMkt Repl Energy Settlement/Hourly/Stlmt Results	-1* Hr BalMkt LBMP Loss Stlmt (\$) + -1* Hr BalMkt Repl Loss Stlmt (\$)
519	R/T LBMP Market Cong \$	NUMBER(15,2)	\$\$	R/T cong component cost	+ = Due ISO	Cust Stlmt – Transactions <hr/> BalMkt LBMP Energy Settlement/Hourly/Stlmt Results BalMkt Repl Energy Settlement/Hourly/Stlmt Results	-1* Hr BalMkt LBMP Cong Stlmt (\$) + -1* Hr BalMkt Repl Cong Stlmt (\$)
520	R/T LBMP Market LBMP \$	NUMBER(15,2)	\$\$	Total R/T LBMP cost	+ = Due ISO	Cust Stlmt – Transactions <hr/> BalMkt LBMP Energy Settlement/Hourly/Stlmt Results BalMkt Repl Energy Settlement/Hourly/Stlmt Results	-1* Hr BalMkt Total LBMP Stlmt (\$) + -1* Hr Total BalMkt Repl Stlmt (\$)
528	DAM Bid Cost Guarantee	NUMBER(15,2)	\$\$	Day ahead bid cost guarantee	+ = Due Transaction Owner	Cust Stlmt – Transactions <hr/> DAM BPCG Settlement/Intermediate Calculations	Hr DAM Trans Net Cost (\$)
529	R/T Bid Cost Guarantee	NUMBER(15,2)	\$\$	Real time bid cost guarantee	+ = Due Transaction Owner	Cust Stlmt – Transactions <hr/> Real Time BPCG Settlement/Intermediate Calculations Import ECA Suppl Guar/Hourly	Hr RT Trans Net Cost (\$) + Hr Imp ECA Suppl Guar (\$)
531	Hrly Fin Impact Charge \$	NUMBER(17,4)	\$\$	Financial Impact Charge	+ = Due ISO	Cust Stlmt – Transactions <hr/> Financial Impact Charge/Hourly	-1* Hr Fin Imp Ch Stlmt: Trans (\$)

V. Transmission Customers Data - Ancillary Service Charges (Hourly)

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
100	Org name	VARCHAR2(50)	ID	Name of the Organization		<u>Cust Sttlmt – Loads: AncServ</u> Organization <u>Cust Sttlmt – Transactions: AncSer</u> Transaction Customer Organization	Org Name TC Org Name
400	LSE name	VARCHAR2(50)	ID	Name of Load Serving Entity(for External Transaction this will be NULL)		<u>Cust Sttlmt – Loads AncServ</u> Load Serving Entities <u>Cust Sttlmt – Transactions</u> Load Serving Entity	LSE Name TransCnt LSE Name (Null for export and wheel-through transactions)
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date		<u>Cust Sttlmt – Loads: AncServ</u> Time/Day <u>Cust Sttlmt – Transactions: AncSer</u> Time/Day	Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY. Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY.
102	Start hour	NUMBER(2)	Hour	Start Hour		<u>Cust Sttlmt – Loads: AncServ</u> Time/Hour <u>Cust Sttlmt – Transactions: AncSer</u> Time/Hour	Interval Start Hour (Eastern) Interval Start Hour (Eastern)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
600	Hourly Ancillary Service Billing MWhr	NUMBER(17,4)	MWh			Cust Sttlmt – Loads: AncServ <hr/> Ancillary Services/MST Schedule 1 (S, SC &D)/Hourly/Billing Determinants <hr/> Cust Sttlmt – Transactions: AncSer N/A	Hr RT LSE Load (MWh) <hr/> N/A
601	Hourly External Export Transactions MWhr	NUMBER(17,4)	MWh			Cust Sttlmt – Loads: AncServ N/A <hr/> Cust Sttlmt – Transactions: AncSer Ancillary Services/MST Schedule 1 (S, SC &D)/Hourly/Billing Determinants	N/A <hr/> Hr RT Export Trans: TC (MWh)
602	Hourly External Wheel Thru Transactions MWhr	NUMBER(17,4)	MWh			Cust Sttlmt – Loads: AncServ N/A <hr/> Cust Sttlmt – Transactions: AncSer Ancillary Services/MST Schedule 1 (S, SC &D)/Hourly/Billing Determinants	N/A <hr/> Hr RT Wheel-Thru Trans: TC (MWh)
603	NTAC Rate for current month	NUMBER(15,2)	\$\$	NYPA transmission access rate		Cust Sttlmt – Loads: AncServ Settlement Allocations/NTAC/Hourly/Billing Determinants	Hr NTAC Rate (\$/MW)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						Cust Sttlmt – Transactions: AncSer Settlement Allocations/NTAC/Hourl y/Billing Determinants	Hr NTAC Rate (\$/MW)
604	NTAC Charge \$	NUMBER(15,2)	\$\$	NTAC charge	+ = Due ISO	Cust Sttlmt – Loads: AncServ Settlement Allocations/NTAC/Hourl y/Stlmnt Results Cust Sttlmt – Transactions: AncSer Settlement Allocations/NTAC/Hourl y/Stlmnt Results	-1* Hr Total NTAC Stlmnt: LSE (\$) -1* Hr Total NTAC Stlmnt: TC (\$)
605	Voltage Support Rate, \$/MWh	NUMBER(15,2)	\$\$	Voltage Support rate		Cust Sttlmt – Loads: AncServ Ancillary Services/OATT Sched 2 – VSS/Hourly/Billing Determinants Cust Sttlmt – Transactions: AncSer Ancillary Services/OATT Sched 2 – VSS/Hourly/Billing Determinants	Hr VSS Rate (\$/MW) Hr VSS Rate (\$/MW)
606	Hrly VSS Charge\$	NUMBER(15,2)	\$\$	hourly voltage support charge	+ = Due ISO	Cust Sttlmt – Loads: AncServ Ancillary Services/OATT Sched 2 – VSS/Hourly/Stlmnt Results	-1* Hr VSS Stlmnt - LSE (\$)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						Cust Sttlmt – Transactions: AncSer Ancillary Services/OATT Sched 2 – VSS/Hourly/Stlmnt Results	-1* Hr VSS Stlmnt - TC (\$)
607	S,SC&D MST Rate for current month	NUMBER(15,2)	\$\$	ISO MST uplift rate		Cust Sttlmt – Loads: AncServ Ancillary Services/MST Schedule 1 (S, SC &D)/Hourly/ Intermediate Calculations Cust Sttlmt – Transactions: AncSer Ancillary Services/MST Schedule 1 (S, SC &D)/Hourly/ Intermediate Calculations	Hr MST Sched 1 Rate: WD (\$/MW) Hr MST Sched 1 Rate: WD (\$/MW)
608	S,SC&D MST Charge \$	NUMBER(15,2)	\$\$	ISO MST uplift charge	+ = Due ISO	Cust Sttlmt – Loads: AncServ Ancillary Services/MST Schedule 1 (S, SC &D)/Hourly/Stlmnt Results Cust Sttlmt – Transactions: AncSer Ancillary Services/MST Schedule 1 (S, SC &D)/Hourly/Stlmnt Results	-1* Hr MST Sched 1 Stlmnt: LSE (\$) -1* Hr MST Sched 1 Stlmnt: TC (\$)
609						Cust Sttlmt – Loads: AncServ N/A	N/A

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						Cust Stlmt – Transactions: AncSer <hr/> N/A	N/A
610	Hrly Reserve Chg\$	NUMBER(15,2)	\$\$	Total hourly operating reserve charge	+ = Due ISO	Cust Stlmt – Loads: AncServ <hr/> Ancillary Services/OATT Schedule 5 – OpReserves/Hourly/Stlmt Results <hr/> Cust Stlmt – Transactions: AncSer <hr/> Ancillary Services/OATT Schedule 5 – OpReserves/Hourly/Stlmt Results	-1* Hr Op Res Stlmt: LSE (\$) -1* Hr Op Res Stlmt: TC (\$)
611	Residual Adjustment \$	NUMBER(15,2)	\$\$	Hourly OATT Sch 1 residual adjustment	+ = Due ISO	Cust Stlmt – Loads: AncServ <hr/> NYISO Residuals/DAM Energy Residuals*/Hourly/Stlmt Results * Remaining Residual Settlement Results are located within the NYISO Residuals Class Settlement Allocations/Emergency Purchases/Hourly/Stlmt Results Settlement Allocations/Emergency Sales/Hourly/Stlmt Results	-1* Hr DAM Resid Enrgy Stlmt: LSE (\$) + -1* Hr Bal Resid Enrgy Stlmt: LSE (\$) + -1* Hr DAM Resid Loss Stlmt: LSE (\$) + -1* Hr Bal Resid Loss Stlmt: LSE (\$) + -1* Hr Bal Resid Cong Stlmt: LSE (\$)

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						Uplift Allocations/DAM Margin Assurance/Hourly/Stlmnt Results + -1* Hr Emergency Purch Stlmnt: LSE (\$)	
						Uplift Allocations/DAM Margin Assurance LRR + -1* Hr Emrgency Sales Stlmnt: LSE (\$)	
						+ -1* Hr DAM Mrgn Assrnc Stlmnt: LSE (\$)	
						+ -1* Hr DAM MgnAssrnc LRR Stlmnt: LSE (\$)	
						<hr/> Cust Stlmnt – Transactions: AncSer <hr/> NYISO Residuals/DAM Energy Residuals*/Hourly/Stlmnt Results + -1* Hr DAM Resid Enrgy Stlmnt: TC (\$)	
						* Remaining Residual Settlement Results are located within the NYISO Residuals Class + -1* Hr Bal Resid Enrgy Stlmnt: TC (\$)	
						Settlement Allocations/Emergency Purchases/Hourly/Stlmnt Results + -1* Hr DAM Resid Loss Stlmnt: TC (\$)	
						+ -1* Hr Bal Resid Loss Stlmnt: TC (\$)	



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						Settlement Allocations/Emergency Sales/Hourly/Stlmnt Results Uplift Allocations/DAM Margin Assurance/Hourly/Stlmnt Results	-1* Hr Bal Resid Cong Stlmnt: TC (\$) + -1* Hr Emergency Purch Stlmnt: TC (\$) + -1* Hr Emrgency Sales Stlmnt: TC (\$) + -1* Hr DAM Mrgn Assrnc Stlmnt: TC (\$)
612	Hrly R&FR Charge \$	NUMBER(15,2)	\$\$	Total hourly regulation charge	+ = Due ISO	Cust Stlmnt – Loads: AncServ <hr/> Ancillary Services/OATT Schedule 3 – Regulation/Hourly/Stlmnt Results <hr/> Cust Stlmnt – Transactions: AncSer N/A	-1* Hr Regulation Stlmnt: LSE (\$) Note: This does not include Regulation Revenue Adjustment Settlement. That is reported in Billing Code 618. <hr/> N/A
613	Black Start Charge \$	NUMBER(15,2)	\$\$	Total hourly black start charge		Cust Stlmnt – Loads: AncServ <hr/> Ancillary Services/OATT Schedule 6 – Black Start/Hourly/Stlmnt Results <hr/> Cust Stlmnt – Transactions: AncSer N/A	-1* Hr Black Start Stlmnt: LSE (\$) <hr/> N/A

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
614	S,SC&D OAT Rate for current month	NUMBER(15,2)	\$\$	ISO OAT uplift rate		Cust Stlmt – Loads: AncServ <hr/> Ancillary Services/OATT Schedule 1 (S, SC & D)/Intermediate Calculations <hr/> Cust Stlmt – Transactions: AncSer <hr/> Ancillary Services/OATT Schedule 1 (S, SC & D)/Intermediate Calculations	Hr OATT Sched 1 Rate: WD (\$/MW) Hr OATT Sched 1 Rate: WD (\$/MW)
615	S,SC&D OAT Charge \$	NUMBER(15,2)	\$\$	ISO OAT uplift charge	+ = Due ISO	Cust Stlmt – Loads: AncServ <hr/> Ancillary Services/OATT Schedule 1 – (S, SC &D)/Hourly/Stlmnt Results <hr/> Cust Stlmt – Transactions: AncSer <hr/> Ancillary Services/OATT Schedule 1 – (S, SC &D)/Hourly/Stlmnt Results	-1* Hr OATT Sched 1 Stlmnt: LSE (\$) -1* Hr OATT Sched 1 Stlmnt: TC (\$)
616						Cust Stlmt – Loads: AncServ <hr/> N/A <hr/> Cust Stlmt – Transactions: AncSer <hr/> N/A	N/A N/A
617	LRR Black Start Charge\$	NUMBER(15,2)	\$\$	Daily total Local Reliability Black start charge	+ = Due ISO	Cust Stlmt – Loads: AncServ <hr/> N/A	N/A



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						<hr/> Cust Stlmt – Transactions: AncSer <hr/> N/A	N/A
618	Hrly Reg Rev Adj \$	NUMBER(15,2)	\$\$	Regulation Revenue Adjustment	+ = Due ISO	Cust Stlmt – Loads: AncSer <hr/> Ancillary Services/OATT Schedule 3 – Regulation/Hourly/Stlmnt Results <hr/> Cust Stlmt – Transactions: AncSer <hr/> N/A	-1* Hr RRA Stlmnt: LSE (\$)
619	Hrly Sup Event Charge \$	NUMBER(15,2)	\$\$	Supplemental Event Charge	+ = Due ISO	Cust Stlmt – Loads: AncSer <hr/> Uplift Allocations/Supplemental Event Charge/Hourly/Stlmnt Results <hr/> Cust Stlmt – Transactions: AncSer <hr/> Uplift Allocations/Supplemental Event Charge/Hourly/Stlmnt Results	-1* Hr Supp Event Stlmnt: LSE (\$)
620	Hrly Fin Impact Credit \$	NUMBER(15,2)	\$\$	Financial Impact Credit	+ = Due Transmission Customer	Cust Stlmt – Loads: AncSer <hr/> Settlement Allocations/Financial Impact Credit/Hourly/Stlmnt Results	Hr Fin Imp Cred Stlmnt: LSE (\$)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						Cust Stlmt – Transactions: AncSer Settlement Allocations/Financial Impact Credit/Hourly/Stlmt Results	Hr Fin Imp Cred Stlmt: TC (\$)
621	Hrly Ext LBMP Export Transactions MWHr	NUMBER(17,4)	MWh	Scheduled LBMP Export Transactions MWHr		Cust Stlmt – Loads: AncServ N/A	N/A
						Cust Stlmt – Transactions: AncSer Ancillary Services/MST Schedule 1 (S, SC &D)/Hourly/Billing Determinants	Hr RT LBMP Export Trans: TC (MW)
622	Hrly Ext Import Transactions MWHr	NUMBER(17,4)	MWh	Schedule Import Transactions MWHr (LBMP and point-to-point transactions)		Cust Stlmt – Loads: AncServ N/A	N/A
						Cust Stlmt – Transactions: AncSer Ancillary Services/MST Schedule 1 (S, SC &D)/Hourly/Billing Determinants	Hr RT Import Trans: TC (MW)
255	S SC&D MST Inject Rate	NUMBER(15,2)	\$/MWh	ISO MST schedule 1 rate on injections		Cust Stlmt – Loads: AncServ N/A	N/A
						Cust Stlmt – Transactions: AncSer Ancillary Services/MST	Hr MST Sched 1 Rate: Inj (\$/MW)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						Schedule 1 (S, SC &D)/Hourly/Intermediate Calculations	
623	S SC&D MST Inject Charge \$	NUMBER(15,2)	\$\$	ISO MST schedule 1 charge on injections	+ = Due ISO	Cust Stlmt – Loads: AncServ <hr/> N/A <hr/> Cust Stlmt – Transactions: AncSer <hr/> Ancillary Services/MST Schedule 1 (S, SC &D)/Hourly/Stlmnt Results	N/A <hr/> Hr MST Sched 1 Inj Stlmnt: TC (\$)
257	S SC&D OAT Inject Rate	NUMBER(15,2)	\$/MWh	ISO OAT schedule 1 rate on injections		Cust Stlmt – Loads: AncServ <hr/> N/A <hr/> Cust Stlmt – Transactions: AncSer <hr/> Ancillary Services/MST Schedule 1 (S, SC &D)/Hourly/Intermediate Calculations	N/A <hr/> Hr OATT Sched 1 Rate: Inj (\$/MW)
624	S SC&D OAT Inject Charge \$	NUMBER(15,2)	\$\$	ISO OAT schedule 1 charge on injections	+ = Due ISO	Cust Stlmt – Loads: AncServ <hr/> N/A <hr/> Cust Stlmt – Transactions: AncSer <hr/> Ancillary Services/OATT Schedule 1 (S, SC &D)/Hourly/Stlmnt Results	N/A <hr/> Hr OATT Sched 1 Inj Stlmnt: TC (\$)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
259	Misc Exp MST Inject Rate	NUMBER(15,2)	\$/MWh	ISO MST miscellaneous expenses rate on injections		Cust Stlmt – Loads: AncServ N/A <hr/> Cust Stlmt – Transactions: AncSer Ancillary Services/MST Misc Exp/Hourly/Intermediate Calculations	N/A <hr/> Hr MST Ttl Misc Exp Rate:Inj (\$/MW)
625	Misc Exp MST Inject Charge \$	NUMBER(15,2)	\$\$	ISO MST miscellaneous expenses charge on injections	+ = Due ISO	Cust Stlmt – Loads: AncServ N/A <hr/> Cust Stlmt – Transactions: AncSer Ancillary Services/MST Misc Exp/Hourly/Stlmnt Results	N/A <hr/> Hr MST Ttl Misc Exp Inj Stmt: TC (\$)
626	Misc Exp MST WD Rate	NUMBER(15,2)	\$/MWh	ISO MST miscellaneous expenses rate on withdrawals		Cust Stlmt – Loads: AncServ Ancillary Services/MST Misc Exp/Hourly/Intermediate Calculations <hr/> Cust Stlmt – Transactions: AncSer Ancillary Services/MST Misc Exp/Hourly/Intermediate Calculations	Hr MST Total Misc Exp Rate: WD (\$/MW) <hr/> Hr MST Total Misc Exp Rate: WD (\$/MW)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
627	Misc Exp MST WD Charge \$	NUMBER(15,2)	\$\$	ISO MST miscellaneous expenses charge on withdrawals	+ = Due ISO	Cust Sttlmt – Loads: AncServ <hr/> Ancillary Services/MST Misc Exp/Hourly/Stlmnt Results <hr/> Cust Sttlmt – Transactions: AncSer <hr/> Ancillary Services/MST Misc Exp/Hourly/Stlmnt Results	Hr MST Ttl Misc Exp WD Stmt:LSE (\$) <hr/> Hr MST Ttl Misc Exp WD Stmt:TC (\$)
261	Misc Exp OAT Inject Rate	NUMBER(15,2)	\$/MWh	ISO OAT miscellaneous expenses rate on injections		Cust Sttlmt – Loads: AncServ N/A <hr/> Cust Sttlmt – Transactions: AncSer <hr/> Ancillary Services/OAT Misc Exp/Hourly/Intermediate Calculations	N/A <hr/> Hr OAT Ttl Misc Exp Rate:Inj (\$/MW)
628	Misc Exp OAT Inject Charge \$	NUMBER(15,2)	\$\$	ISO OAT miscellaneous expenses charge on injections	+ = Due ISO	Cust Sttlmt – Loads: AncServ N/A <hr/> Cust Sttlmt – Transactions: AncSer <hr/> Ancillary Services/OAT Misc Exp/Hourly/Stlmnt Results	N/A <hr/> Hr OAT Ttl Misc Exp Inj Stmt:Gen (\$)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
629	Misc Exp OAT WD Rate	NUMBER(15,2)	\$/MWh	ISO OAT miscellaneous expenses rate on withdrawals		<hr/> Cust Sttlmt – Loads: AncServ Ancillary Services/OAT Misc Exp/Hourly/Intermediate Calculations <hr/> Cust Sttlmt – Transactions: AncSer Ancillary Services/OAT Misc Exp/Hourly/Intermediate Calculations	Hr OATT Total Misc Exp Rate: WD (\$/MW) <hr/> Hr OATT Total Misc Exp Rate: WD (\$/MW)
630	Misc Exp OAT WD Charge \$	NUMBER(15,2)	\$\$	ISO OAT miscellaneous expenses charge on withdrawals	+ = Due ISO	<hr/> Cust Sttlmt – Loads: AncServ Ancillary Services/OAT Misc Exp/Hourly/Stlmt Results <hr/> Cust Sttlmt – Transactions: AncSer Ancillary Services/OAT Misc Exp/Hourly/Stlmt Results	Hr OATT Ttl Msc Exp WD Stmt:LSE (\$) <hr/> Hr OAT Ttl Msc Exp WD Stmt: TC (\$)
631	ISONE Schedule	NUMBER(17,4)	MWh	Scheduled transactions withdrawn at the New England proxy bus		<hr/> Cust Sttlmt – Loads: AncServ N/A <hr/> Cust Sttlmt – Transactions: AncSer Settlement Allocations/NTAC/Hourl y/Intermediate Calculations	N/A <hr/> Hr RT NTAC Sched: NE (MW)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
632	ISONE NTAC Rate	NUMBER(15,2)	\$/MWh	NTAC Rate at the New England proxy bus		Cust Sttlmt – Loads: AncServ N/A <hr/> Cust Sttlmt – Transactions: AncSer Settlement Allocations/NTAC/Hourly/Billing Determinants	N/A <hr/> Hr NTAC Rate: NE (\$/MW)
633	HQ Schedule	NUMBER(17,4)	MWh	Scheduled transactions withdrawn at the Hydro Quebex proxy bus		Cust Sttlmt – Loads: AncServ N/A <hr/> Cust Sttlmt – Transactions: AncSer Settlement Allocations/NTAC/Hourly/Intermediate Calculations	N/A <hr/> Hr RT NTAC Sched: HQ (MW)
634	HQ NTAC Rate	NUMBER(15,2)	\$/MWh	NTAC Rate at the Hydro Quebec proxy bus		Cust Sttlmt – Loads: AncServ N/A <hr/> Cust Sttlmt – Transactions: AncSer Settlement Allocations/NTAC/Hourly/Billing Determinants	N/A <hr/> Hr NTAC Rate: HQ (\$/MW)
635	OH Schedule	NUMBER(17,4)	MWh	Scheduled transactions withdrawn at the Ontario Hydro proxy bus		Cust Sttlmt – Loads: AncServ N/A <hr/> Cust Sttlmt – Transactions: AncSer Settlement	N/A <hr/> Hr RT NTAC Sched: OH (MW)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						Allocations/NTAC/Hourly/Intermediate Calculations	
636	OH NTAC Rate	NUMBER(15,2)	\$/MWh	NTAC Rate at the Ontario Hydro proxy bus		Cust Sttlmt – Loads: AncServ <hr/> N/A <hr/> Cust Sttlmt – Transactions: AncSer Settlement Allocations/NTAC/Hourly/Billing Determinants	N/A <hr/> Hr NTAC Rate: OH (\$/MW)
637	PJM Schedule	NUMBER(17,4)	MWh	Scheduled transactions withdrawn at the PJM proxy bus		Cust Sttlmt – Loads: AncServ <hr/> N/A <hr/> Cust Sttlmt – Transactions: AncSer Settlement Allocations/NTAC/Hourly/Intermediate Calculations	N/A <hr/> Hr RT NTAC Sched: PJM (MW)
638	PJM NTAC Rate	NUMBER(15,2)	\$/MWh	NTAC Rate at the PJM proxy bus		Cust Sttlmt – Loads: AncServ <hr/> N/A <hr/> Cust Sttlmt – Transactions: AncSer Settlement Allocations/NTAC/Hourly/Billing Determinants	N/A <hr/> Hr NTAC Rate: PJM (\$/MW)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
639	Ramapo PAR Charge \$	NUMBER(15,2)	\$\$	Ramapo Phase Angle Regulator Charge	+ = Due ISO	Cust Stlmt – Loads: AncServ <hr/> Ancillary Services /OATT Service Payments/Hourly/Stlmt Results <hr/> Cust Stlmt – Transactions: AncSer <hr/> Ancillary Services /OATT Service Payments/Hourly/Stlmt Results	-1* Hr Ramapo PAR Stlmt: LSE (\$) <hr/> -1* Hr Ramapo PAR Stlmt: TC (\$)
640	Station 80 Charge \$	NUMBER(15,2)	\$\$	Station 80 Capacitor Bank Charge	+ = Due ISO	Cust Stlmt – Loads: AncServ <hr/> Ancillary Services /OATT Service Payments/Hourly/Stlmt Results <hr/> Cust Stlmt – Transactions: AncSer <hr/> Ancillary Services /OATT Service Payments/Hourly/Stlmt Results	-1* Hr Station 80 Stlmt: LSE (\$) <hr/> -1* Hr Station 80 Stlmt: TC (\$)
641	Local Black Start/Rest Charge \$	NUMBER(15,2)	\$\$	Local Black Start and Restoration Services Charge	+ = Due ISO	Cust Stlmt – Loads: AncServ <hr/> Ancillary Services /OATT Schedule 6 - Black Start/Hourly/Stlmt Results <hr/> Cust Stlmt – Transactions: AncSer N/A	-1* Hr Local Black Start Stlmt:LSE (\$) + -1* Hr LBS Test Stlmt: LSE (\$) <hr/> N/A

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
642	EDRP/SCR Demand Response Charge \$ (Local)	NUMBER(19,6)	\$\$	The TOs Local EDRP / SCR Charge	+ = Due ISO	Cust Sttlmt – Loads: AncServ <hr/> Settlement Allocations/EDRP/Hourly <hr/> Settlement Allocations/SCR/Hourly <hr/> Cust Sttlmt – Transactions: AncSer <hr/> N/A	-1* Hr EDRP Local Stlmnt: LSE (\$) + -1* Hr SCR Local Stlmnt: LSE (\$) <hr/> N/A
643	EDRP/SCR Demand Response Charge \$ (NYISO-wide)	NUMBER(19,6)	\$\$	The NYISO-wide EDRP / SCR Charge	+ = Due ISO	Cust Sttlmt – Loads: AncServ <hr/> Settlement Allocations/EDRP/Hourly <hr/> Settlement Allocations/SCR/Hourly <hr/> Cust Sttlmt – Transactions: AncSer <hr/> N/A	-1* Hr EDRP NYISO-Wide Stlmnt: LSE (\$) + -1* Hr SCR NYISO-Wide Stlmnt: LSE (\$) <hr/> N/A

VI. Transmission Congestion Contract Holders Data (Hourly)

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
100	Org name	VARCHAR2(50)	ID	Organization Name		Cust Sttlmt - TCC <hr/> Organization	Org Name
900	TCC Contract ID	NUMBER (13,0)	ID#	Transmission Congestion Contract ID		Cust Sttlmt - TCC <hr/> Trans Cong Contract	TCC ID
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date		Cust Sttlmt - TCC <hr/> Time/Day	Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY.
102	Start hour	NUMBER(2)	Hour	Start Hour		Cust Sttlmt - TCC <hr/> Time/Hour	Interval Start Hour (Eastern)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
901	Tcc credit	NUMBER(16,2)	\$\$	Transmission Congestion Contract payment value	+ = Due TCC holder	Cust Stlmt - TCC TCC Rent Settlement/Hourly/Stlmt Results	Hr TCC Rent Stlmt (\$)

VII. Demand Reduction Programs (Hourly)

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
100	Org name	VARCHAR2(80)	ID	Transmission Owner Name		Cust Stlmt – Demand Response Organization	Org Name
2000	Demand Reduction Provider Name	VARCHAR2(80)	ID	Unique transaction Identifier		Cust Stlmt – Demand Response Demand Response Bus	DRBus Name
2001	Demand Reduction Provider PTID	NUMBER	ID #			Cust Stlmt – Demand Response Demand Response Bus	DRBus PTID
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date		Cust Stlmt – Demand Response Time/Day	Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY.
102	Start hour	NUMBER(2)	Hour	Start Hour		Cust Stlmt – Demand Response Time/Hour	Interval Start Hour (Eastern)
2002	DAM Demand Reduction Schedule MWHr	NUMBER(18,4)	##	Reduction scheduled		Cust Stlmt – Demand Response DADRP Incentive Settlement/Hourly/Billing Determinants	Hr DADRP Sched Reduction (MW)
2003	Demand Reduction Acutal MWHr	NUMBER(18,4)	##	Reduction achieved		Cust Stlmt – Demand Response DADRP Incentive Settlement/Hourly/Billing Determinants	Hr DADRP Metered Reduction (MW)
203	DAM LBMP (Generator)	NUMBER(16,2)	\$\$	DAM LBMP price at pseudo-generator bus		Cust Stlmt – Demand Response DADRP Incentive Settlement/Hourly/Billing Determinants	DAM Total Price: DADRP (\$/MW)
403	DAM LBMP (Zonal)	NUMBER(16,2)	\$\$	DAM Zonal LBMP price for LSE		Cust Stlmt – Loads DAM Energy	DAM Total Price: LSE (\$/MW)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						Settlement/Hourly/Billing Determinants	
2004	R/T LBMP (Generator – Time Weighted But Not Load Weighted)	NUMBER(16,2)	\$\$	R/T LBMP price at pseudo-generator bus		Cust Stlmt – Demand Response DADRDP DRP Penalty Settlement/Hourly/Billing Determinants	Hr RT Total Price: DADRDP (\$/MW)
408	R/T LBMP (Zonal)	NUMBER(16,2)	\$\$	R/T Zonal LBMP price for LSE bus		Cust Stlmt – Demand Response DADRDP Load Balance Settlement/Hourly/Billing Determinants	Hr RT Zonal Energy Price: DADRDP(\$/MW)
2005	Demand Response Incentive \$	NUMBER(16,2)	\$\$	Hourly program incentive payment	+ = Due DRP	Cust Stlmt – Demand Response DADRDP Incentive Settlement/Hourly/Stlmt Results	Hr DADRDP Incentive (\$)
2006	Demand Response Reduction \$	NUMBER(16,2)	\$\$	Hourly payment for reduction	+ = Due LSE	Cust Stlmt – Demand Response DADRDP Reduction Settlement/Hourly/Stlmt Results	Hr DADRDP Reduction (\$)
2007	Demand Response Penalty \$	NUMBER(16,2)	\$\$	Penalty charge for non-performance	- = Due ISO	Cust Stlmt – Demand Response DADRDP DRP Penalty Settlement/Hourly/Stlmt Results	Hr DADRDP Penalty: DRP (\$) and Hr DADRDP Penalty: LSE (\$)
2008	Demand Reduction Load Balancing \$	NUMBER(16,2)	\$\$	Balancing charge for LSE load reduction	- = Due ISO	Cust Stlmt – Demand Response DADRDP Load Balance Settlement/Hourly/Stlmt Results	Hr DADRDP Load Balance (\$)
2009	Load Reduction Bid Guarantee \$	NUMBER(16,2)	\$\$	Bid cost guarantee	+ = Due DRP	Cust Stlmt – Demand Response DADRDP BCG Settlement/Hourly/Intermediate Calculations	Hr Total DADRDP Net Cost (\$)
2030	Schedule 1 MWhr	NUMBER(20,4)	MWh	Hourly DADRDP Schedule1 Injection MWh		Cust Stlmt – Demand Response ISO Services Charges/ MST Schedule 1/ Hourly/Intermediate Calculations	Hr DADRDP Sched 1 Inject (MW)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
255	S SC&D MST Inject Rate	NUMBER(7,6)	\$\$	ISO MST schedule 1 rate on injections		Cust Stlmt – Demand Response <u>ISO Services Charges/MST Schedule 1/Hourly/Intermediate Calculations Settlement</u>	Hr MST Sched 1 Rate: Inj (\$/MW)
2031	S SC&D MST Inject Charge \$	NUMBER(19,6)	\$\$	ISO MST schedule 1 charge on Demand Response injections	+ = Due ISO	Cust Stlmt – Demand Response <u>ISO Services Charges /MST Schedule 1/Hourly/Stlmt Results</u>	Hr MST Sched 1 Inj Stlmt: DRB (\$)
257	S SC&D OAT Inject Rate	NUMBER(7,6)	\$\$	ISO OAT schedule 1 rate on injections		Cust Stlmt – Demand Response <u>ISO Services Charges /OATT Schedule 1/ Hourly/Intermediate Calculations</u>	Hr OATT Sched 1 Rate: Inj (\$/MW)
2032	S SC&D OAT Inject Charge \$	NUMBER(19,6)	\$\$	ISO OAT schedule 1 charge on Demand Response injections	+ = Due ISO	Cust Stlmt – Demand Response <u>ISO Services Charges /OATT Schedule 1/ Hourly/Stlmt Results</u>	Hr OATT Sched 1 Inj Stlmt: DRB (\$)
259	Misc Exp MST Inject Rate	NUMBER(5,4)	\$\$	ISO MST miscellaneous expenses rate on injections		Cust Stlmt – Demand Response <u>ISO Services Charges / MST Misc Exp/Hourly /Intermediate Calculations</u>	Hr MST Ttl Misc Exp Rate:Inj (\$/MW)
2033	Misc Exp MST Inject Charge \$	NUMBER(19,6)	\$\$	MST Total Miscellaneous Expense Injection Settlement Charge	+ = Due ISO	Cust Stlmt – Demand Response <u>ISO Services Charges / MST Misc Exp/Hourly /Stlmt Results</u>	Hr MST Ttl Msc Exp Inj Stmt:DRB (\$)
261	Misc Exp OAT Inject Rate	NUMBER(5,4)	\$\$	OATT Total Miscellaneous Expense: Injection Settlement Rate		Cust Stlmt – Demand Response <u>ISO Services Charges /OATT Misc Ext/ Hourly/Intermediate Calculations</u>	Hr OAT Ttl Misc Exp Rate:Inj (\$/MW)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
2034	Misc Exp OAT Inject Charge \$	NUMBER(19,6)	\$\$	OATT Total Miscellaneous Expense Injection Settlement Charge	+ = Due ISO	Cust Stlmt – Demand Response <hr/> ISO Services Charges /OATT Misc Exp/ Hourly/Stlmt Results	Hr OAT Ttl Msc Exp Inj Stmt:DRB (\$)
2020	EDRP Demand Response Reduction MWhr	NUMBER(15,2)	MWh	EDRP Demand response reduction MWh		Cust Stlmt – Demand Response <hr/> EDRP Reduction Settlement/Hourly/Other Related Info	Hr EDRP Reduction (MW)
2021	EDRP Demand Response Credit \$	NUMBER(15,2)	\$\$	EDRP Demand response reduction Credit	+ = Due Customer	Cust Stlmt – Demand Response <hr/> EDRP Reduction Settlement/Hourly/Stlmt Results	Hr EDRP Stlmt (\$)
2022	SCR Demand Response Reduction MWhr	NUMBER(15,2)	MWh	SCR Demand response reduction MWh		Cust Stlmt – Demand Response <hr/> SCR Reduction Settlement/Hourly/Other Related Info	Hr SCR Reduction (MW)
2023	SCR Demand Response Credit \$	NUMBER(15,2)	\$\$	SCR Demand response reduction Credit	+ = Due Customer	Cust Stlmt – Demand Response <hr/> SCR Reduction Settlement /Hourly/Stlmt Results	Hr SCR Stlmt (\$)

VIII. Virtual Bidding (Hourly)

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
100	Org name	VARCHAR2(50)	ID	Name of the Organization		Cust Stlmt – Virtual Market <hr/> Organization	Org Name
400	LSE name	VARCHAR2(50)	ID	Name of Load Serving Entity		Cust Stlmt – Virtual Market <hr/> Virtual Bid Entity	Virtual Bid Entity Name
3000	Virtual Bus name	VARCHAR2(50)	ID	Name of Virtual Load or Supply Bus		Cust Stlmt – Virtual Market <hr/> Virtual Supply Market/Virtual Supply Bus	VS Bus Name



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						Or <u>Cust Sttlmt – Virtual Market</u> Virtual Load Market/Virtual Load Bus	Or VL Bus Name
3001	Virtual Bus PTID	NUMBER(5)	ID	NYISO assigned point identifier		<u>Cust Sttlmt – Virtual Market</u> Virtual Supply Market/Virtual Supply Bus Or <u>Cust Sttlmt – Virtual Market</u> Virtual Load Market/Virtual Load Bus	VS Bus PTID Or VL Bus PTID
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date		<u>Cust Sttlmt – Virtual Market</u> Time/Day	Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY.
102	Start hour	NUMBER(2)	Hour	Start Hour		<u>Cust Sttlmt – Virtual Market</u> Time/Hour	Interval Start Hour (Eastern)
412	Hourly DAM Virtual Load MWh	NUMBER(18,4)	MWh	Virtual load bid scheduled day-ahead	+ = MWh purchased	<u>Cust Sttlmt – Virtual Market</u> Virtual Load Market/DAM Vload Settlement/Hourly/Billing Determinants	Hr DAM VLoad Energy (MW)
413	Hourly DAM Virtual Load \$	NUMBER(16,2)	\$\$	Day-head Virtual Load settlement	+ = Due ISO	<u>Cust Sttlmt – Virtual Market</u> Virtual Load Market/DAM Vload Settlement/Hourly/Stlmt Results	-1* Hr Total DAM VLoad Stlmt (\$)
414	Hourly DAM Virtual Supply MWh	NUMBER(18,4)	MWh	Virtual supply bid scheduled day-ahead	+ = MWh Sold	<u>Cust Sttlmt – Virtual Market</u> Virtual Supply Market/DAM VSupply Settlement/Hourly/Billing	-1* Hr DAM VSupply Energy (MW)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe	DSS Object Name
						DSS Class	
						Determinants	
415	Hourly DAM Virtual Supply \$	NUMBER(16,2)	\$\$	Day-head Virtual Supply settlement	+ = Due customer	Cust Sttlmt – Virtual Market Virtual Supply Market/DAM VSupply Settlement/Hourly/Stlmnt Results	Hr Total DAM VSupply Stlmnt (\$)
416	Hourly Balancing Virtual Load \$	NUMBER(16,2)	\$\$	Balancing Virtual Load settlement	- = Due customer	Cust Sttlmt – Virtual Market Virtual Load Market/BalMkt VLoad Settlement/Hourly/Stlmnt Results	-1* Hr Total BalMkt VLoad Stlmnt (\$)
417	Hourly Balancing Virtual Supply \$	NUMBER(16,2)	\$\$	Balancing Virtual Supply settlement	- = Due NYISO	Cust Sttlmt – Virtual Market Virtual Supply Market/BalMkt VSupply Settlement/Hourly/Stlmnt Results	Hr Total BalMkt VSupply Stlmnt (\$)

IX. Transmission Owner Data [appears only in Transmission Owner advisory statements] (Hourly)

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe	DSS Object Name
						DSS Class	
1000	TP_name	VARCHAR2(50)	ID	Transmission Owner Name		Cust Sttlmt – Transmission Owners Transmission Provider	Transmission Provider Name
100	Org Name	VARCHAR2(50)	ID	Transmission Customer of record for transaction imwhr		Cust Sttlmt – Transmission Owners Transmission Service Charge MWh	TC Org Name
400	LSE name	VARCHAR2(50)	ID	Name of Load Serving Entity(for External Transaction this will be NULL) for the sink		Cust Sttlmt – Transmission Owners N/A - Always Null	N/A - Always Null
500	Trans_id	NUMBER	ID #	Unique transaction Identifier		Cust Sttlmt – Transmission Owners Transmission Service Charge MWh	TransCnt ID
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date		Cust Sttlmt – Transmission Owners Time/Day	Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY.

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe	DSS Object Name
						DSS Class	
102	Start hour	NUMBER(2)	Hour	Start Hour		Cust Stlmt – Transmission Owners Time/Hour	Interval Start Hour (Eastern)
1002	Ext_tsc_imwhr	NUMBER(18,4)	MWh	MWh of export transactions		Cust Stlmt – Transmission Owners Transmission Service Charge MWh	Hr TSC Ext Energy (MWh)

X. Transmission Owner Data - NYPA NTAC [appears only in NYPA’s advisory statements] (Hourly)

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe	DSS Object Name
						DSS Class	
100	Org name	VARCHAR2(50)	ID	Organization Name		Cust Stlmt – Transmission Owner Organization	Org Name
1000	TP name	VARCHAR2(50)	ID	Transmission Owner Name		Cust Stlmt – Transmission Owner Transmission Provider	Transmission Provider Name
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date		Cust Stlmt – Transmission Owner Time/Day	Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY.
102	Start hour	NUMBER(2)	Hour	Start Hour		Cust Stlmt – Transmission Owner Time/Hour	Interval Start Hour (Eastern)
1003	NTAC Credit	NUMBER(16,2)	\$\$	NTAC credit (applies only to NYPA)	+ = Due TO	Cust Stlmt – Transmission Owner NTAC	Hr NTAC (NYPA) (\$)

XI. Transmission Owner Data - Grandfathered Transaction Exempt from TSC [only in TO advisory statements] (Hourly)

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe	DSS Object Name
						DSS Class	
1000	TP Name	VARCHAR2(50)	ID	Transmission Owner Name		This report is not currently populated in the Hourly Statement file.	This report is not currently populated in the Hourly Statement file.
500	Trans ID	NUMBER	ID #	Unique transaction Identifier		This report is not currently populated in the Hourly Statement file.	This report is not currently populated in the Hourly Statement file.
101	Start day	DATE Format:	Date	Start Date		This report is not currently populated in the	This report is not currently populated in the Hourly Statement file.



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
		MON/DD/YYYY				Hourly Statement file.	
102	Start hour	NUMBER(2)	Hour	Start Hour		This report is not currently populated in the Hourly Statement file.	This report is not currently populated in the Hourly Statement file.
1050	Transaction User Ref	VARCHAR2(16)	ID			This report is not currently populated in the Hourly Statement file.	This report is not currently populated in the Hourly Statement file.
1051	PTID OF POI	NUMBER	ID	NYISO assigned point identifier of transaction point of injection		This report is not currently populated in the Hourly Statement file.	This report is not currently populated in the Hourly Statement file.
1052	PTID OF POW	NUMBER	ID	NYISO assigned point identifier of transaction point of withdrawal		This report is not currently populated in the Hourly Statement file.	This report is not currently populated in the Hourly Statement file.
1053	Exempt MWh	NUMBER(18,4)	MWh	MWh amount of transaction exempt from TSC		This report is not currently populated in the Hourly Statement file.	This report is not currently populated in the Hourly Statement file.

XII. Transmission Owner Data - Service Payments [only in TO advisory statements] (Hourly)

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
1000	TP name	VARCHAR2(50)	ID	Transmission Owner Name		Cust Stlmt – Transmission Owner Transmission Provider	Transmission Provider Name
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date		Cust Stlmt – Transmission Owner Time/Day	Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY.
102	Start hour	NUMBER(2)	Hour	Start Hour		Cust Stlmt – Transmission Owner Time/Hour	Interval Start Hour (Eastern)
1005	Ramapo PAR Credit \$	NUMBER(15,2)	\$\$	Ramapo Phase Angle Regulator Payment	+ = Due TO	Cust Stlmt – Transmission Owner Service Payments	Hr Ramapo PAR Stlmt: TO (\$)
1006	Station 80 Credit \$	NUMBER(15,2)	\$\$	Station 80 Capacitor Bank Payment	+ = Due TO	Cust Stlmt – Transmission Owner Service Payments	Hr Station 80 Stlmt: TO (\$)

XIII. Transmission Customers Data - Trading Hub LBMP Transactions - (Hourly)

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
100	Org name	VARCHAR2(50)	ID	Name of the Organization		Cust Stlmt – Transactions Source, Sink	Src Org Name, Sink Org Name
500	Trans ID	NUMBER(32)	ID #	Unique transaction identifier		Cust Stlmt – Transactions DAM Trading Hub LBMP Energy Settlement, RT Trading Hub LBMP Energy Settlement	TransCnt ID
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date		Cust Stlmt – Transactions DAM Trading Hub LBMP Energy Settlement/Daily, RT Trading Hub LBMP Energy Settlement/Daily	Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY.
102	Start hour	NUMBER(2)	Hour	Start Hour		Cust Stlmt – Transactions DAM Trading Hub LBMP Energy Settlement/Hourly, RT Trading Hub LBMP Energy Settlement/Hourly	Interval Start Hour (Eastern)
540	DAM Hrly Trading Hub MW	NUMBER(17,4)	MWh	Day-ahead hourly Trading Hub MWh amount either sold to or purchased from the NYISO LBMP market	+ = MWh sold to ISO	Cust Stlmt – Transactions DAM Trading Hub LBMP Energy Settlement/Hourly/Billing Determinants	Hr DAM Trading Hub – Sink (MW) + Hr DAM Trading Hub – Src (MW)
541	DAM Hrly Trading Hub Energy \$	NUMBER(15,2)	\$\$	Day-ahead hourly energy component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner	Cust Stlmt – Transactions DAM Trading Hub LBMP Energy Settlement/Hourly/Stlmt Results	Hr DAM Trading Hub LBMP Energy Stlmt – Sink (\$) + Hr DAM Trading Hub LBMP Energy Stlmt – Src (\$)
542	DAM Hrly Trading Hub Loss \$	NUMBER(15,2)	\$\$	Day-ahead hourly loss component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner	Cust Stlmt – Transactions DAM Trading Hub LBMP Energy Settlement/Hourly/Stlmt Results	Hr DAM Trading Hub LBMP Loss Stlmt – Sink (\$) + Hr DAM Trading Hub LBMP Loss Stlmt – Src (\$)
543	DAM Hrly Trading Hub Cong \$	NUMBER(15,2)	\$\$	Day-ahead hourly congestion component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner	Cust Stlmt – Transactions DAM Trading Hub LBMP Energy Settlement/Hourly/Stlmt Results	Hr DAM Trading Hub LBMP Cong Stlmt – Sink (\$) + Hr DAM Trading Hub LBMP Cong Stlmt – Src (\$)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
544	DAM Hrly Trading Hub LBMP \$	NUMBER(15,2)	\$\$	Day-ahead hourly total Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner	<u>Cust Stlmt – Transactions</u> DAM Trading Hub LBMP Energy Settlement/Hourly/Stlmt Results	Hr DAM Trading Hub Total LBMP Stlmt – Sink (\$) + Hr DAM Trading Hub Total LBMP Stlmt – Src (\$)
545	R/T Hrly Trading Hub MW	NUMBER(17,4)	MWh	Real-time hourly Trading Hub MWh amount either sold to or purchased from the NYISO LBMP market	+ = MWh sold to ISO	<u>Cust Stlmt – Transactions</u> RT Trading Hub LBMP Energy Settlement/Hourly/Billing Determinants	Hr RT Trading Hub – Sink (MW) + Hr RT Trading Hub – Src (MW)
546	R/T Hrly Trading Hub Energy \$	NUMBER(15,2)	\$\$	Real-time hourly energy component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner	<u>Cust Stlmt – Transactions</u> RT Trading Hub LBMP Energy Settlement/Hourly/Stlmt Results	Hr RT Trading Hub LBMP Energy Stlmt – Sink (\$) + Hr RT Trading Hub LBMP Energy Stlmt – Src (\$)
547	R/T Hrly Trading Hub Loss \$	NUMBER(15,2)	\$\$	Real-time hourly loss component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner	<u>Cust Stlmt – Transactions</u> RT Trading Hub LBMP Energy Settlement/Hourly/Stlmt Results	Hr RT Trading Hub LBMP Loss Stlmt – Sink (\$) + Hr RT Trading Hub LBMP Loss Stlmt – Src (\$)
548	R/T Hrly Trading Hub Cong \$	NUMBER(15,2)	\$\$	Real-time hourly congestion component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner	<u>Cust Stlmt – Transactions</u> RT Trading Hub LBMP Energy Settlement/Hourly/Stlmt Results	Hr RT Trading Hub LBMP Cong Stlmt – Sink (\$) + Hr RT Trading Hub LBMP Cong Stlmt – Src (\$)
549	R/T Hrly Trading Hub LBMP \$	NUMBER(15,2)	\$\$	Real-time hourly total Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner	<u>Cust Stlmt – Transactions</u> RT Trading Hub LBMP Energy Settlement/Hourly/Stlmt Results	Hr RT Trading Hub Total LBMP Stlmt – Sink (\$) + Hr RT Trading Hub Total LBMP Stlmt – Src (\$)

FILE TWO: Daily Data

I. Power Suppliers Data (Daily)

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
100	Org name	VARCHAR2(50)	ID	Name of the Organization		Cust Sttlmt – Power Suppliers <u>Organizations</u>	Org Name
200	Gen name	VARCHAR2(50)	ID	Name for the Generator		Cust Sttlmt – Power Suppliers <u>Generators</u>	Gen Name
201	Gen Ptid	NUMBER(5)	ID	NYISO assigned Generator identifier		Cust Sttlmt – Power Suppliers <u>Generators</u>	Gen PTID
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date		Cust Sttlmt – Power Suppliers <u>Time/Day</u>	Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY.
300	Day Ahead LBMP MWh	NUMBER(18,4)	MWh	Daily total day ahead LBMP MWh	+ = Sale to the ISO	Cust Sttlmt – Power Suppliers <u>DAM Energy Settlement/Daily/Other Related Info</u>	Day NYISO DAM Energy (MW)
301	Day Ahead forward Energy \$			Daily total day ahead LBMP values	+ = Due Generator	Cust Sttlmt – Power Suppliers <u>DAM Energy Settlement/Daily/Sttlmnt Results</u>	Day Total DAM Sttlmnt: Gen (\$)
302	Day Ahead BPCG \$	NUMBER(16,2)	\$\$	Daily dam minimum generation / start up payments	+ = Due Generator	Cust Sttlmt – Power Suppliers <u>DAM BPCG Settlement/Settlement Results</u>	Day DAM BPCG Sttlmnt (\$)
303	Integrated R/T Balancing MWh	NUMBER(18,4)	MWh	Daily total time weighted balancing MWs	+ = Sale to the ISO	Cust Sttlmt – Power Suppliers <u>BalMkt Energy Settlement/Daily/Other Related Info</u>	Day Gen BalMkt Energy (MW) + Day CLR (MW)
304	Balancing Energy \$	NUMBER(16,2)	\$\$	Daily balancing energy payment or charge	+ = Due Generator	Cust Sttlmt – Power Suppliers <u>BalMkt Energy Settlement/Daily/Sttlmnt</u>	Day Total BalMkt Sttlmnt – Gen (\$) + Day Total CLR BalMkt Sttlmnt: Gen (\$)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						Results	
305	R/T BPCG \$	NUMBER(16,2)	\$\$	Daily balancing minimum generation / start up payments	+ = Due Generator	Cust Sttlmt – Power Suppliers <u>Real Time BPCG Settlement/Settlement Results</u>	Day RT BPCG Stlmnt (\$)
306	Voltage Support \$	NUMBER(16,2)	\$\$	Daily Voltage payment based on in service time and fixed rate or fixed payment schedule for units under contract to supply installed capacity	+ = Due Generator	Cust Sttlmt - PowerSupplrs: AncServ <u>Voltage Support Service/VSS Credit/Daily</u>	Day VSS Stlmnt (\$)
307	VSS LOC \$	NUMBER(16,2)	\$\$	Daily Lost opportunity cost value for units directed to hold a MW output to support voltage	+ = Due Generator	Cust Sttlmt - PowerSupplrs: AncServ <u>Voltage Support Service/VSS LOC/Daily</u>	Day VSS LOC Stlmnt (\$)
308	Regulation Payment \$	NUMBER(16,2)	\$\$	Daily Regulation Response Availability Payment	+ = Due Generator	Cust Sttlmt - PowerSupplrs: AncServ <u>Regulation Service/DAM Regulation Availability/Daily</u> Regulation Service/Sup Regulation Availability/Daily Regulation Service/Regulation Replacement/Daily Regulation Service/BalMkt Regulation Availability/Daily	For Pre-SMD Billing Days: Day DAM Reg Avail Stlmnt (\$) + Day Sup Reg Avail Stlmnt (\$) + Day Reg Replacement Cost (\$) For Post-SMD Billing Days: Day DAM Reg Avail Stlmnt (\$) + Day BalMkt Reg Avail Stlmnt (\$)
309	Regulation Charge \$	NUMBER(16,2)	\$\$	Daily Regulation & Frequency Response Penalties	+ = Due ISO	Cust Sttlmt - PowerSupplrs: AncServ <u>Regulation Service/Regulation Penalty/Daily</u>	-1* Day Reg Penalty



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
310	Operating Reserve Payment \$	NUMBER(16,2)	\$\$	Daily Total Operating Reserve Service Settlement Payment	+ = Due Generator	Cust Stlmnt - PowerSupplrs: AncServ <hr/> 10-Min Sync Operating Reserves/DAM 10-Min Sync Availability/Daily 10-Min Sync Operating Reserves/Sup 10-Min Sync Availability/Daily 10-Min Sync Operating Reserves/10-Min Sync Reduction /Daily 10-Min Non-Sync Operating Reserves/DAM 10-Min NonSync Availability/Daily 10-Min Non-Sync Operating Reserves/Sup 10-Min NonSync Availability/Daily 10-Min Non-Sync Operating Reserves/10-Min NonSync Reduction/Daily 30-Min Operating Reserves/DAM 30-Min OperRes Availability/Daily 30-Min Operating Reserves/Sup 30-Min OperRes Availability/Daily 30-Min Operating Reserves/30-Min Reduction /Daily Operating Reserve LOCs and Penalties/Sync LOC/Daily/Stlmnt Results Operating Reserve LOCs and Penalties/10-Min NonSync LOC/Daily Operating Reserve LOCs and Penalties/10-Min	For Pre-SMD Billing Days: Day DAM 10Sync Avail Stlmnt (\$) + Day Sup 10Sync Avail Stlmnt (\$) + Day 10Sync Reduct Stlmnt (\$) + Day DAM 10NSync Avail Stlmnt (\$) + Day Sup 10NSync Avail Stlmnt (\$) + Day 10NSync Reduct Stlmnt (\$) + Day DAM 30Min Avail Stlmnt (\$) + Day Sup 30Min Avail Stlmnt (\$) + Day 30Min Reduct Stlmnt (\$) + Day 10Sync LOC Stlmnt (\$) + Day Adj 10NSync LOC Stlmnt (\$) + Day 10Min Shortfall Stlmnt (\$) For Post-SMD Billing Days: Day DAM 10Sync Avail Stlmnt (\$) + Day BalMkt 10Sync Avail Stlmnt (\$) + Day DAM 10NSync Avail Stlmnt (\$) + Day BalMkt 10NSync Avail Stlmnt (\$) + Day DAM 30Min Avail Stlmnt (\$) + Day BalMkt 30Min Avail Stlmnt (\$)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
311	Black Start Daily Revenue Req	NUMBER(16,2)	\$\$	Daily Black Start Revenue Requirement	+ = Due Generator	Cust Stlmt - PowerSupplrs: AncServ <u>Black Start/Daily/Stlmt Results</u>	Day Black Start Stlmt (\$)
312	Black Start Service Payment \$	NUMBER(16,2)	\$\$	Black Start Service Payment	+ = Due Generator	Cust Stlmt - PowerSupplrs: AncServ <u>Black Start/Daily/Stlmt Results</u>	Day Black Start Stlmt (\$)
313	DAM Contract Balancing Payment \$	NUMBER(16,2)	\$\$	Payment to make units whole for being dispatched below their day-ahead schedule out-of-merit	+ = Due Generator	Cust Stlmt – Power Suppliers <u>DAMAP Settlement – Pre-SMD/Hourly/Stlmt Results</u> Or <u>Cust Stlmt – Power Suppliers</u> <u>DAMAP Settlement – SMD/Stlmt Results</u>	Day DAM MargAsrc Stlmt (\$) + Day DAM MargAsrc LRR Stlmt (\$)
314	ELR DAM Contract Balancing Payment \$	NUMBER(16,2)	\$\$	Payment to make units whole for being dispatched below their day-ahead schedule out-of-merit as ELR.	+ = Due Generator	Cust Stlmt – Power Suppliers <u>ELR DAM Margin Assurance/Settlement Results</u>	Day ELR DAM MargAsrc Stlmt (\$)
316	Regulation Rev Adj \$	NUMBER(15,2)	\$\$	Daily Regulation Revenue Adjustment	+ = Due Generator	Cust Stlmt - PowerSupplrs: AncServ <u>Regulation Service/Regulation Revenue Adj/Daily</u>	Day Reg Rev Adj Stlmt (\$)
317	Sup Event Credit \$	NUMBER(15,2)	\$\$	Daily Supplemental Event Credit	+ = Due Generator	Cust Stlmt – Power Suppliers <u>Supplemental Event Credit/Daily</u>	Day Supplemental Event Stlmt (\$)
318	Injection MWhr	NUMBER(17,4)	MWh	Injection MWhr		Cust Stlmt - PowerSupplrs: AncServ <u>ISO Services Charges/MST Schedule 1/Daily</u>	Day Sched 1 Inject (MW)
319	S SC&D MST Inject Rate	NUMBER(15,2)	\$/MWh	ISO MST schedule 1 rate on injections		Cust Stlmt - PowerSupplrs: AncServ <u>ISO Services Charges/MST Schedule</u>	Hr MST Sched 1 Rate: Inj (\$/MW)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						1/Hourly/Intermediate Calculations	
320	S SC&D MST Inject Charge \$	NUMBER(15,2)	\$\$	ISO MST schedule 1 charge on injections	+ = Due ISO	Cust Sttlmt - PowerSupplrs: AncServ ISO Services Charges/MST Schedule 1/Daily	-1* Day MST Sched 1 Inj Stlmt: Gen (\$)
321	S SC&D OAT Inject Rate	NUMBER(15,2)	\$/MWh	ISO OAT schedule 1 rate on injections		Cust Sttlmt - PowerSupplrs: AncServ ISO Services Charges/OATT Schedule 1/Hourly/Intermediate Calculations	Hr OATT Sched 1 Rate: Inj (\$/MW)
322	S SC&D OAT Inject Charge \$	NUMBER(15,2)	\$\$	ISO OAT schedule 1 charge on injections	+ = Due ISO	Cust Sttlmt - PowerSupplrs: AncServ ISO Services Charges/OATT Schedule 1/Daily	-1* Day OATT Sched 1 Inj Stlmt: Gen (\$)
323	Misc Exp MST Inject Rate	NUMBER(15,2)	\$/MWh	ISO MST miscellaneous expenses rate on injections		Cust Sttlmt - PowerSupplrs: AncServ ISO Services Charges/MST Misc Exp/Hourly/Intermediate Calculations	Hr MST Ttl Misc Exp Rate:Inj (\$/MW)
324	Misc Exp MST Inject Charge \$	NUMBER(15,2)	\$\$	ISO MST miscellaneous expenses charge on injections	+ = Due ISO	Cust Sttlmt - PowerSupplrs: AncServ ISO Services Charges/MST Misc Exp/Daily	-1* Day MST Ttl Msc Exp Inj Stmt:Gen (\$)
325	Misc Exp OAT Inject Rate	NUMBER(15,2)	\$/MWh	ISO OAT miscellaneous expenses rate on injections		Cust Sttlmt - PowerSupplrs: AncServ ISO Services Charges/OATT Misc Exp/Hourly/Intermediate Calculations	Hr OAT Ttl Misc Exp Rate:Inj (\$/MW)
326	Misc Exp OAT Inject Charge \$	NUMBER(15,2)	\$\$	ISO OAT miscellaneous expenses charge on injections	+ = Due ISO	Cust Sttlmt - PowerSupplrs: AncServ ISO Services Charges/OATT Misc Exp/Daily	-1* Hr OAT Ttl Msc Exp Inj Stmt:Gen (\$)

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
327	RT BPCG Mitigation Charge	NUMBER(16,2)	\$\$	Calculated Hr Real Time BPCG Mitigation charge	Calculated credit to ISO for Con Invoice	Cust Stlmt – Power Suppliers Real Time BPCG Settlement/Settlements Results	Day RT BPCG Mitg Charge (\$)
1017	Local Black Start/Rest Payment \$	NUMBER(15,2)	\$\$	Daily Local Black Start and Restoration Services Payment	+ = Due Generator	Cust Stlmt - PowerSupplrs: AncServ Black Start/Daily/Stlmt Results	Day Local Black Start Stlmt (\$) + Day Loc Blk Strt Test Stlmt (\$)
328	Margin Restoration (MOB) Payment \$	NUMBER(15,2)	\$\$	Daily Margin Restoration (Min Oil Bum) Payment	+ = Due Generator	Cust Stlmt – Power Suppliers Margin Restoration (MOB)/Daily	Day Marg Restor MOB Stlmt (\$)
329	Regulation Movement \$	NUMBER(15,2)	\$\$	Real-Time Market regulation movement settlement for the given Regulation Service provider and day	+ = Due Generator	Cust Stlmt - PowerSupplrs: AncServ Regulation Service/RT Regulation Movement/Daily	Day RT Reg Movement Stlmt (\$)
330	Regulation Performance Charge \$	NUMBER(15,2)	\$\$	The Real-Time Market regulation performance charge assessed to the given Regulation Service provider, for the day, for not performing as instructed in real-time	+ = Due ISO	Cust Stlmt - PowerSupplrs: AncServ Regulation Service/RT Regulation Performance Charge/Daily	-1* Day RT Reg Performance Charge (\$)

II. Transmission Customers Data - LSE LBMP Energy and Transaction TUC and TSC Charges (Daily)

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
100	Org name	VARCHAR2(50)	ID	Name of the Organization		Cust Stlmt – Loads Organization	Org Name
400	LSE name	VARCHAR2(50)	ID	Name of Load Serving Entity		Cust Stlmt – Loads Load Serving Entity	LSE Name
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date		Cust Stlmt – Loads Time/Day	Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY.
700	Day Ahead Hrlly LBMP MWh	NUMBER(18,4)	MWh	Daily LBMP MWs purchased Day-Ahead (Load bid MWs)	+ = Purchase from the ISO	Cust Stlmt – Loads DAM Energy Settlement/Daily/Other Related Info	Day DAM Sched Load (MW)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
701	Fwd Energy \$	NUMBER(16,2)	\$\$	Daily Energy component cost	+ = Due ISO	Cust Stlmt – Loads DAM Energy Settlement/Daily/Stlmt Results	-1* Day DAM Energy Stlmt: LSE (\$)
702	Fwd Loss \$	NUMBER(16,2)	\$\$	Daily Loss component cost	+ = Due ISO	Cust Stlmt – Loads DAM Energy Settlement/Daily/Stlmt Results	-1* Day DAM Loss Stlmt: LSE (\$)
703	Fwd Cong \$	NUMBER(16,2)	\$\$	Daily Congestion component cost	+ = Due ISO	Cust Stlmt – Loads DAM Energy Settlement/Daily/Stlmt Results	-1* Day DAM Cong Stlmt: LSE (\$)
704	LSE Integrated R/T Balancing MWh by zone	NUMBER(18,4)	MWh	Daily Time weighted load estimate based on LSE forecast, adjusted for NYISO measured subzone load proportional with other LSE's in this subzone, net from day ahead schedule and all bilateral transaction MWhs	+ = Purchase from the ISO	Cust Stlmt – Loads BalMkt Energy Settlement/Daily/Other Related Info	Day BalMkt Load: LSE (MWh)
705	Balancing Energy \$	NUMBER(16,2)	\$\$	Daily Energy component cost	+ = Due ISO	Cust Stlmt – Loads BalMkt Energy Settlement/Daily/Stlmt Results	-1* Day BalMkt Energy Stlmt: LSE (\$)
706	Balancing Loss \$	NUMBER(16,2)	\$\$	Daily Loss component cost	+ = Due ISO	Cust Stlmt – Loads BalMkt Energy Settlement/Daily/Stlmt Results	-1* Day BalMkt Loss Stlmt: LSE (\$)
707	Balancing Cong \$	NUMBER(16,2)	\$\$	Daily Congestion component cost	+ = Due ISO	Cust Stlmt – Loads BalMkt Energy Settlement/Daily/Stlmt Results	-1* Day BalMkt Cong Stlmt: LSE (\$)
750	Day Ahead Scheduled Transactions	NUMBER(18,4)	MWh	Daily Total of all day ahead transactions MWh amount		Cust Stlmt – Transactions DAM TUC Settlement/Daily/Other Related Info	Day DAM TUC Energy (MWh)
751	Transaction Day Ahead Loss \$	NUMBER(16,2)	\$\$	Daily Total of all transactions Loss component cost	+ = Due ISO	Cust Stlmt – Transactions DAM TUC Settlement/Daily/Stlmt Results	-1* Day DAM TUC Loss Stlmt (\$)
752	Transaction Day Ahead Congestion \$	NUMBER(16,2)	\$\$	Daily Total of all transactions Congestion component cost	+ = Due ISO	Cust Stlmt – Transactions DAM TUC	-1* Day DAM TUC Cong Stlmt (\$)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						Settlement/Daily/Stlmnt Results	
753	Day Ahead TUC \$	NUMBER(16,2)	\$\$	Daily Total transmission use charge (loss_cost + Cong_cost)	+ = Due ISO	Cust Stlmnt – Transactions <hr/> DAM TUC Settlement/Daily/Stlmnt Results	-1* Day Total DAM TUC Stlmnt (\$)
754	R/T Scheduled Transactions	NUMBER(18,4)	MWh	Daily Total of all R/T transaction MWhs		Cust Stlmnt – Transactions <hr/> BalMkt TUC Stlmnt/Daily/Other Related Info	Day BalMkt TUC Sched (MWh)
755	R/T Balancing Loss \$	NUMBER(16,2)	\$\$	Daily Total cost of losses on transactions	+ = Due ISO	Cust Stlmnt – Transactions <hr/> BalMkt TUC Stlmnt/Daily/Stlmnt Results	-1* Day BalMkt TUC Loss Stlmnt (\$)
756	R/T Balancing Congestion \$	NUMBER(16,2)	\$\$	Daily Total cost of congestions on transactions	+ = Due ISO	Cust Stlmnt – Transactions <hr/> BalMkt TUC Stlmnt/Daily/Stlmnt Results	-1* Day BalMkt TUC Cong Stlmnt (\$)
757	Hrly R/T TUC \$	NUMBER(16,2)	\$\$	Daily Total TUC charges (Loss_cost + Cong_cost)	+ = Due ISO	Cust Stlmnt – Transactions <hr/> BalMkt TUC Stlmnt/Daily/Stlmnt Results	-1* Day Total BalMkt TUC Stlmnt (\$)
776	Fin Impact Charge \$	NUMBER(16,2)	\$\$	Daily Financial Impact Charge	+ = Due ISO	Cust Stlmnt – Transactions <hr/> Financial Impact Charge/Daily	-1* Day Fin Imp Ch Stlmnt: Trans (\$) Note: This section of the Customer Statement file only contains Financial Impact Charges for Transaction Type = TUC.

III. Transmission Customers Data - Transaction LBMP Energy (Daily)

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
100	Org name	VARCHAR2(50)	ID	Name of the Organization		Cust Sttlmt – Transactions <u>Organization</u>	TC Org Name
400	LSE name	VARCHAR2(50)	ID	Name of Load Serving Entity(for External Transaction this will be NULL) for the transaction sink		Cust Sttlmt – Transactions <u>Load Serving Entity</u>	TransCnt LSE Name
101	Start Day	DATE Format: MON/DD/YYYY	Date	Start Date		Cust Sttlmt – Transactions <u>Time/Day</u>	Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY.
758	DAM LBMP Market MWHr	NUMBER(18,4)	MWh	Day ahead LBMP MWh amount	+ = Purchase from the ISO	Cust Sttlmt – Transactions <u>DAM LBMP Energy Settlement/Daily/Other Related Info</u> DAM Repl Energy Settlement/Daily/Other Related Info	-1* Day DAM LBMP Energy (MWh) + -1* Day DAM Repl Energy (MWh)
759	DAM LBMP Market Energy \$	NUMBER(16,2)	\$\$	Day ahead energy component cost	+ = Due ISO	Cust Sttlmt – Transactions <u>DAM LBMP Energy Settlement/Daily/Stlmnt Results</u> DAM Repl Energy Settlement/Daily/Stlmnt Results	-1* Day DAM LBMP Energy Stlmnt (\$) + -1* Day DAM Repl Energy Stlmnt (\$)
760	DAM LBMP Market Loss \$	NUMBER(16,2)	\$\$	Day ahead loss component cost	+ = Due ISO	Cust Sttlmt – Transactions <u>DAM LBMP Energy Settlement/Daily/Stlmnt Results</u> DAM Repl Energy Settlement/Daily/Stlmnt Results	-1* Day DAM LBMP Loss Stlmnt (\$) + -1* Day DAM Repl Loss Stlmnt (\$)

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
761	DAM LBMP Market Cong \$	NUMBER(16,2)	\$\$	Day ahead cong component cost	+ = Due ISO	Cust Stlmt – Transactions DAM LBMP Energy Settlement/Daily/Stlmt Results DAM Repl Energy Settlement/Daily/Stlmt Results	-1* Day DAM LBMP Cong Stlmt (\$) + -1* Day DAM Repl Cong Stlmt (\$)
762	DAM LBMP Market LBMP \$	NUMBER(16,2)	\$\$	Total day ahead LBMP cost	+ = Due ISO	Cust Stlmt – Transactions DAM LBMP Energy Settlement/Daily/Stlmt Results DAM Repl Energy Settlement/Daily/Stlmt Results	-1* Day DAM Total LBMP Stlmt (\$) + -1* Day Total DAM Repl Stlmt (\$)
763	R/T LBMP Market MWhr	NUMBER(18,4)	MWh	R/T LBMP MWh amount	+ = Purchase from the ISO	Cust Stlmt – Transactions BalMkt LBMP Energy Settlement/Daily/Other Related Info BalMkt Repl Energy Settlement/Daily/Other Related Info	-1* Day BalMkt LBMP Energy (MWh) + -1* Day BalMkt Repl Energy (MWh)
764	R/T LBMP Market Energy \$	NUMBER(16,2)	\$\$	R/T energy component cost	+ = Due ISO	Cust Stlmt – Transactions BalMkt LBMP Energy Settlement/Daily/Stlmt Results BalMkt Repl Energy Settlement/Daily/Stlmt Results	-1* Day BalMkt LBMP Energy Stlmt (\$) + -1* Day BalMkt Repl Energy Stlmt (\$)
765	R/T LBMP Market Loss \$	NUMBER(16,2)	\$\$	R/T loss component cost	+ = Due ISO	Cust Stlmt – Transactions BalMkt LBMP Energy Settlement/Daily/Stlmt Results BalMkt Repl Energy Settlement/Daily/Stlmt Results	-1* Day BalMkt LBMP Loss Stlmt (\$) + -1* Day BalMkt Repl Loss Stlmt (\$)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						Results	
766	R/T LBMP Market Cong \$	NUMBER(16,2)	\$\$	R/T cong component cost	+ = Due ISO	Cust Stlmt – Transactions <hr/> BalMkt LBMP Energy Settlement/Daily/Stlmt Results BalMkt Repl Energy Settlement/Daily/Stlmt Results	-1* Day BalMkt LBMP Cong Stlmt (\$) + -1* Day BalMkt Repl Cong Stlmt (\$)
767	R/T LBMP Market LBMP \$	NUMBER(16,2)	\$\$	Total R/T LBMP cost	+ = Due ISO	Cust Stlmt – Transactions <hr/> BalMkt LBMP Energy Settlement/Daily/Stlmt Results BalMkt Repl Energy Settlement/Daily/Stlmt Results	-1* Day BalMkt Total LBMP Stlmt (\$) + -1* Day Total BalMkt Repl Stlmt (\$)
768	DAM Bid Cost Guarantee	NUMBER(16,2)	\$\$	Day ahead bid cost guarantee	+ = Due Transaction Owner	Cust Stlmt – Transactions <hr/> DAM BPCG Settlement/Settlements Results	Day DAM Trans BPCG (\$)
769	R/T Bid Cost Guarantee	NUMBER(16,2)	\$\$	Real time bid cost guarantee	+ = Due Transaction Owner	Cust Stlmt – Transactions <hr/> Real Time BPCG Settlement/Settlements Results Imp ECA Suppl Guar Settlement/Daily	Day RT Trans BPCG (\$) + Day Imp ECA Suppl Guar (\$)
777	Fin Impact Charge \$	NUMBER(16,2)	\$\$	Daily Financial Impact Charge	+ = Due ISO	Cust Stlmt – Transactions <hr/> Financial Impact Charge/Daily	-1* Day Fin Imp Ch Stlmt: Trans (\$) Note: This section of the Customer Statement file only contains Financial Impact Charges for Transaction Type = LBMP.

IV. Transmission Customers Data - Ancillary Service Charges (Daily)

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
100	Org name	VARCHAR2(50)	ID	Name of the Organization		Cust Sttlmt – Loads: <u>AncServ</u> Organization Cust Sttlmt – <u>Transactions: AncSer</u> Transaction Customer Organization	Org Name TC Org Name
400	LSE name	VARCHAR2(50)	ID	Name of Load Serving Entity(for External Transaction this will be NULL)		Cust Sttlmt – Loads <u>AncServ</u> Load Serving Entities Cust Sttlmt – <u>Transactions</u> Load Serving Entity	LSE Name TransCnt LSE Name (Null for export and wheel-through transactions)
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date		Cust Sttlmt – Loads: <u>AncServ</u> Time/Day Cust Sttlmt – <u>Transactions: AncSer</u> Time/Day	Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY. Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY.
800	Ancillary Service Billing MWhr	NUMBER(18,4)	MWh	Daily Ancillary Services Billing MWhr		Cust Sttlmt – Loads: <u>AncServ</u> Ancillary Services/MST Schedule 1 (S, SC &D)/Daily Cust Sttlmt – <u>Transactions: AncSer</u> N/A	Day RT LSE Load (MWh) N/A



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
801	External Export Transactions MWhr	NUMBER(18,4)	MWh	Daily External Export Transactions MWhr		Cust Sttlmt – Loads: AncServ <hr/> N/A <hr/> Cust Sttlmt – Transactions: AncSer Ancillary Services/MST Schedule 1 (S, SC &D)/Daily	N/A <hr/> Day RT Export Trans: TC (MWh)
802	Hourly External Wheel Thru Transactions MWhr	NUMBER(18,4)	MWh	Daily Hourly External Wheel Thru Transactions MWhr		Cust Sttlmt – Loads: AncServ <hr/> N/A <hr/> Cust Sttlmt – Transactions: AncSer Ancillary Services/MST Schedule 1 (S, SC &D)/Daily	N/A <hr/> Day RT Wheel-Thru Trans: TC (MWh)
803	NTAC Charge \$	NUMBER(16,2)	\$\$	Daily NTAC charge	+ = Due ISO	Cust Sttlmt – Loads: AncServ Settlement Allocations/NTAC/Daily <hr/> Cust Sttlmt – Transactions: AncSer Settlement Allocations/NTAC/Daily	-1* Day Total NTAC Sttlmt: LSE (\$) <hr/> -1* Day Total NTAC Sttlmt: TC (\$)
804	VSS Charge\$	NUMBER(16,2)	\$\$	Daily voltage support charge	+ = Due ISO	Cust Sttlmt – Loads: AncServ Ancillary Services/OATT Schedule 2 – VSS/Daily <hr/> Cust Sttlmt – Transactions: AncSer Ancillary Services/OATT	-1* Day VSS Sttlmt: LSE (\$) <hr/> -1* Day VSS Sttlmt: TC (\$)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						Schedule 2 – VSS/Daily	
805	S,SC&D MST Charge \$	NUMBER(16,2)	\$\$	Daily ISO MST uplift charge	+ = Due ISO	<u>Cust Stlmt – Loads: AncServ</u> Ancillary Services/MST Schedule 1 (S, SC &D)/Daily <u>Cust Stlmt – Transactions: AncSer</u> Ancillary Services/MST Schedule 1 (S, SC &D)/Daily	-1* Day MST Sched 1 Stlmt: LSE (\$) -1* Day MST Sched 1 Stlmt: TC (\$)
806	Reserve Chg\$	NUMBER(16,2)	\$\$	Daily Total operating reserve charge	+ = Due ISO	<u>Cust Stlmt – Loads: AncServ</u> Ancillary Services/OATT Schedule 5 – OpReserves/Daily <u>Cust Stlmt – Transactions: AncSer</u> Ancillary Services/OATT Schedule 5 – OpReserves/Daily	-1* Day Op Res Stlmt: LSE (\$) -1* Day Op Res Stlmt: TC (\$)
807	R&FR Charge \$	NUMBER(16,2)	\$\$	Daily Total regulation charge	+ = Due ISO	<u>Cust Stlmt – Loads: AncServ/OATT Schedule 3 – Regulation/Daily</u> <u>Cust Stlmt – Transactions: AncSer</u> N/A	-1* Day Regulation Stlmt: LSE (\$) Note: This does not include Regulation Revenue Adjustment Settlement. That is reported in Billing Code 817 N/A



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
808	Black Start Charge \$	NUMBER(16,2)	\$\$	Daily Total black start charge	+ = Due ISO	Cust Sttlmt – Loads: AncServ <hr/> Ancillary Services/OATT Schedule 6 – Black Start/Daily <hr/> Cust Sttlmt – Transactions: AncSer N/A	-1* Day Black Start Stlmnt: LSE (\$) <hr/> N/A
809	S,SC&D OAT Charge \$	NUMBER(16,2)	\$\$	Daily ISO OAT uplift charge	+ = Due ISO	Cust Sttlmt – Loads: AncServ <hr/> Ancillary Services/OATT Schedule 1 (S, SC &D)/Daily <hr/> Cust Sttlmt – Transactions: AncSer Ancillary Services/OATT Schedule 1 (S, SC &D)/Daily	-1* Day OATT Sched 1 Stlmnt: LSE (\$) <hr/> -1* Day OATT Sched 1 Stlmnt: TC (\$)
810	LRR Mingen Charge\$	NUMBER(16,2)	\$\$	Daily Local Reliability Uplift charge	+ = Due ISO	Cust Sttlmt – Loads: AncServ <hr/> Uplift Allocations/DAM BPCG LRR <hr/> Uplift Allocations/RT BPCG LRR <hr/> Cust Sttlmt – Transactions: AncSer N/A	-1* Day DAM BPCG LRR Stlmnt: LSE (\$) + -1* Day RT BPCG LRR Stlmnt: LSE (\$) <hr/> N/A
811	LRR Black Start Charge \$					N/A	N/A

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
812	NYISO-wide Uplift Charge \$	NUMBER(16,2)	\$\$	Daily NYISO-wide Uplift charge from BPCG	+ = Due ISO	Cust Stlmt – Loads: AncServ <hr/> Uplift Allocations/DAM BPCG Uplift Allocations/RT BPCG Uplift Allocations/DAM Trans BPCG Uplift Allocations/RT Trans BPCG Uplift Allocations/Imp ECA Supplier Guarantee/Daily <hr/> Cust Stlmt – Transactions: AncSer <hr/> Uplift Allocations/DAM BPCG Uplift Allocations/RT BPCG Uplift Allocations/DAM Trans BPCG Uplift Allocations/RT Trans BPCG Uplift Allocations/Imp ECA Supplier Guarantee/Daily	-1* Day DAM BPCG Stlmnt: LSE (\$) + -1* Day RT BPCG Stlmnt: LSE (\$) + -1* Day DAM Trans BPCG Stlmnt: LSE (\$) + -1* Day RT Trans BPCG Stlmnt: LSE (\$) + -1* Day Imp ECA Sup Gnt Stlmnt: LSE (\$) <hr/> -1* Day DAM BPCG Stlmnt: TC (\$) + -1* Day RT BPCG Stlmnt: TC (\$) + -1* Day DAM Trans BPCG Stlmnt: TC (\$) + -1* Day RT Trans BPCG Stlmnt: TC (\$) + -1* Day Imp ECA Sup Gnt Stlmnt: TC (\$)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe	DSS Object Name
						DSS Class	
813	Residual Adjustment \$	NUMBER(16,2)	\$\$	Daily NYISO-wide Uplift charge from settlement residuals	+ = Due ISO	Cust Stlmnt – Loads: AncServ <hr/> NYISO Residuals/DAM Energy Residuals*/Daily * Remaining Residual Settlement Results are located within the NYISO Residuals Class Settlement Allocations/Emergency Purchases/Daily Settlement Allocations/Emergency Sales/Daily Uplift Allocations/DAM Margin Assurance/Daily Uplift Allocations/DAM Margin Assurance LRR Uplift Allocations/ELR DAM Margin Assurance Uplift Allocations/ELR DAM Margin Assurance LRR	-1* Day DAM Resid Engy Stlmnt: LSE (\$) + -1* Day Bal Resid Engy Stlmnt: LSE (\$) + -1* Day DAM Resid Loss Stlmnt: LSE (\$) + -1* Day Bal Resid Loss Stlmnt: LSE (\$) + -1* Day Bal Resid Cong Stlmnt: LSE (\$) + -1* Day Emergency Purch Stlmnt: LSE (\$) + -1* Day Emergency Sales Stlmnt: LSE (\$) + -1* Day DAM Mrgn Assrnc Stlmnt: LSE (\$) + -1* Day DAM Mrgn Assrnc LRR Stlmnt: LSE (\$)

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
							+ -1* Day ELR DAM MargAsrc Stlmt: LSE (\$)
						<hr/> Cust Stlmt – Transactions: AncSer NYISO Residuals/DAM Energy Residuals*/Daily	<hr/> -1* Day DAM Resid Engy Stlmt: TC (\$)
						* Remaining Residual Settlement Results are located within the NYISO Residuals Class	+ -1* Day Bal Resid Engy Stlmt: TC (\$)
						Settlement Allocations/Emergency Purchases/Daily	+ -1* Day DAM Resid Loss Stlmt: TC (\$)
						Settlement Allocations/Emergency Sales/Daily	+ -1* Day Bal Resid Loss Stlmt: TC (\$)
						Uplift Allocations/DAM Margin Assurance/Daily	+ -1* Day Bal Resid Cong Stlmt: TC (\$)
						Uplift Allocations/ELR DAM Margin Assurance	+ -1* Day Emergency Purch Stlmt: TC (\$)
							+ -1* Day Emergency Sales Stlmt: TC (\$)
							+ +



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
							-1* Day DAM Mrgn Assrnc Stlmnt: TC (\$) + -1* Day ELR DAM MargAsrc Stlmnt: TC (\$) <hr/> -1* Day DADRP Stlmnt (\$)
814	Demand Response Program Uplift	NUMBER(16,2)	\$\$	DAM Price Responsive Load Program Uplift charge	+ = Due ISO	Cust Stlmt – Loads: AncServ <hr/> Settlement Allocations/DADRP <hr/> Cust Stlmt – Transactions: AncSer N/A	<hr/> N/A <hr/> -1* Day DADRP Stlmnt (\$)
815	Incremental Uplift	NUMBER(16,2)	\$\$	Incremental uplift due to under forecasting and bidding	+ = Due ISO	Cust Stlmt – Loads: AncServ <hr/> Uplift Allocations/DAM BPCG Frct <hr/> Cust Stlmt – Transactions: AncSer N/A	<hr/> N/A <hr/> -1* Day DAM BPCG Forecast Stlmnt (\$)
817	Regulation Rev Adj \$	NUMBER(16,2)	\$\$	Daily Regulation Revenue Adjustment	+ = Due ISO	Cust Stlmt – Loads: Ancillary Services/OATT Schedule 3 – Regulation/Daily <hr/> Cust Stlmt – Transactions: AncSer N/A	<hr/> N/A <hr/> -1* Day RRA Stlmnt: LSE (\$)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
818	Sup Event Charge \$	NUMBER(16,2)	\$\$	Daily Supplemental Event Charge	+ = Due ISO	Cust Sttlmt – Loads: AncServ	-1* Day Supp Event Stlmnt: LSE (\$)
						Uplift Allocations/Supplemental Event Charge	
819	Fin Impact Credit \$	NUMBER(16,2)	\$\$	Daily Financial Impact Credit	+ = Due Transmission Customer	Cust Sttlmt – Transactions: AncSer	-1* Day Supp Event Stlmnt: TC (\$)
						Uplift Allocations/Supplemental Event Charge	
819	Fin Impact Credit \$	NUMBER(16,2)	\$\$	Daily Financial Impact Credit	+ = Due Transmission Customer	Cust Sttlmt – Loads: AncServ	Day Fin Imp Cred Stlmnt: LSE (\$)
						Settlement Allocations/Financial Impact Credit/Daily	
824	External LBMP Export Transactions MWhr	NUMBER(17,4)	MWh	Scheduled LBMP Export Transactions MWhr		Cust Sttlmt – Transactions: AncSer	Day Fin Imp Cred Stlmnt: TC (\$)
						Settlement Allocations/Financial Impact Credit/Daily	
824	External LBMP Export Transactions MWhr	NUMBER(17,4)	MWh	Scheduled LBMP Export Transactions MWhr		Cust Sttlmt – Loads: AncServ	N/A
						N/A	
824	External LBMP Export Transactions MWhr	NUMBER(17,4)	MWh	Scheduled LBMP Export Transactions MWhr		Cust Sttlmt – Transactions: AncSer	Day RT LBMP Export Trans: TC (MW)
						Ancillary Services/MST Schedule 1 (S, SC &D)/Daily	



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
825	External Import Transactions MWhr	NUMBER(17,4)	MWh	Schedule Import Transactions MWhr (LBMP and point-to-point transactions)		Cust Sttlmt – Loads: AncServ <hr/> N/A <hr/> Cust Sttlmt – Transactions: AncSer Ancillary Services/MST Schedule 1 (S, SC &D)/Daily	N/A <hr/> Day RT Import Trans: TC (MW)
826	S SC&D MST WD Rate	NUMBER(15,2)	\$/MWh	ISO MST schedule 1 rate on withdrawals		Cust Sttlmt – Loads: AncServ <hr/> Ancillary Services/ MST Schedule 1 (S, SC &D)/Hourly/Intermediate Calculations <hr/> Cust Sttlmt – Transactions: AncSer Ancillary Services/MST Misc Exp/Hourly/Intermediate Calculations	Hr MST Sched 1 Rate: WD (\$/MW) <hr/> Hr MST Sched 1 Rate: WD (\$/MW)
827	S SC&D OAT WD Rate	NUMBER(15,2)	\$/MWh	ISO OAT schedule 1 rate on withdrawals		Cust Sttlmt – Loads: AncServ <hr/> Ancillary Services/ OATT Schedule 1 (S, SC &D)/Hourly/Intermediate Calculations <hr/> Cust Sttlmt – Transactions: AncSer Ancillary Services/ OATT Schedule 1 (S, SC &D)/Hourly/Intermediate Calculations	Hr OATT Sched 1 Rate: WD (\$/MW) <hr/> Hr OATT Sched 1 Rate: WD (\$/MW)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
319	S SC&D MST Inject Rate	NUMBER(15,2)	\$/MWh	ISO MST schedule 1 rate on injections		Cust Sttlmt – Loads: AncServ N/A <hr/> Cust Sttlmt – Transactions: AncSer Ancillary Services/MST Schedule 1 (S, SC &D)/Hourly/Intermediate Calculations	N/A <hr/> Hr MST Sched 1 Rate: Inj (\$/MW)
828	S SC&D MST Inject Charge \$	NUMBER(15,2)	\$\$	ISO MST schedule 1 charge on injections	+ = Due ISO	Cust Sttlmt – Loads: AncServ N/A <hr/> Cust Sttlmt – Transactions: AncSer Ancillary Services/MST Schedule 1 (S, SC &D)/Daily	N/A <hr/> Day MST Sched 1 Inj Stlmnt: TC (\$)
321	S SC&D OAT Inject Rate	NUMBER(15,2)	\$/MWh	ISO OAT schedule 1 rate on injections		Cust Sttlmt – Loads: AncServ N/A <hr/> Cust Sttlmt – Transactions: AncSer Ancillary Services/MST Schedule 1 (S, SC &D)/Hourly/Intermediate Calculations	N/A <hr/> Hr OATT Sched 1 Rate: Inj (\$/MW)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
829	S SC&D OAT Inject Charge \$	NUMBER(15,2)	\$\$	ISO OAT schedule 1 charge on injections	+ = Due ISO	Cust Sttlmt – Loads: AncServ <hr/> N/A <hr/> Cust Sttlmt – Transactions: AncSer Ancillary Services/OATT Schedule 1 (S, SC &D)/Daily	N/A <hr/> Day OATT Sched 1 Inj Stlmnt: TC (\$)
323	Misc Exp MST Inject Rate	NUMBER(15,2)	\$/MWh	ISO MST miscellaneous expenses rate on injections		Cust Sttlmt – Loads: AncServ <hr/> N/A <hr/> Cust Sttlmt – Transactions: AncSer Ancillary Services/MST Misc Exp/Hourly/Intermediate Calculations	N/A <hr/> Hr MST Ttl Misc Exp Rate:Inj (\$/MW)
830	Misc Exp MST Inject Charge \$	NUMBER(15,2)	\$\$	ISO MST miscellaneous expenses charge on injections	+ = Due ISO	Cust Sttlmt – Loads: AncServ <hr/> N/A <hr/> Cust Sttlmt – Transactions: AncSer Ancillary Services/MST Misc Exp/Daily	N/A <hr/> Day MST Ttl Msc Exp Inj Stmt: TC (\$)
831	Misc Exp MST WD Rate	NUMBER(15,2)	\$/MWh	ISO MST miscellaneous expenses rate on withdrawals		Cust Sttlmt – Loads: AncServ Ancillary Services/MST Misc Exp/Hourly/Intermediate Calculations <hr/> Cust Sttlmt –	Hr MST Total Misc Exp Rate: WD (\$/MW) <hr/> Hr MST Total Misc Exp Rate: WD



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						Transactions: AncSer Ancillary Services/MST Misc Exp/Hourly/Intermediate Calculations	(\$/MW)
832	Misc Exp MST WD Charge \$	NUMBER(15,2)	\$\$	ISO MST miscellaneous expenses charge on withdrawals	+ = Due ISO	Cust Sttlmt – Loads: AncServ Ancillary Services/MST Misc Exp/Daily Cust Sttlmt – Transactions: AncSer Ancillary Services/MST Misc Exp/Daily	Day MST Ttl Msc Exp WD Stmt:LSE (\$) Day MST Ttl Misc Exp WD Stlmt:TC (\$)
325	Misc Exp OAT Inject Rate	NUMBER(15,2)	\$/MWh	ISO OAT miscellaneous expenses rate on injections		Cust Sttlmt – Loads: AncServ N/A Cust Sttlmt – Transactions: AncSer Ancillary Services/OAT Misc Exp/Hourly/Intermediate Calculations	N/A Hr OAT Ttl Misc Exp Rate:Inj (\$/MW)
833	Misc Exp OAT Inject Charge \$	NUMBER(15,2)	\$\$	ISO OAT miscellaneous expenses charge on injections	+ = Due ISO	Cust Sttlmt – Loads: AncServ N/A Cust Sttlmt – Transactions: AncSer Ancillary Services/OAT Misc Exp/Daily	N/A Day OAT Ttl Msc Exp Inj Stmt:Gen (\$)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
834	Misc Exp OAT WD Rate	NUMBER(15,2)	\$/MWh	ISO OAT miscellaneous expenses rate on withdrawals		<hr/> Cust Sttlmt – Loads: AncServ <hr/> Ancillary Services/OAT Misc Exp/Hourly/Intermediate Calculations <hr/> Cust Sttlmt – Transactions: AncSer <hr/> Ancillary Services/OAT Misc Exp/Hourly/Intermediate Calculations	<hr/> Hr OATT Total Misc Exp Rate: WD (\$/MW) <hr/> Hr OATT Total Misc Exp Rate: WD (\$/MW)
835	Misc Exp OAT WD Charge \$	NUMBER(15,2)	\$\$	ISO OAT miscellaneous expenses charge on withdrawals	+ = Due ISO	<hr/> Cust Sttlmt – Loads: AncServ <hr/> Ancillary Services/OAT Misc Exp/Daily <hr/> Cust Sttlmt – Transactions: AncSer <hr/> Ancillary Services/OAT Misc Exp/Daily	<hr/> Day OATT Ttl Msc Exp WD Stmt:LSE (\$) <hr/> Day OAT Ttl Msc Exp WD Stmt: TC (\$)
836	Ramapo PAR Charge \$	NUMBER(15,2)	\$\$	Daily Ramapo Phase Angle Regulator Charge	+ = Due ISO	<hr/> Cust Sttlmt – Loads: AncServ <hr/> Ancillary Services/OATT Service Payments/Daily/Stlmnt Results <hr/> Cust Sttlmt – Transactions: AncSer <hr/> Ancillary Services/OATT Service Payments/Daily/Stlmnt Results	<hr/> -1* Day Ramapo PAR Stlmnt: LSE (\$) <hr/> -1* Day Ramapo PAR Stlmnt: TC (\$) <hr/>



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
837	Station 80 Charge \$	NUMBER(15,2)	\$\$	Daily Station 80 Capacitor Bank Charge	+ = Due ISO	Cust Stlmt – Loads: AncServ <hr/> Ancillary Services/OATT Service Payments/Daily/Stlmt Results <hr/> Cust Stlmt – Transactions: AncSer Ancillary Services/OATT Service Payments/Daily/Stlmt Results	-1* Day Station 80 Stlmt: LSE (\$) -1* Day Station 80 Stlmt: TC (\$)
838	Local Black Start/Rest Charge \$	NUMBER(15,2)	\$\$	Daily Local Black Start and Restoration Services Charge	+ = Due ISO	Cust Stlmt – Loads: AncServ <hr/> Ancillary Services/OATT Schedule 6 - Black Start/Daily <hr/> Cust Stlmt – Transactions: AncSer N/A	-1* Day Local Black Start Stlmt: LSE (\$) + -1* Day LBS Test Stlmt: LSE (\$) N/A
839	Margin Restoration (MOB) Charge \$	NUMBER(15,2)	\$\$	Daily Margin Restoration (Min Oil Burn) Charge	+ = Due ISO	Cust Stlmt – Loads: AncServ <hr/> Uplift Allocations/Margin Restoration (MOB)/Daily <hr/> Cust Stlmt – Transactions: AncSer N/A	-1* Day Marg Restor MOB Stlmt: LSE (\$) N/A
840	EDRP/SCR Demand Response Charge \$ (Local)	NUMBER(15,2)	\$\$	Local allocation of EDRP and SCR program charges	+ = Due ISO	Cust Stlmt – Loads: AncServ <hr/> Settlement Allocations/EDRP/Daily	-1* Day EDRP Local Stlmt: LSE (\$) +

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe	DSS Object Name
						DSS Class	
						Settlement Allocations/SCR/Daily Uplift Allocations/SCR BCG/Daily Cust Stlmt – Transactions: AncSer N/A	-1* Day SCR Local Stlmt: LSE (\$) + -1* Day SCR BCG Local Stlmt: LSE (\$) N/A
841	EDRP/SCR Demand Response Charge \$ (NYISO-wide)	NUMBER(15,2)	\$\$	NYISO-Wide allocation of EDRP and SCR program charge	+ = Due ISO	Cust Stlmt – Loads: AncServ Settlement Allocations/EDRP/Daily Settlement Allocations/SCR/Daily Uplift Allocations/ SCR BCG /Daily Cust Stlmt – Transactions: AncSer N/A	-1* Day EDRP NYISO-Wide Stlmt: LSE (\$) + -1* Day SCR NYISO-Wide Stlmt: LSE (\$) + -1* Day SCR BCG NYISO-Wide Stlmt: LSE (\$) N/A
4004	Regulated Transmission Projects Charge \$	NUMBER(15,2)	\$\$	Transmission project charge	+ = Due ISO	Cust Stlmt – Loads AncServ Regulated Transmission Projects/Daily/Settlement Results	-1* Day Reg Trans Project Stlmt: LSE (\$) N/A

V. Transmission Congestion Contract Holders Data (Daily)

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
100	Org name	VARCHAR2(50)	ID	Organization Name		Cust Stlmt – TCC Organization	Org Name



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
900	TCC Contract ID	NUMBER (13,0)	#ID	Transmission Congestion Contract ID		Cust Stlmt – TCC Trans Cong Contract	TCC ID
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date		Cust Stlmt – TCC Time/Day	Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY.
903	Tcc credit	NUMBER(16,2)	\$\$	Daily Transmission Congestion Contract payment value	+ = Due TCC Holder	Cust Stlmt – TCC TCC Rent Settlement/Daily/Stlmnt Results	Day TCC Rent Stlmnt (\$)

VI. Transmission Owners NTAC and DAM Congestion Balancing [only in TOs' advisory statements] (Daily)

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
100	Org name	VARCHAR2(50)	ID	Organization Name		Cust Stlmt – Transmission Owners Organization	Org Name
1000	TP_name	VARCHAR2(50)	ID	Transmission Owner Name		Cust Stlmt – Transmission Owners Transmission Provider	Transmission Provider Name
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date		Cust Stlmt – Transmission Owners Time/Day	Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY.
1012	NTAC_Credit	NUMBER(16,2)	\$\$	NTAC credit (applies only to NYPA)	+ = Due TO	Cust Stlmt – Transmission Owners NTAC	Day NTAC (NYPA) (\$)
1013	IMWM Coefficient	NUMBER(18,4)	#	MW-mile coefficient		Cust Stlmt – Transmission Owners DAM Excess Cong Residuals/Daily/Billing Determinants	Interface MW-Mile Coefficient
1014	Excess cong credit \$	NUMBER(16,2)	\$\$	DAM congestion balancing	+ = Due TO	Cust Stlmt – Transmission Owners DAM Excess Cong Residuals/Daily/Stlmnt Results	Day DAM Resid Cong Stlmnt: TO (\$)
4006	Regulated Transmission Projects Credit \$	NUMBER(15,2)	\$\$	Transmission project credit	+ = Due TO	Cust Stlmt- Transmission Owners Regulated Transmission Projects/Daily/Settlement	Day Reg Trans Project Recovery (\$)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						Results	
2014	Demand Reduction Load Balancing \$	NUMBER(16,2)	\$\$	Balancing charge for LSE load reduction	- = Due ISO	Cust Stlmt – Demand Response <hr/> DADRP Load Balance/Daily/Stlmt Results	Day DADRP Load Balance (\$)
2015	Load Reduction Bid Guarantee \$	NUMBER(16,2)	\$\$	Bid cost guarantee	+ = Due DRP	Cust Stlmt – Demand Response <hr/> DADRP BCG Settlement/Settlement Results	Day DADRP BCG Stlmt (\$)
2035	Sched 1 MWhr	NUMBER(20,4)	MWh	Hourly DADRP Schedule1 Injection MWh		Cust Stlmt – Demand Response <hr/> ISO Services Charges /MST Schedule 1/ Daily	Day DADRP Sched 1 Inject (MW)
319	S SC&D MST Inject Rate	NUMBER(7,6)	\$\$	ISO MST schedule 1 rate on injections		Cust Stlmt – Demand Response <hr/> ISO Services Charges /MST Schedule 1/ Daily	Day DADRP Sched 1 Inject (MW)
2036	S SC&D MST Inject Charge \$	NUMBER(19,6)	\$\$	ISO MST schedule 1 charge on Demand Response injections	+ = Due ISO	Cust Stlmt – Demand Response <hr/> ISO Services Charges /MST Schedule 1/ Daily	Day MST Sched 1 Inj Stlmt: DRB (\$)
321	S SC&D OAT Inject Rate	NUMBER(5,4)	\$\$	ISO OAT schedule 1 rate on injections		Cust Stlmt – Demand Response <hr/> ISO Services Charges/ OATT Schedule 1/Daily	Day DADRP Sched 1 Inject (MW)
2037	S SC&D OAT Inject Charge \$	NUMBER(19,6)	\$\$	ISO OAT schedule 1 charge on Demand Response injections	+ = Due ISO	Cust Stlmt – Demand Response <hr/> ISO Services Charges/ OATT Schedule 1/Daily	Day OATT Schd 1 Inj Stlmt: DRB (\$)
323	Misc Exp MST Inject Rate	NUMBER(5,4)	\$\$	ISO MST miscellaneous expenses rate on injections		Cust Stlmt – Demand Response <hr/> ISO Services Charges/ MST Misc Exp/Daily	Day DADRP Sched 1 Inject (MW)
2038	Misc Exp MST Inject Charge \$	NUMBER(19,6)	\$\$	ISO MST miscellaneous expenses charge on Demand Response injections	+ = Due ISO	Cust Stlmt – Demand Response <hr/> ISO Services Charges/ MST Misc Exp/Daily	Day MST Ttl Msc Exp Inj Stmt: DRB(\$)
325	Misc Exp OAT Inject Rate	NUMBER(5,4)	\$\$	ISO OAT miscellaneous expenses rate on injections		Cust Stlmt – Demand Response <hr/> ISO Services Charges/	Day DADRP Sched 1 Inject (MW)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						MST Misc Exp/Daily	
2039	Misc Exp OAT Inject Charge \$	NUMBER(19,6)	\$\$	ISO OAT miscellaneous expenses charge on Demand Response injections	+ = Due ISO	Cust Stlmt – Demand Response <u>ISO Services Charges/ MST Misc Exp/Daily</u>	Day MST Ttl Msc Exp Inj Stmt: DRB(\$)
2025	EDRP Demand Response Reduction MWhr	NUMBER(19,6)	MWh	Is a number representing the total amount of EDRP Demand Response reduction for the given day.		Cust Stlmt – Demand Response <u>EDRP Reduction Settlement/Daily/Other Related Info</u>	Day EDRP Reduction (MW)
2026	EDRP Demand Response Credit \$	NUMBER(19,6)	\$\$	Is a number representing the total amount of EDRP Demand Response credits for the given day.	+ = Due Customer	Cust Stlmt – Demand Response <u>EDRP Reduction Settlement/Daily/Stlmnt Results</u>	Day EDRP Stlmnt (\$)
2027	SCR Demand Response Reduction MWhr	NUMBER(19,6)	MWh	Is a number representing the total amount of SCR Demand Response reduction for the given day.		Cust Stlmt – Demand Response <u>SCR Reduction Settlement/Daily/Other Related Info</u>	Day SCR Reduction (MW)
2028	SCR Demand Response Credit \$	NUMBER(19,6)	\$\$	Is a number representing the total amount of SCR Demand Response credits for the given day.	+ = Due Customer	Cust Stlmt – Demand Response <u>SCR Reduction Settlement/Daily/ Stlmnt Results</u>	Day SCR Stlmnt (\$)
2029	SCR Demand Response Bid Cost Guarantee \$	NUMBER(19,6)	\$\$	Is a number representing the total amount of SCR BCG payments for the given day.	+ = Due Customer	Cust Stlmt – Demand Response <u>SCR BPCG Settlement/Daily</u>	Day SCR Bid Cost Guarantee (\$)

VIII. Virtual Bidding (Daily)

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
100	Org name	VARCHAR2(50)	ID	Name of the Organization		Cust Stlmt – Virtual Market <u>Organization</u>	Org Name
400	LSE name	VARCHAR2(50)	ID	Name of Load Serving Entity		Cust Stlmt – Virtual Market <u>Virtual Bid Entity</u>	Virtual Bid Entity ID
3000	Virtual Bus name	VARCHAR2(50)	ID	Name of Virtual Load or Supply Bus		Cust Stlmt – Virtual Market	VS Bus Name

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						Virtual Supply Market/Virtual Supply Bus Or Cust Sttlmt – Virtual Market <hr/> Virtual Load Market/Virtual Load Bus	Or VL Bus Name
3001	Virtual Bus PTID	NUMBER(5)	ID	NYISO assigned point identifier		Cust Sttlmt – Virtual Market <hr/> Virtual Supply Market/Virtual Supply Bus Or Cust Sttlmt – Virtual Market <hr/> Virtual Load Market/Virtual Load Bus	VS Bus PTID Or VL Bus PTID
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date		Cust Sttlmt – Virtual Market <hr/> Time/Day	Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY.
770	Daily DAM Virtual Load MWh	NUMBER(18,4)	MWh	Virtual load bid scheduled day-ahead	+ = MWh purchased	Cust Sttlmt – Virtual Market <hr/> Virtual Load Market/DAM Vload Settlement/Daily/Other Related Info	Day DAM VLoad Energy (MW)
771	Daily DAM Virtual Load \$	NUMBER(16,2)	\$\$	Day-head Virtual Load settlement	+ = Due ISO	Cust Sttlmt – Virtual Market <hr/> Virtual Load Market/DAM Vload Settlement/Daily/Stlmnt Results	-1* Day Total DAM VLoad Stlmnt (\$)
772	Daily DAM Virtual Supply MWh	NUMBER(18,4)	MWh	Virtual supply bid scheduled day-ahead	+ = MWh Sold	Cust Sttlmt – Virtual Market <hr/> Virtual Supply Market/DAM VSupply Settlement/Daily/Other Related Info	-1* Day DAM VSupply Energy (MW)

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
773	Daily DAM Virtual Supply \$	NUMBER(16,2)	\$\$	Day-head Virtual Supply settlement	+ = Due customer	Cust Stlmt – Virtual Market Virtual Supply Market/DAM VSupply Settlement/Daily/Stlmt Results	Day Total DAM VSupply Stlmt (\$)
774	Daily Balancing Virtual Load \$	NUMBER(16,2)	\$\$	Balancing Virtual Load settlement	- = Due customer	Cust Stlmt – Virtual Market Virtual Load Market/BalMkt Vload Settlement/Daily/Stlmt Results	-1* Day Total BalMkt VLoad Stlmt (\$)
775	Daily Balancing Virtual Supply \$	NUMBER(16,2)	\$\$	Balancing Virtual Supply settlement	- = Due NYISO	Cust Stlmt – Virtual Market Virtual Supply Market/BalMkt VSupply Settlement/Daily/Stlmt Results	Day Total BalMkt VSupply Stlmt (\$)

VIII. Transmission Owner Data- Service Payments [only in TO advisory statements] (Daily)

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
1000	TP name	VARCHAR2(50)	ID	Transmission Owner Name		Cust Stlmt - Transmission Owners Transmission Provider	Transmission Provider Name
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date		Cust Stlmt - Transmission Owners Time/Day	Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY.
1015	Ramapo PAR Credit \$	NUMBER(15,2)	\$\$	Ramapo Phase Angle Regulator Payment	+ = Due TO	Cust Stlmt - Transmission Owners Service Payments/Daily	Day Ramapo PAR Stlmt: TO (\$)
1016	Station 80 Credit \$	NUMBER(15,2)	\$\$	Station 80 Capacitor Bank Payment	+ = Due TO	Cust Stlmt - Transmission Owners Service Payments/Daily	Day Station 80 Stlmt: TO (\$)

IX. Transmission Customers Data - Trading Hub LBMP Transactions - (Daily)

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
100	Org name	VARCHAR2(50)	ID	Name of the Organization		Cust Stlmt – Transactions	Src Org Name, Sink Org Name



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
						Source, Sink	
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date		<u>Cust Stlmt – Transactions</u> DAM Trading Hub LBMP Energy Settlement/Daily, RT Trading Hub LBMP Energy Settlement/Daily	Interval Start Day (Eastern) Note: Format is slightly different. DSS format is MM/DD/YYYY.
780	DAM Trading Hub Energy \$	NUMBER(16,2)	\$\$	Day-ahead daily energy component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner	<u>Cust Stlmt – Transactions</u> DAM Trading Hub LBMP Energy Settlement/Daily/Stlmt Results	Day DAM Trading Hub LBMP Energy Stlmt – Sink (\$) + Day DAM Trading Hub LBMP Energy Stlmt – Src (\$)
781	DAM Trading Hub Loss \$	NUMBER(16,2)	\$\$	Day-ahead daily loss component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner	<u>Cust Stlmt – Transactions</u> DAM Trading Hub LBMP Energy Settlement/Daily/Stlmt Results	Day DAM Trading Hub LBMP Loss Stlmt – Sink (\$) + Day DAM Trading Hub LBMP Loss Stlmt – Src (\$)
782	DAM Trading Hub Cong \$	NUMBER(16,2)	\$\$	Day-ahead daily congestion component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner	<u>Cust Stlmt – Transactions</u> DAM Trading Hub LBMP Energy Settlement/Daily/Stlmt Results	Day DAM Trading Hub LBMP Cong Stlmt – Sink (\$) + Day DAM Trading Hub LBMP Cong Stlmt – Src (\$)
783	DAM Trading Hub LBMP \$	NUMBER(16,2)	\$\$	Day-ahead daily total Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner	<u>Cust Stlmt – Transactions</u> DAM Trading Hub LBMP Energy Settlement/Daily/Stlmt Results	Day DAM Trading Hub Total LBMP Stlmt – Sink (\$) + Day DAM Trading Hub Total LBMP Stlmt – Src (\$)
784	R/T Trading Hub Energy \$	NUMBER(16,2)	\$\$	Real-time daily energy component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner	<u>Cust Stlmt – Transactions</u> RT Trading Hub LBMP Energy Settlement/Daily/Stlmt Results	Day RT Trading Hub LBMP Energy Stlmt – Sink (\$) + Day RT Trading Hub LBMP Energy Stlmt – Src (\$)
785	R/T Trading Hub Loss \$	NUMBER(16,2)	\$\$	Real-time daily loss component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner	<u>Cust Stlmt – Transactions</u> RT Trading Hub LBMP Energy Settlement/Daily/Stlmt Results	Day RT Trading Hub LBMP Loss Stlmt – Sink (\$) + Day RT Trading Hub LBMP Loss Stlmt – Src (\$)
786	R/T Trading Hub Cong \$	NUMBER(16,2)	\$\$	Real-time daily congestion component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner	<u>Cust Stlmt – Transactions</u> RT Trading Hub LBMP Energy Settlement/Daily/Stlmt Results	Day RT Trading Hub LBMP Cong Stlmt – Sink (\$) + Day RT Trading Hub LBMP Cong Stlmt – Src (\$)



NYISO Customer Statements Data Dictionary to DSS Data Objects Mapping

Effective: June 17, 2015

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From	Primary DSS Universe DSS Class	DSS Object Name
787	R/T Trading Hub LBMP \$	NUMBER(16,2)	\$\$	Real-time daily total Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner	<u>Cust Stlmt – Transactions</u> RT Trading Hub LBMP Energy Settlement/Daily/Stlmt Results	Day RT Trading Hub Total LBMP Stlmt – Sink (\$) + Day RT Trading Hub Total LBMP Stlmt – Src (\$)