Customer Statements Data Dictionary

Version 29.0

Effective June 17, 2015

FILE ONE: HOURLY DATA

I. Power Supplier Data – Hourly

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From
100	Organization name	VARCHAR2(50)	ID	Name of the Organization	
200	Gen name	VARCHAR2(50)	ID	Name for the Generator	
201	Gen PTID	NUMBER(5)	ID	NYISO assigned point identifier	
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date	
102	Start hour	NUMBER(2)	Hour	Start Hour	
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
203	Day Ahead Hrly LBMP $	NUMBER(15,2)	$$	LBMP price at this generator bus	
204	Day Ahead forward Energy $	NUMBER(15,2)	$$	Generator total DAM LBMP value	+ = Due Generator
205	Day Ahead BPCG $	NUMBER(15,2)	$$	Generator bid production cost	+ = Due Generator
206	Day Ahead Startup $	NUMBER(15,2)	$$	Start up payment	+ = Due Generator
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
208	Hrly Integrated R/T Bus LBMP $	NUMBER(15,2)	$$	Time and load weighted hourly Real-Time LBMP price at this generator bus	
209	Hrly Balancing Energy $	NUMBER(15,2)	$$	Generator total balancing LBMP value	+ = Due Generator
210	R/T BPCG $	NUMBER(15,2)	$$	Bid production cost value for energy scheduled and delivered in the real time market not covered in the day ahead market	+ = Due Generator
211	R/T Startup $	NUMBER(15,2)	$$	Start up cost value for start ups scheduled in the hour ahead or supplemental markets	+ = Due Generator
212	Monthly Voltage Service $ (constant)	NUMBER(15,2)	$$	Monthly generator voltage service rate for units providing FERC Form 1 data this value is the unit fixed yearly rate. For all others this value is the NYISO calculated voltage service rate.	
213	% Time Unit or Synch Cond I/S (hour)	NUMBER (5,2)	##		
214	Voltage Support $	NUMBER(15,2)	$$	Voltage payment based on in service time and fixed rate or fixed payment schedule for units under contract to supply installed capacity	+ = Due Generator
215	Hrly VSS LOC $	NUMBER(15,2)	$$	Lost opportunity cost value for units directed to hold a MW output to support voltage	+ = Due Generator

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	
217	Hrly Day Ahead Reg Avail	NUMBER(17,4)	MWh	SCUC Scheduled Regulation Capacity	
218	Hrly Day Ahead Reg MC $	NUMBER(15,2)	$$	DAM Regulation market clearing price	
219	Hrly Suppl Reg Avail	NUMBER(17,4)	MWh	SRE/BME Scheduled Regulation Capacity	
220	Integrated Hrly Suppl MC $	NUMBER(15,2)	$$	Regulation supplemental market clearing price	
221	Reg Replacement cost $	NUMBER(15,2)	$$	Regulation availability replacement charge	+ = Due ISO
222	Regulation Charge $	NUMBER(15,2)	$$	Regulation charge for causing regulation	+ = Due ISO
223	Hrly 30 Min MCP $	NUMBER(15,2)	$$	30Min Reserve market clearing price	
224	Hrly 30 Min Res MWhr	NUMBER(17,4)	MWh	30Min Reserve accepted MWs	
225	Hrly Suppl 30 Min MCP $	NUMBER(15,2)	$$	30Min reserve supplemental market clearing price	
226	Hrly Suppl 30 Min Res MWhr	NUMBER(17,4)	MWh	30Min reserve accepted supplemental availability MWs	
227	Hrly 30 Min Res Avail $	NUMBER(15,2)	$$	Total 30Min reserve payment	+ = Due Generator
228	Hrly Synch Res MCP $	NUMBER(15,2)	$$	10Min Synchronous reserve market clearing price	
229	Hrly Synch Res MWhr	NUMBER(17,4)	MWh	10Min Synchronous reserve accepted MWs	
230	Hrly Suppl Synch Res MCP $	NUMBER(15,2)	$$	10Min synchronous reserve supplemental market clearing price	
231	Hrly Suppl Synch Res MWhr	NUMBER(17,4)	MWh	10Min synchronous reserve supplemental accepted availability MWs	
232	Hrly Synch Res Avail $	NUMBER(15,2)	$$	Total 10Min synchronous reserve payment	+ = Due Generator
233	Hrly 10 Min Non Synch MCP $	NUMBER(15,2)	$$	10Min Non-Synchronous reserve market clearing price	
234	Hrly 10 Min Non Synch Res MWhr	NUMBER(17,4)	MWh	10Min Non-Synchronous Reserve accepted MWs	
235	Hrly Suppl 10 Min Non Synch MCP $	NUMBER(15,2)	$$	10Min non-synchronous reserve supplemental market clearing price	
236	Hrly Suppl 10 Min Non Synch MWhr	NUMBER(17,4)	MWh	10Min non-synchronous reserve supplemental accepted availability MWs	
237	Hrly 10 Min Non Synch Res Avail $	NUMBER(15,2)	$$	Total 10Min non-synchronous reserve payment	+ = Due Generator
238	Hrly LRR DAM Contract Balancing Payment $	NUMBER(15,2)	$$	LRR payment to make units whole for being dispatched below their day-ahead schedule out-of-merit	+ = Due Generator
239	Hrly DAM Contract Balancing Payment $	NUMBER(15,2)	$$	Payment to make units whole for being dispatched below their day-ahead schedule out-of-merit	+ = Due Generator
240	Hrly Synch Res LOC $	NUMBER(15,2)	$$	Spinning reserve lost opportunity payment	+ = Due Generator
241	Hrly 30 Min Res Reduction MWhr	NUMBER(15,2)	MWh		
242	Synch Res Reduction MWhr	NUMBER(15,2)	MWh		
243	Hrly 10 Min Non Synch Res Reduction MWhr	NUMBER(15,2)	MWh		
244	Reserve Penalty $	NUMBER(15,2)	$$	Requested reserve shortfall charge	+ = Due ISO
245	Avg Supply Ratio	NUMBER(17,4)	##	Reserve supply Performance ratio	
246	Hrly 10 Min Non Synch Res LOC $	NUMBER(15,2)	$$	10Min non-synchronous reserve lost opportunity cost payment	+ = Due Generator
5200	Out of Merit Flag	VARCHAR2(1)	ID	Y/N Out of Merit indication	

5210	Local Reliability Flag	VARCHAR2(1)	ID	Y/N indication if unit out of merit for local reliability	
5220	Out of Merit Flag Memo	VARCHAR2(200)	ID	Reason for unit placed out of merit	
5230	Eligible MinGen Flag	VARCHAR2(1)	ID	Eligible for MinGen payment Y/N flag	
5240	In Service Flag	VARCHAR2(1)	ID	Y/N indication if unit is in service for the hour	
5250					
5260	Regulating unit flag	VARCHAR2(1)	ID	Y/N indication of regulating units	
5270	Dispatch Seconds	NUMBER(6)	##	Number of seconds during the hour the unit was on dispatch.	
5280	Number of Reserve Pickup Intervals	NUMBER(1)	##	Number of reserve pick-ups during the hour	
247	Hrly 15-Minute Reserve MWhr	NUMBER(17,4)	MWh	Hourly 15-minute reserve availability MW	
248	Hrly 15-Minute Reserve Availability $	NUMBER(15,2)	$$	Hourly 15-minute reserve availability contract payment	+ = Due Generator
249	Hrly Schedule 1 Charge $	NUMBER(15,2)	$$	Hourly charge for Schedule 1 cost allocation	– = Due NYISO
250	Hrly Bal Mkt Reg Avail MWhr	NUMBER(17,4)	MWh	Balancing Market Scheduled Regulation Capacity	
251	Hrly Bal Mkt Reg Avail $	NUMBER(15,2)	$$	Balancing Market Regulation Availability payment	+ = Due Generator
252	Hrly Reg Rev Adj $	NUMBER(15,2)	$$	Regulation Revenue Adjustment payment	+ = Due Generator
253	Hrly Sup Event Credit $	NUMBER(15,2)	$$	Supplemental Event Credit payment	+ = Due Generator
254	Injection MWhr	NUMBER(17,4)	MWh	Injection MWhr	
255	S SC&D MST Inject Rate	NUMBER(15,2)	$/MWh	ISO MST schedule 1 rate on injections	
256	S SC&D MST Inject Charge $	NUMBER(15,2)	$$	ISO MST schedule 1 charge on injections	+ = Due ISO
257	S SC&D OAT Inject Rate	NUMBER(15,2)	$/MWh	ISO OAT schedule 1 rate on injections	
258	S SC&D OAT Inject Charge $	NUMBER(15,2)	$$	ISO OAT schedule 1 charge on injections	+ = Due ISO
259	Misc Exp MST Inject Rate	NUMBER(15,2)	$/MWh	ISO MST miscellaneous expenses rate on injections	
260	Misc Exp MST Inject Charge $	NUMBER(15,2)	$$	ISO MST miscellaneous expenses charge on injections	+ = Due ISO
261	Misc Exp OAT Inject Rate	NUMBER(15,2)	$/MWh	ISO OAT miscellaneous expenses rate on injections	
262	Misc Exp OAT Inject Charge $	NUMBER(15,2)	$$	ISO OAT miscellaneous expenses charge on injections	+ = Due ISO
263	Hr RT Mitigated Startup Cost	NUMBER(15,2)	$$	Total startup cost for a generator, submitted by the generator in a generation bid but mitigated by NYISO.	
264	Hr RT Mitigated Mingen Cost	NUMBER(15,2)	$$	The amount of total net balancing market energy costs and net RT Ancillary Service costs for the given day and generator after NYISO mitigation.	
1007	Local Black Start/Rest Payment $	NUMBER(15,2)	$$	Local Black Start and Restoration Services Payment	+ = Due Generator
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	
266	Hrly RT Reg Movement $	NUMBER(15,2)	$$	Real-Time Market regulation movement settlement for the given Regulation Service provider and hour	+ = Due Generator
267	Hrly Reg Performance Charge $	NUMBER(15,2)	$$	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

II. Transmission Customers Data - LSE LBMP Energy – Hourly

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From
100	Org name	VARCHAR2(50)	ID	Name of the Organization	
400	LSE name	VARCHAR2(50)	ID	Name of Load Serving Entity(for External Transaction this will be NULL)	
401	Load Bus name	VARCHAR2(50)	ID	Name of Load Bus	
101	Start day	Format: MON/DD/YYYY	Date	Start Date	
102	Start hour	NUMBER(2)	Hour	Start Hour	
402	Day Ahead Hrly LBMP MWh	NUMBER(17,4)	MWh	LBMP MWs purchased Day-Ahead, (Load bid MWs)	+ = Purchase from the ISO
403	Day Ahead LBMP $, by zone	NUMBER(15,2)	$$	Zone LBMP price where this load bus is located	
404	Hrly Fwd Energy $	NUMBER(15,2)	$$	Energy component cost	+ = Due ISO
405	Hrly Fwd Loss $	NUMBER(15,2)	$$	Loss component cost	+ = Due ISO
406	Hrly Fwd Cong $	NUMBER(15,2)	$$	Congestion component cost	+ = Due ISO
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 sub-zone load proportional with other LSE's in this sub-zone, net from day ahead schedule and all bilateral transaction MWs	+ = Purchase from the ISO
408	R/T LBMP $, by zone	NUMBER(15,2)	$$	Time weighted and load weighted hourly Zonal LBMP price where this load bus is located	
409	Hrly Balancing Energy $	NUMBER(15,2)	$$	Energy component cost	+ = Due ISO
410	Hrly Balancing Loss $	NUMBER(15,2)	$$	Loss component cost	+ = Due ISO
411	Hrly Balancing Cong $	NUMBER(15,2)	$$	Congestion component cost	+ = Due ISO

III. Transmission Customers Data – Transaction TUC and TSC Charges – Hourly

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From
100	Org name	VARCHAR2(50)	ID	Name of the Organization	
400	LSE name	VARCHAR2(50)	ID	Load Serving Entity Name (Null for External Transactions) for the transaction sink	
500	Trans_ID	NUMBER(32)	ID #	Unique transaction Identifier	
101	Start day	Format: MON/DD/YYYY	Date	Start Date	
102	Start hour	NUMBER(2)	Hour	Start Hour	
501	Day Ahead Scheduled Transactions	NUMBER(17,4)	MWh	Day ahead transaction MWh amount	+ = BilatScheduled
502	Hrly Transaction Day Ahead Loss $	NUMBER(15,2)	$$	Transaction Loss component cost	+ = Due ISO
503	Hrly Transaction Day Ahead Congestion $	NUMBER(15,2)	$$	Transaction Congestion component cost	+ = Due ISO
504	Hrly Day Ahead TUC $	NUMBER(15,2)	$$	DAM Transmission use charge (loss_cost + Cong_cost)	+ = Due ISO
505	R/T Scheduled Transactions	NUMBER(17,4)	MWh	R/T transaction MWhs	Negative = Bilateral Curtailed
506	R/T Balancing Loss $	NUMBER(15,2)	$$	Cost of losses on transaction	+ = Due ISO
507	R/T Balancing Congestion $	NUMBER(15,2)	$$	Cost of congestions on transaction	+ = Due ISO
508	Hrly R/T TUC $	NUMBER(15,2)	$$	R/ T TUC charges (Loss_cost + Cong_cost)	+ = Due ISO
509	Hrly Ext. TSC MWhr	NUMBER(17,4)	MWh	Total Transmission Service Charge MWhs for	

				External Transaction	
510					
521	Hrly Ext. TSC MWhr to Central Hudson	NUMBER(17,4)	MWh	Transmission Service Charge MWhs for External Transaction to Central Hudson	
522	Hrly Ext. TSC MWhr to Con Ed	NUMBER(17,4)	MWh	Transmission Service Charge MWhs for External Transaction to Con Ed	
523	Hrly Ext. TSC MWhr to LIPA	NUMBER(17,4)	MWh	Transmission Service Charge MWhs for External Transaction to LIPA	
524	Hrly Ext. TSC MWhr to NYPA	NUMBER(17,4)	MWh	Transmission Service Charge MWhs for External Transaction to NYPA	
525	Hrly Ext. TSC MWhr to O&R	NUMBER(17,4)	MWh	Transmission Service Charge MWhs for External Transaction to O&R	
526	Hrly Ext. TSC MWhr to NYSEG	NUMBER(17,4)	MWh	Transmission Service Charge MWhs for External Transaction to NYSEG	
527	Hrly Ext. TSC MWhr to NIMO	NUMBER(17,4)	MWh	Transmission Service Charge MWhs for External Transaction to NIMO	
530	Hrly Fin Impact Charge $	NUMBER(15,2)	$$	Financial Impact Charge	+ = Due ISO
1004	Ext Proxy Bus POW PTID	NUMBER(5)	ID	NYISO assigned point identifier for a transaction's point of withdrawal	

IV. Transmission Customers Data – Transaction LBMP Energy Charges – Hourly

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From
100	Org name	VARCHAR2(50)	ID	Name of the Organization	
400	LSE name	VARCHAR2(50)	ID	Name of Load Serving Entity(for External Transaction this will be NULL) for the transaction sink	
500	Trans_ID	NUMBER(32)	ID #	Unique transaction Identifier	
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date	
102	Start hour	NUMBER(2)	Hour	Start Hour	
511	DAM LBMP Market MWhr	NUMBER(17,4)	MWh	Day ahead LBMP MWh amount	+ = Energy Purchased
512	DAM LBMP Market Energy $	NUMBER(15,2)	$$	Day ahead energy component cost	+ = Due ISO
513	DAM LBMP Market Loss $	NUMBER(15,2)	$$	Day ahead loss component cost	+ = Due ISO
514	DAM LBMP Market Cong $	NUMBER(15,2)	$$	Day ahead cong component cost	+ = Due ISO
515	DAM LBMP Market LBMP $	NUMBER(15,2)	$$	Total day ahead LBMP cost	+ = Due ISO
516	R/T LBMP Market MWhr	NUMBER(17,4)	MWh	R/T LBMP MWh amount	+ = Energy Purchased
517	R/T LBMP Market Energy $	NUMBER(15,2)	$$	R/T energy component cost	+ = Due ISO
518	R/T LBMP Market Loss $	NUMBER(15,2)	$$	R/T loss component cost	+ = Due ISO
519	R/T LBMP Market Cong $	NUMBER(15,2)	$$	R/T cong component cost	+ = Due ISO
520	R/T LBMP Market LBMP $	NUMBER(15,2)	$$	Total R/T LBMP cost	+ = Due ISO
528	DAM Bid Cost Guarantee	NUMBER(15,2)	$$	Day ahead bid cost guarantee	+ = Due Transaction Owner

529	R/T Bid Cost Guarantee	NUMBER(15,2)	$$	Real time bid cost guarantee	+ = Due Transaction Owner
531	Hrly Fin Impact Charge $	NUMBER(15,2)	$$	Financial Impact Charge	+ = Due ISO

V. Transmission Customers Data – Ancillary Service Charges – Hourly

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From
100	Org name	VARCHAR2(50)	ID	Name of the Organization	
400	LSE name	VARCHAR2(50)	ID	Name of Load Serving Entity(for External Transaction this will be NULL)	
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date	
102	Start hour	NUMBER(2)	Hour	Start Hour	
600	Hourly Ancillary Service Billing MWhr	NUMBER(17,4)	MWh		
601	Hourly External Export Transactions MWhr	NUMBER(17,4)	MWh		
602	Hourly External Wheel Thru Transactions MWhr	NUMBER(17,4)	MWh		
603	NTAC Rate for current month	NUMBER(15,2)	$$	NYPA transmission access rate	
604	NTAC Charge $	NUMBER(15,2)	$$	NTAC charge	+ = Due ISO
605	Voltage Support Rate, $/MWh	NUMBER(15,2)	$$	Voltage Support rate	
606	Hrly VSS Charge$	NUMBER(15,2)	$$	hourly voltage support charge	+ = Due ISO
607	S,SC&D MST Rate for current month	NUMBER(15,2)	$/MWh	ISO MST uplift rate	
608	S,SC&D MST Charge $	NUMBER(15,2)	$$	ISO MST uplift charge	+ = Due ISO
609	Emergency Demand Reduction $	NUMBER(16,2)	$$	Hourly charge for EDRP	+ = Due ISO
610	Hrly Reserve Chg $	NUMBER(15,2)	$$	Total hourly operating reserve charge	+ = Due ISO
611	Residual Adjustment $	NUMBER(15,2)	$$	Hourly OATT Sch 1 residual adjustment	+ = Due ISO
612	Hrly R&FR Charge $	NUMBER(15,2)	$$	Total hourly regulation charge	+ = Due ISO
613	Black Start Charge $	NUMBER(15,2)	$$	Total hourly black start charge	
614	S,SC&D OAT Rate for current month	NUMBER(15,2)	$/MWh	ISO OAT uplift rate	
615	S,SC&D OAT Charge $	NUMBER(15,2)	$$	ISO OAT uplift charge	+ = Due ISO
616	LRR Operating Reserve Charge $	NUMBER(15,2)	$$	Hourly Local Reliability Operating Reserves charge	+ = Due ISO
617	LRR Black Start Charge $	NUMBER(15,2)	$$	Hourly Local Reliability Black Start charge	+ = Due ISO
618	Hrly Reg Rev Adj $	NUMBER(15,2)	$$	Regulation Revenue Adjustment	+ = Due ISO
619	Hrly Sup Event Charge $	NUMBER(15,2)	$$	Supplemental Event Charge	+ = Due ISO
620	Hrly Fin Impact Credit $	NUMBER(15,2)	$$	Financial Impact Credit	+ = Due Transmission Customer
621	Hrly Ext LBMP Export Transactions MWhr	NUMBER(17,4)	MWh	Scheduled LBMP Export Transactions MWhr	
622	Hrly Ext Import Transactions MWhr	NUMBER(17,4)	MWh	Schedule Import Transactions MWhr (LBMP and point-to-point transactions)	
255	S SC&D MST Inject Rate	NUMBER(15,2)	$/MWh	ISO MST schedule 1 rate on injections	
623	S SC&D MST Inject Charge $	NUMBER(15,2)	$$	ISO MST schedule 1 charge on injections	+ = Due ISO
257	S SC&D OAT Inject Rate	NUMBER(15,2)	$/MWh	ISO OAT schedule 1 rate on injections	
624	S SC&D OAT Inject Charge $	NUMBER(15,2)	$$	ISO OAT schedule 1 charge on injections	+ = Due ISO
259	Misc Exp MST Inject Rate	NUMBER(15,2)	$/MWh	ISO MST miscellaneous expenses rate on injections	
625	Misc Exp MST Inject Charge $	NUMBER(15,2)	$$	ISO MST miscellaneous expenses charge on injections	+ = Due ISO

626	Misc Exp MST WD Rate	NUMBER(15,2)	$/MWh	ISO MST miscellaneous expenses rate on withdrawals	
627	Misc Exp MST WD Charge $	NUMBER(15,2)	$$	ISO MST miscellaneous expenses charge on withdrawals	+ = Due ISO
261	Misc Exp OAT Inject Rate	NUMBER(15,2)	$/MWh	ISO OAT miscellaneous expenses rate on injections	
628	Misc Exp OAT Inject Charge $	NUMBER(15,2)	$$	ISO OAT miscellaneous expenses charge on injections	+ = Due ISO
629	Misc Exp OAT WD Rate	NUMBER(15,2)	$/MWh	ISO OAT miscellaneous expenses rate on withdrawals	
630	Misc Exp OAT WD Charge $	NUMBER(15,2)	$$	ISO OAT miscellaneous expenses charge on withdrawals	+ = Due ISO
631	ISONE Schedule	NUMBER(17,4)	MWh	Scheduled transactions withdrawn at the New England proxy bus	
632	ISONE NTAC Rate	NUMBER(15,2)	$/MWh	NTAC Rate at the New England proxy bus	
633	HQ Schedule	NUMBER(17,4)	MWh	Scheduled transactions withdrawn at the Hydro Quebec proxy bus	
634	HQ NTAC Rate	NUMBER(15,2)	$/MWh	NTAC Rate at the Hydro Quebec proxy bus	
635	OH Schedule	NUMBER(17,4)	MWh	Scheduled transactions withdrawn at the Ontario Hydro proxy bus	
636	OH NTAC Rate	NUMBER(15,2)	$/MWh	NTAC Rate at the Ontario Hydro proxy bus	
637	PJM Schedule	NUMBER(17,4)	MWh	Scheduled transactions withdrawn at the PJM proxy bus	
638	PJM NTAC Rate	NUMBER(15,2)	$/MWh	NTAC Rate at the PJM proxy bus	
639	Ramapo Par Charge $	NUMBER(15,2)	$$	Ramapo Phase Angle Regulator Charge	+ = Due ISO
640	Station 80 Charge $	NUMBER(15,2)	$$	Station 80 Capacitor Bank Charge	+ = Due ISO
641	Local Black Start/Rest Charge $	NUMBER(15,2)	$$	Local Black Start and Restoration Services Charge	+ = Due ISO
642	EDRP/SCR Demand Response Charge $ (Local)	NUMBER(19,6)	$$	The TOs Local EDRP / SCR Charge	+ = Due ISO
643	EDRP/SCR Demand Response Charge $ (NYISO-wide)	NUMBER(19,6)	$$	The TOs NYCA EDRP / SCR Charge	+ = Due ISO

VI. Transmission Congestion Contract Holders Data – Hourly

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From
100	Org name	VARCHAR2(50)	ID	Organization Name	
900	TCC Contract ID	NUMBER (13,0)	ID#	Transmission Congestion Contract ID	
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date	
102	Start hour	NUMBER(2)	Hour	Start Hour	
901	TCC credit	NUMBER(16,2)	$$	Transmission Congestion Contract payment value	+ = Due TCC holder

VII. Demand Reduction Programs – Hourly

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From
100	Org name	VARCHAR2(80)	ID	Transmission Owner Name	
2000	Demand Reduction Provider Name	VARCHAR2(80)	ID	Unique transaction Identifier	
2001	Demand Reduction Provider PTID	NUMBER	ID #		

101	Start_day	Format: MON/DD/YYYY	Date	Start Date	
102	Start_hour	NUMBER(2)	Hour	Start Hour	
2002	DAM Demand Reduction Schedule MWhr	NUMBER(18,4)	MWh	Reduction scheduled	
2003	DAM Demand Reduction Actual MWhr	NUMBER(18,4)	MWh	Reduction achieved	
203	DAM LBMP (Generator)	NUMBER(16,2)	$$	DAM LBMP price at pseudo-generator bus	
403	DAM LBMP (Zonal)	NUMBER(16,2)	$$	DAM Zonal LBMP price for LSE	
2004	R/T LBMP (Generator – Time Weighted But Not Load Weighted)	NUMBER(16,2)	$$	R/T LBMP price at pseudo-generator bus	
408	R/T LBMP (Zonal)	NUMBER(16,2)	$$	R/T Zonal LBMP price for LSE bus	
2005	Demand Response Incentive $	NUMBER(16,2)	$$	Hourly program incentive payment	
2006	Demand Response Reduction $	NUMBER(16,2)	$$	Hourly payment for reduction	
2007	Demand Response Penalty $	NUMBER(16,2)	$$	Penalty charge for non-performance	
2008	Demand Reduction Load Balancing $	NUMBER(16,2)	$$	Balancing charge for LSE load reduction	
2009	Load Reduction Bid Guarantee $	NUMBER(16,2)	$$	Bid cost guarantee	
2030	Schedule 1 MWhr	NUMBER(18,4)	MWh	Hourly DADRP Schedule1 Injection MWh	
255	S SC&D MST Inject Rate	NUMBER(16,2)	$$	ISO MST schedule 1 rate on injections	
2031	S SC&D MST Inject Charge $	NUMBER(16,2)	$$	ISO MST schedule 1 charge on Demand Response injections	+ = Due ISO
257	S SC&D OAT Inject Rate	NUMBER(16,2)	$$	ISO OAT schedule 1 rate on injections	
2032	S SC&D OAT Inject Charge $	NUMBER(16,2)	$$	ISO OAT schedule 1 charge on Demand Response injections	+ = Due ISO
259	Misc Exp MST Inject Rate	NUMBER(16,2)	$$	ISO MST miscellaneous expenses rate on injections	
2033	Misc Exp MST Inject Charge $	NUMBER(16,2)	$$	ISO MST miscellaneous expenses charge on Demand Response injections	+ = Due ISO
261	Misc Exp OAT Inject Rate	NUMBER(16,2)	$$	ISO OAT miscellaneous expenses rate on injections	
2034	Misc Exp OAT Inject Charge $	NUMBER(16,2)	$$	ISO OAT miscellaneous expenses charge on Demand Response injections	+ = Due ISO
2020	EDRP Demand Response Reduction MWHr	NUMBER(15,2)	MWh	EDRP Demand response reduction MWh	
2021	EDRP Demand Response Credit $	NUMBER(15,2)	$$	EDRP Demand response reduction Expense	+ = Due Customer
2022	SCR Demand Response Reduction MWHr	NUMBER(15,2)	MWh	SCR Demand response reduction MWh	
2023	SCR Demand Response Credit $	NUMBER(15,2)	$$	SCR Demand response reduction Expense	+ = Due Customer

VIII. Virtual Bidding – Hourly

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From
100	Org name	VARCHAR2(50)	ID	Name of the Organization	
400	LSE name	VARCHAR2(50)	ID	Name of Load Serving Entity	
3000	Virtual Bus name	VARCHAR2(50)	ID	Name of Virtual Load or Supply Bus	
3001	Virtual Bus PTID	NUMBER(5)	ID	NYISO assigned point identifier	
101	Start day	Format: MON/DD/YYYY	Date	Start Date	
102	Start hour	NUMBER(2)	Hour	Start Hour	
412	Hourly DAM Virtual Load MWh	NUMBER(18,4)	MWh	Virtual load bid scheduled day-ahead	"+" = MWh purchased
413	Hourly DAM Virtual Load $	NUMBER(16,2)	$$	Day-head Virtual Load settlement	"+" = Due ISO
414	Hourly DAM Virtual Supply MWh	NUMBER(18,4)	MWh	Virtual supply bid scheduled day-ahead	"+" = MWh Sold

415	Hourly DAM Virtual Supply $	NUMBER(16,2)	$$	Day-head Virtual Supply settlement	"+" = Due customer
416	Hourly Balancing Virtual Load $	NUMBER(16,2)	$$	Balancing Virtual Load settlement	"–" = Due customer
417	Hourly Balancing Virtual Supply $	NUMBER(16,2)	$$	Balancing Virtual Supply settlement	"–" = Due NYISO

IX. Transmission Owner Data [only in TO advisory statements] – Hourly

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From
1000	TP_name	VARCHAR2(50)	ID	Transmission Owner Name	
100	TSC Org name	VARCHAR2(50)	ID	Transmission Customer of record for transaction imwhr	
400	LSE name	VARCHAR2(50)	ID	Name of Load Serving Entity(for External Transaction this will be NULL) for the sink	
500	Trans_ID	NUMBER(32)	ID #	Unique transaction Identifier	
101	Start_day	Format: MON/DD/YYYY	Date	Start Date	
102	Start_hour	NUMBER(2)	Hour	Start Hour	
1002	Ext_tsc_imwhr	NUMBER(18,4)	MWh	MWh of export transactions	
1004	Ext Proxy Bus POW PTID	NUMBER(5)	ID	NYISO assigned point identifier for a transaction's point of withdrawal	

X. Transmission Owner Data – NYPA NTAC [only in NYPA's advisory statements] – Hourly

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From
100	Org name	VARCHAR2(50)	ID	Organization Name	
1000	TP_name	VARCHAR2(50)	ID	Transmission Owner Name	
101	Start_day	DATE Format: MON/DD/YYYY	Date	Start Date	
102	Start_hour	NUMBER(2)	Hour	Start Hour	
1003	NTAC_Credit	NUMBER(16,2)	$$	NTAC credit (applies only to NYPA)	+ = Due TO

XI. TO Data- Grandfathered Transaction Exempt from TSC [TO advisory statements] No Current Data – Hourly

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From
1000	TP_name	VARCHAR2(50)	ID	Transmission Owner Name	
500	Trans_ID	NUMBER(32)	ID #	Unique transaction Identifier	
101	Start_day	DATE Format: MON/DD/YYYY	Date	Start Date	
102	Start_hour	NUMBER(2)	Hour	Start Hour	
1050	Transaction User Ref	VARCHAR2(16)	ID		
1051	PTID OF POI	NUMBER	ID	NYISO assigned point identifier of transaction point of injection	

1052	PTID OF POW	NUMBER	ID	NYISO assigned point identifier of transaction point of withdrawal	
1053	Exempt MWh	NUMBER(18,4)	MWh	MWh amount of transaction exempt from TSC	

XII. Transmission Owner Data – Service Payments [only in TO advisory statements] – Hourly

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From
1000	TP name	VARCHAR2(50)	ID	Transmission Owner Name	
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date	
102	Start hour	NUMBER(2)	Hour	Start Hour	
1005	Ramapo Par Credit $	NUMBER(15,2)	$$	Ramapo Phase Angle Regulator Payment	+ = Due TO
1006	Station 80 Credit $	NUMBER(15,2)	$$	Station 80 Capacitor Bank Payment	+ = Due TO

XIII. Transmission Customers Data -Trading Hub LBMP Transactions – Hourly

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From
100	Org name	VARCHAR2(50)	ID	Name of the Organization	
500	Trans ID	NUMBER(32)	ID #	Unique transaction identifier	
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date	
102	Start hour	NUMBER(2)	Hour	Start Hour	
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
541	DAM Hrly Trading Hub Energy $	NUMBER(15,2)	$$	Day-ahead hourly energy component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner
542	DAM Hrly Trading Hub Loss $	NUMBER(15,2)	$$	Day-ahead hourly loss component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner
543	DAM Hrly Trading Hub Cong $	NUMBER(15,2))	$$	Day-ahead hourly congestion component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner
544	DAM Hrly Trading Hub LBMP $	NUMBER(15,2)	$$	Day-ahead hourly total Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner
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
546	R/T Hrly Trading Hub Energy $	NUMBER(15,2)	$$	Real-time hourly energy component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner
547	R/T Hrly Trading Hub Loss $	NUMBER(15,2)	$$	Real-time hourly loss component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner
548	R/T Hrly Trading Hub Cong $	NUMBER(15,2)	$$	Real-time hourly congestion component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner
549	R/T Hrly Trading Hub LBMP $	NUMBER(15,2)	$$	Real-time hourly total Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner

FILE TWO: DAILY DATA: DD-MON-YYYY

I. Power Suppliers Data – Daily

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From
100	Org name	VARCHAR2(50)	ID	Name of the Organization	
200	Gen name	VARCHAR2(50)	ID	Name for the Generator	
201	Gen PTID	NUMBER(5)	ID	NYISO assigned Generator identifier	
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date	
300	Day Ahead LBMP MWh	NUMBER(18,4)	MWh	Daily total day ahead LBMP MWh	+ = Sale to the ISO
301	Day Ahead forward Energy $	NUMBER(15,2)	$	Daily total day ahead LBMP values	+ = Due Generator
302	Day Ahead BPCG $	NUMBER(16,2)	$$	Daily dam minimum generation / start up payments	+ = Due Generator
303	Integrated R/T Balancing MWh	NUMBER(18,4)	MWh	Daily total time weighted balancing MWhs	+ = Sale to the ISO
304	Balancing Energy $	NUMBER(16,2)	$$	Daily balancing energy payment or charge	+ = Due Generator
305	R/T BPCG $	NUMBER(16,2)	$$	Daily balancing minimum generation / start up payments	+ = Due Generator
306	Voltage Support $	NUMBER(16,2)	$$	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
307	VSS LOC $	NUMBER(16,2)	$$	Daily Lost opportunity cost value for units directed to hold a MW output to support voltage	+ = Due Generator
308	Regulation Payment $	NUMBER(16,2)	$$	Daily Regulation Response Availability Payment	+ = Due Generator
309	Regulation Charge $	NUMBER(16,2)	$$	Daily Regulation &Frequency Response Penalties	+ = Due ISO
310	Operating Reserve Payment $	NUMBER(16,2)	$$	Daily Total Operating Reserve Service Settlement Payment	+ = Due Generator
311	Black Start Daily Revenue Reqmt	NUMBER(16,2)	$$	Daily Black Start Revenue Requirement	+ = Due Generator
312	Black Start Service Payment $	NUMBER(16,2)	$$	Black Start Service Payment	+ = Due Generator
313	DAM Contract Balancing Payment $	NUMBER(16,2)	$$	Payment to make units whole for being dispatched below their day-ahead schedule out-of-merit	c
314	ELR DAM Contract Balancing Payment $	NUMBER(16,2)	$$	Payment to make units whole for being dispatched below their day-ahead schedule out-of-merit as ELR.	+ = Due Generator
315	Daily Schedule 1 Charge $	NUMBER(15,2)	$$	Daily charge for Schedule 1 cost allocation	- = Due NYISO
316	Regulation Rev Adj $	NUMBER(15,2)	$$	Daily Regulation Revenue Adjustment	+ = Due Generator
317	Sup Event Credit $	NUMBER(15,2)	$$	Daily Supplemental Event Credit	+ = Due Generator
318	Injection MWhr	NUMBER(17,4)	MWh	Injection MWhr	
319	S SC&D MST Inject Rate	NUMBER(15,2)	$/MWh	ISO MST schedule 1 rate on injections	
320	S SC&D MST Inject Charge $	NUMBER(15,2)	$$	ISO MST schedule 1 charge on injections	+ = Due ISO
321	S SC&D OAT Inject Rate	NUMBER(15,2)	$/MWh	ISO OAT schedule 1 rate on injections	
322	S SC&D OAT Inject Charge $	NUMBER(15,2)	$$	ISO OAT schedule 1 charge on injections	+ = Due ISO
323	Misc Exp MST Inject Rate	NUMBER(15,2)	$/MWh	ISO MST miscellaneous expenses rate on injections	

324	Misc Exp MST Inject Charge $	NUMBER(15,2)	$$	ISO MST miscellaneous expenses charge on injections	+ = Due ISO
325	Misc Exp OAT Inject Rate	NUMBER(15,2)	$/MWh	ISO OAT miscellaneous expenses rate on injections	
326	Misc Exp OAT Inject Charge $	NUMBER(15,2)	$$	ISO OAT miscellaneous expenses charge on injections	+ = Due ISO
327	Day RT BPCG Mitg Charge $	NUMBER(15,2)	$$	Difference between the original “as settled” and the mitigated RT BPCG	+ = Due ISO
1017	Local Black Start/Rest Payment $	NUMBER(15,2)	$$	Daily Local Black Start and Restoration Services Payment	+ = Due Generator
328	Margin Restoration (MOB) Payment $	NUMBER(15,2)	$$	Daily Margin Restoration (Min Oil Burn) Payment	+ = Due Generator
329	Regulation Movement $	NUMBER(15,2)	$$	Real-Time Market regulation movement settlement for the given Regulation Service provider and day	+ = Due Generator
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

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
100	Org name	VARCHAR2(50)	ID	Name of the Organization	
400	LSE name	VARCHAR2(50)	ID	Name of Load Serving Entity	
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date	
700	Day Ahead LBMP MWh	NUMBER(18,4)	MWh	Daily LBMP MWs purchased Day-Ahead (Load bid MWs)	+ = Purchase from the ISO
701	Fwd Energy $	NUMBER(16,2)	$$	Daily Energy component cost	+ = Due ISO
702	Fwd Loss $	NUMBER(16,2)	$$	Daily Loss component cost	+ = Due ISO
703	Fwd Cong $	NUMBER(16,2)	$$	Daily Congestion component cost	+ = Due ISO
704	LSE Integrated R/T Balancing MWh by zone	NUMBER(18,4)	MWh	Daily Time weighted load estimate based on LSE forecast, adjusted for NYISO measured sub-zone load proportional with other LSE’s in this sub-zone, net from day ahead schedule and all bilateral transaction MWs	+ = Purchase from the ISO
705	Balancing Energy $	NUMBER(16,2)	$$	Daily Energy component cost	+ = Due ISO
706	Balancing Loss $	NUMBER(16,2)	$$	Daily Loss component cost	+ = Due ISO
707	Balancing Cong $	NUMBER(16,2)	$$	Daily Congestion component cost	+ = Due ISO
750	Day Ahead Scheduled Transactions	NUMBER(18,4)	MWh	Daily Total of all day ahead transactions MWh amount	
751	Transaction Day Ahead Loss $	NUMBER(16,2)	$$	Daily Total of all transactions Loss component cost	+ = Due ISO
752	Transaction Day Ahead Congestion $	NUMBER(16,2)	$$	Daily Total of all transactions Congestion component cost	+ = Due ISO
753	Day Ahead TUC $	NUMBER(16,2)	$$	Daily Total transmission use charge (loss_cost + Cong_cost)	+ = Due ISO
754	R/T Scheduled Transactions	NUMBER(18,4)	MWh	Daily Total of all R/T transaction MWhs	

755	R/T Balancing Loss $	NUMBER(16,2)	$$	Daily Total cost of losses on transactions	+ = Due ISO
756	R/T Balancing Congestion $	NUMBER(16,2)	$$	Daily Total cost of congestions on transactions	+ = Due ISO
757	R/T TUC $	NUMBER(16,2)	$$	Daily Total TUC charges (Loss_cost + Cong_cost)	+ = Due ISO
776	Fin Impact Charge $	NUMBER(16,2)	$$	Daily Financial Impact Charge	+ = Due ISO

III. Transmission Customers Data – Transaction LBMP Energy – Daily

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From
100	Org name	VARCHAR2(50)	ID	Name of the Organization	
400	LSE name	VARCHAR2(50)	ID	Name of Load Serving Entity(for External Transaction this will be NULL) for the transaction sink	
101	Start Day	DATE Format: MON/DD/YYYY	Date	Start Date	
758	DAM LBMP Market MWhr	NUMBER(18,4)	MWh	Day ahead LBMP MWh amount	+ = Purchase from the ISO
759	DAM LBMP Market Energy $	NUMBER(16,2)	$$	Day ahead energy component cost	+ = Due ISO
760	DAM LBMP Market Loss $	NUMBER(16,2)	$$	Day ahead loss component cost	+ = Due ISO
761	DAM LBMP Market Cong $	NUMBER(16,2)	$$	Day ahead cong component cost	+ = Due ISO
762	DAM LBMP Market LBMP $	NUMBER(16,2)	$$	Total day ahead LBMP cost	+ = Due ISO
763	R/T LBMP Market MWhr	NUMBER(18,4)	MWh	R/T LBMP MWh amount	+ = Purchase from the ISO
764	R/T LBMP Market Energy $	NUMBER(16,2)	$$	R/T energy component cost	+ = Due ISO
765	R/T LBMP Market Loss $	NUMBER(16,2)	$$	R/T loss component cost	+ = Due ISO
766	R/T LBMP Market Cong $	NUMBER(16,2)	$$	R/T cong component cost	+ = Due ISO
767	R/T LBMP Market LBMP $	NUMBER(16,2)	$$	Total R/T LBMP cost	+ = Due ISO
768	DAM Bid Cost Guarantee	NUMBER(16,2)	$$	Day ahead bid cost guarantee	+ = Due Transaction Owner
769	R/T Bid Cost Guarantee	NUMBER(16,2)	$$	Real time bid cost guarantee	+ = Due Transaction Owner
777	Fin Impact Charge $	NUMBER(16,2)	$$	Daily Financial Impact Charge	+ = Due ISO

IV. Transmission Customers Data – Ancillary Service Charges – Daily

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From
100	Org name	VARCHAR2(50)	ID	Name of the Organization	
400	LSE name	VARCHAR2(50)	ID	Name of Load Serving Entity(for External Transaction this will be NULL)	
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date	

800	Ancillary Service Billing MWhr	NUMBER(18,4)	MWh	Daily billing MWhr	
801	External Export Transactions MWhr	NUMBER(18,4)	MWh	Daily External Export Transactions MWhr	
802	Hourly External Wheel Thru Transactions MWhr	NUMBER(18,4)	MWh	Daily Hourly External Wheel Thru Transactions MWhr	
803	NTAC Charge $	NUMBER(16,2)	$$	Daily NTAC charge	+ = Due ISO
804	VSS Charge$	NUMBER(16,2)	$$	Daily voltage support charge	+ = Due ISO
805	S,SC&D MST Charge $	NUMBER(16,2)	$$	Daily ISO MST uplift charge	+ = Due ISO
806	Reserve Chg $	NUMBER(16,2)	$$	Daily Total operating reserve charge	+ = Due ISO
807	R&FR Charge $	NUMBER(16,2)	$$	Daily Total regulation charge	+ = Due ISO
808	Black Start Charge $	NUMBER(16,2)	$$	Daily Total black start charge	+ = Due ISO
809	S,SC&D OAT Charge $	NUMBER(16,2)	$$	Daily ISO OAT uplift charge	+ = Due ISO
810	LRR MinGen Charge$	NUMBER(16,2)	$$	Daily Local Reliability Uplift charge	+ = Due ISO
811	LRR Black Start Charge $	NUMBER(16,2)	$$	Daily Local Reliability Black Start Charge	+ = Due ISO
812	NYISO-wide Uplift Charge $	NUMBER(16,2)	$$	Daily NYISO-wide Uplift charge from BPCG	+ = Due ISO
813	Residual Adjustment $	NUMBER(16,2)	$$	Daily NYISO-wide Uplift charge from settlement residuals	+ = Due ISO
814	Demand Program Uplift $	NUMBER(16,2)	$$	DAM Price Responsive Load Program Uplift charge	+ = Due ISO
815	Incremental Uplift $	NUMBER(16,2)	$$	Incremental uplift due to under forecasting and bidding	+ = Due ISO
816	Emergency Demand Reduction $	NUMBER(16,2)	$$	Daily charge for EDRP	+ = Due ISO
817	Regulation Rev Adj $	NUMBER(16,2)	$$	Daily Regulation Revenue Adjustment	+ = Due ISO
818	Sup Event Charge $	NUMBER(16,2)	$$	Daily Supplemental Event Charge	+ = Due ISO
819	Fin Impact Credit $	NUMBER(16,2)	$$	Daily Financial Impact Credit	+ = Due Transmission Customer
824	External LBMP Export Transactions MWhr	NUMBER(17,4)	MWh	Scheduled LBMP Export Transactions MWhr	
825	External Import Transactions MWhr	NUMBER(17,4)	MWh	Schedule Import Transactions MWhr (LBMP and point-to-point transactions)	
826	S SC&D MST WD Rate	NUMBER(15,2)	$/MWh	ISO MST schedule 1 rate on withdrawals	
827	S SC&D OAT WD Rate	NUMBER(15,2)	$/MWh	ISO OAT schedule 1 rate on withdrawals	
319	S SC&D MST Inject Rate	NUMBER(15,2)	$/MWh	ISO MST schedule 1 rate on injections	
828	S SC&D MST Inject Charge $	NUMBER(15,2)	$$	ISO MST schedule 1 charge on injections	+ = Due ISO
321	S SC&D OAT Inject Rate	NUMBER(15,2)	$/MWh	ISO OAT schedule 1 rate on injections	
829	S SC&D OAT Inject Charge $	NUMBER(15,2)	$$	ISO OAT schedule 1 charge on injections	+ = Due ISO
323	Misc Exp MST Inject Rate	NUMBER(15,2)	$/MWh	ISO MST miscellaneous expenses rate on injections	
830	Misc Exp MST Inject Charge $	NUMBER(15,2)	$$	ISO MST miscellaneous expenses charge on injections	+ = Due ISO
831	Misc Exp MST WD Rate	NUMBER(15,2)	$/MWh	ISO MST miscellaneous expenses rate on withdrawals	
832	Misc Exp MST WD Charge $	NUMBER(15,2)	$$	ISO MST miscellaneous expenses charge on withdrawals	+ = Due ISO
325	Misc Exp OAT Inject Rate	NUMBER(15,2)	$/MWh	ISO OAT miscellaneous expenses rate on injections	
833	Misc Exp OAT Inject Charge $	NUMBER(15,2)	$$	ISO OAT miscellaneous expenses charge on injections	+ = Due ISO
834	Misc Exp OAT WD Rate	NUMBER(15,2)	$/MWh	ISO OAT miscellaneous expenses rate on withdrawals	
835	Misc Exp OAT WD Charge $	NUMBER(15,2)	$$	ISO OAT miscellaneous expenses charge on withdrawals	+ = Due ISO
836	Ramapo PAR Charge $	NUMBER(15,2)	$$	Daily Ramapo Phase Angle Regulator Charge	+ = Due ISO

837	Station 80 Charge $	NUMBER(15,2)	$$	Daily Station 80 Capacitor Bank Charge	+ = Due ISO
838	Local Black Start/Rest Charge $	NUMBER(15,2)	$$	Daily Local Black Start and Restoration Services Charge	+ = Due ISO
839	Margin Restoration (MOB) Charge $	NUMBER(15,2)	$$	Daily Margin Restoration (Min Oil Burn) Charge	+ = Due ISO
840	EDRP/SCR Demand Response Charge $ (Local)	NUMBER(15,2)	$$	Local allocation of EDRP and SCR program charges	+ = Due ISO
841	EDRP/SCR Demand Response Charge $ (NYISO-wide)	NUMBER(15,2)	$$	NYISO Wide allocation of EDRP and SCR program charges	+ = Due ISO
4004	Regulated Transmission Projects Charge $	NUMBER(15,2)	$$	Transmission project charge	+ = Due ISO

V. Transmission Congestion Contract Holders Data – Daily

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From
100	Org name	VARCHAR2(50)	ID	Organization Name	
900	TCC Contract ID	NUMBER (13,0)	#ID	Transmission Congestion Contract ID	
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date	
903	TCC credit	NUMBER(16,2)	$$	Daily Transmission Congestion Contract payment value	+ = Due TCC Holder

VI. Transmission Owners NTAC and DAM Congestion Balancing [only in TO advisory statements] – Daily

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From
100	Org name	VARCHAR2(50)	ID	Organization Name	
1000	TP_name	VARCHAR2(50)	ID	Transmission Owner Name	
101	Start_day	DATE Format: MON/DD/YYYY	Date	Start Date	
1012	NTAC_Credit	NUMBER(16,2)	$$	NTAC credit (applies only to NYPA)	+ = Due TO
1013	IMWM Coefficient	NUMBER(18,4)	#	MW-mile coefficient	
1014	Excess cong credit $	NUMBER(16,2)	$$	DAM congestion balancing	+ = Due TO
4006	Regulated Transmission Projects Credit $	NUMBER(16,2)	$$	Transmission project credit	+ = Due TO

VII. Demand Reduction Programs – Daily

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From
100	Org name	VARCHAR2(80)	ID	Transmission Owner Name	
2000	Demand Reduction Provider Name	VARCHAR2(80)	ID	Unique transaction Identifier	
2001	Demand Reduction Provider PTID	NUMBER	ID #		
101	Start_day	DATE Format:	Date	Start Date	

		MON/DD/YYYY			
2010	Demand Reduction MWhr	NUMBER(18,4)	MWh	Reduction settled	
2011	Demand Response Incentive $	NUMBER(16,2)	$$	Daily program incentive payment	
2012	Demand Response Reduction $	NUMBER(16,2)	$$	Daily payment for reduction	
2013	Demand Response Penalty $	NUMBER(16,2)	$$	Penalty charge for non-performance	
2014	Demand Reduction Load Balancing $	NUMBER(16,2)	$$	Balancing charge for LSE load reduction	
2015	Load Reduction Bid Guarantee $	NUMBER(16,2)	$$	Bid cost guarantee	
2035	Sched 1 MWhr	NUMBER(18,4)	MWh	Hourly DADRP Schedule1 Injection MWh	
319	S SC&D MST Inject Rate	NUMBER(16,2)	$$	ISO MST schedule 1 rate on injections	
2036	S SC&D MST Inject Charge $	NUMBER(16,2)	$$	ISO MST schedule 1 charge on Demand Response injections	+ = Due ISO
321	S SC&D OAT Inject Rate	NUMBER(16,2)	$$	ISO OAT schedule 1 rate on injections	
2037	S SC&D OAT Inject Charge $	NUMBER(16,2)	$$	ISO OAT schedule 1 charge on Demand Response injections	+ = Due ISO
323	Misc Exp MST Inject Rate	NUMBER(16,2)	$$	ISO MST miscellaneous expenses rate on injections	
2038	Misc Exp MST Inject Charge $	NUMBER(16,2)	$$	ISO MST miscellaneous expenses charge on Demand Response injections	+ = Due ISO
325	Misc Exp OAT Inject Rate	NUMBER(16,2)	$$	ISO OAT miscellaneous expenses rate on injections	
2039	Misc Exp OAT Inject Charge $	NUMBER(16,2)	$$	ISO OAT miscellaneous expenses charge on Demand Response injections	+ = Due ISO
2025	EDRP Demand Response Reduction MWHr	NUMBER(19,6)	MWh	Is a number representing the total amount of EDRP Demand Response reduction for the given day.	
2026	EDRP Demand Response Credit $	NUMBER(19,6)	$$	Is a number representing the total EDRP Demand Response settlement for the given day.	+ = Due Customer
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.	
2028	SCR Demand Response Credit $	NUMBER(19,6)	$$	Is a number representing the total amount of SCR Demand Response reduction for the given day.	+ = Due Customer
2029	SCR Demand Response Bid Cost Guarantee $	NUMBER(19,6)	$$	Is a number representing the total amount of SCR BPCG settlement for the given day.	+ = Due Customer

VIII. Virtual Bidding – Daily

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From
100	Org name	VARCHAR2(50)	ID	Name of the Organization	
400	LSE name	VARCHAR2(50)	ID	Name of Load Serving Entity	
3000	Virtual Bus name	VARCHAR2(50)	ID	Name of Virtual Load or Supply Bus	
3001	Virtual Bus PTID	NUMBER(5)	ID	NYISO assigned point identifier	
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date	
770	Daily DAM Virtual Load MWh	NUMBER(18,4)	MWh	Virtual load bid scheduled day-ahead	"+" = MWh purchased
771	Daily DAM Virtual Load $	NUMBER(16,2)	$$	Day-head Virtual Load settlement	"+" = Due ISO
772	Daily DAM Virtual Supply MWh	NUMBER(18,4)	MWh	Virtual supply bid scheduled day-ahead	"+" = MWh Sold
773	Daily DAM Virtual Supply $	NUMBER(16,2)	$$	Day-head Virtual Supply settlement	"+" = Due customer

774	Daily Balancing Virtual Load $	NUMBER(16,2)	$$	Balancing Virtual Load settlement	"–" = Due customer
775	Daily Balancing Virtual Supply $	NUMBER(16,2)	$$	Balancing Virtual Supply settlement	"–" = Due NYISO

IX. Transmission Owner Data – Service Payment [only in TO advisory statements] – Daily

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From
1000	TP name	VARCHAR2(50)	ID	Transmission Owner Name	
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date	
1015	Ramapo Par Credit $	NUMBER(15,2)	$$	Ramapo Phase Angle Regulator Payment	+ = Due TO
1016	Station 80 Credit $	NUMBER(15,2)	$$	Station 80 Capacitor Bank Payment	+ = Due TO

X. Transmission Customers Data -Trading Hub LBMP Transactions – Daily

Code	Column Header	Data Type	Element Type	Description	Payment Made To/From
100	Org name	VARCHAR2(50)	ID	Name of the Organization	
101	Start day	DATE Format: MON/DD/YYYY	Date	Start Date	
780	DAM Trading Hub Energy $	NUMBER(16,2)	$$	Day-ahead daily energy component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner
781	DAM Trading Hub Loss $	NUMBER(16,2)	$$	Day-ahead daily loss component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner
782	DAM Trading Hub Cong $	NUMBER(16,2)	$$	Day-ahead daily congestion component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner
783	DAM Trading Hub LBMP $	NUMBER(16,2)	$$	Day-ahead daily total Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner
784	R/T Trading Hub Energy $	NUMBER(16,2)	$$	Real-time daily energy component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner
785	R/T Trading Hub Loss $	NUMBER(16,2)	$$	Real-time daily loss component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner
786	R/T Trading Hub Cong $	NUMBER(16,2)	$$	Real-time daily congestion component of Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner
787	R/T Trading Hub LBMP $	NUMBER(16,2)	$$	Real-time daily total Trading Hub LBMP energy settlement	+ = Due Trading Hub Energy Owner

The comma separated format will look like this:

File One: HOURLY DATA

Line 1: POWER SUPPLIERS
Line 2: Codes
Line 3: Text string of charges
Line 4: raw data for power suppliers
Line X: raw data for power suppliers
LineX+1: LSE LBMP ENERGY
LineX+2: Codes
LineX+3: Text string of charges
LineX+4: raw data for LSE LBMP energy
LineX: raw data for LSE LBMP energy
LineX+1: TRANSACTIONS
LineX+2: Codes
LineX+3 Text string of charges
LineX+4: raw data for transactions
LineX: raw data for transactions
LineX+1: TRANSACTIONS LBMP ENERGY
LineX+2: Codes
LineX+3 Text string of charges
LineX+4: raw data for transactions
LineX: raw data for transactions
LineX+1: ANCILLARY SERVICES
LineX+2: Codes
LineX+3: Text string of charges
LineX+4: raw data for ancillary charges
LineX: raw data for ancillary charges
LineX+1: TCC
LineX+2: Codes
LineX+3: Text string of charges
LineX+4: raw data for TCC
LineX: raw data for TCC
LineX+1: DEMAND RESPONSE PROGRAMS
LineX+2: Codes
LineX+3: Text string of charges
LineX+4: raw data for demand reduction providers
LineX: raw data for demand reduction providers

LineX+1: VIRTUAL BIDDING PROGRAM
LineX+2: Codes
LineX+3: Text string of charges
LineX+4: raw data for virtual bidders
LineX: raw data for virtual bidders
LineX+1: TRANSMISSION PROVIDERS – EXT TSC
LineX+2: Codes
LineX+3: Text string of charges
LineX+4: raw data for transmission providers
LineX: raw data for transmission providers
LineX+1: NYPA - NTAC
LineX+2: Codes
LineX+3: Text string of charges
LineX+4: raw data for transmission owners
LineX: raw data for transmission owners
LineX+1: TRANSMISSION PROVIDERS – Exempt TSC MWs
LineX+2: Codes
LineX+3: Text string of charges
LineX+4: raw data for transmission providers
LineX: raw data for transmission providers
LineX+1: TRANSMISSION PROVIDERS – Service Payments
LineX+2: Codes
LineX+3: Text string of charges
LineX+4: raw data for transmission providers
LineX: raw data for transmission providers
LineX+1: TRADING HUB LBMP TRANSACTIONS
LineX+2: Codes
LineX+3: Text string of charges
LineX+4: raw data for trading hub energy owners
LineX: raw data for trading hub energy owners

File Two: Daily DATA

Line 1: POWER SUPPLIERS DATE - AS OF: date
Line 2: Codes
Line 3: Text string of charges
Line 4: raw data for power suppliers
Line X: raw data for power suppliers

LineX+1: LSE LBMP ENERGY AND TRANSACTIONS DATE - AS OF: date
LineX+2: Codes
LineX+3: Text string of charges
LineX+4: raw data for LSE LBMP energy and transactions
LineX: raw data for LSE LBMP energy and transactions
LineX+1: LSE TRANSACTIONS LBMP ENERGY DATE - AS OF: date
LineX+2: Codes
LineX+3: Text string of charges
LineX+4: raw data for LSE LBMP energy and transactions
LineX: raw data for LSE LBMP energy and transactions
LineX+1: ANCILLARY SERVICES DATE - AS OF: date
LineX+2: Codes
LineX+3: Text string of charges
LineX+4: raw data for ancillary charges
LineX: raw data for ancillary charges
LineX+1: TCC DATE - AS OF: date
LineX+2: Codes
LineX+3: Text string of charges
LineX+4: raw data for TCC
LineX: raw data for TCC
LineX+1: TRANSMISSION PROVIDERS DATE - NTAC and Cong Credit - AS OF: date
LineX+2: Codes
LineX+3: Text string of charges
LineX+4: raw data for transmission providers
LineX: raw data for transmission providers
LineX+1: DEMAND RESPONSE PROGRAMS DATE – AS OF: date
LineX+2: Codes
LineX+3: Text string of charges
LineX+4: raw data for demand reduction providers
LineX: raw data for demand reduction providers
LineX+1: VIRTUAL BIDDING PROGRAMS DATE – AS OF: date
LineX+2: Codes
LineX+3: Text string of charges
LineX+4: raw data for virtual bidders
LineX: raw data for virtual bidders
LineX+1: TRANSMISSION PROVIDERS – SERVICE PAYMENTS DATE – AS OF: date
LineX+2: Codes
LineX+3: Text string of charges
LineX+4: raw data for transmission providers
LineX: raw data for transmission providers
LineX+1: TRADING HUB LBMP TRANSACTIONS DATE – AS OF:
LineX+2: Codes

LineX+3: Text string of charges
LineX+4: raw data for trading hub energy owners
LineX: raw data for trading hub energy owners