FILE ONE: Hourly Data: MM-DD-YYYY Hour Vxx

I.　　　　**Power Supplier Data**

POWER SUPPLIERS	Generator Information header

Code	Parameter	Data Type	Element Type	Description	Payment Made To/From	Added For
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)	$$	Supplemental Event Credit payment	+ = Due Generator	
254	Injection MWhr	NUMBER(17,4)	MWh	Injection MWhr		RS1
255	S SC&D MST Inject Rate	NUMBER(15,2)	$/MWh	ISO MST schedule 1 rate on injections		RS1
256	S SC&D MST Inject Charge $	NUMBER(15,2)	$$	ISO MST schedule 1 charge on injections	+ = Due ISO	RS1
257	S SC&D OAT Inject Rate	NUMBER(15,2)	$/MWh	ISO OAT schedule 1 rate on injections		RS1
258	S SC&D OAT Inject Charge $	NUMBER(15,2)	$$	ISO OAT schedule 1 charge on injections	+ = Due ISO	RS1

Code	Parameter	Data Type	Element Type	Description	Payment Made To/From	
259	Misc Exp MST Inject Rate	NUMBER(15,2)	$/MWh	ISO MST miscellaneous expenses rate on injections		RS1
260	Misc Exp MST Inject Charge $	NUMBER(15,2)	$$	ISO MST miscellaneous expenses charge on injections	+ = Due ISO	RS1
261	Misc Exp OAT Inject Rate	NUMBER(15,2)	$/MWh	ISO OAT miscellaneous expenses rate on injections		RS1
262	Misc Exp OAT Inject Charge $	NUMBER(15,2)	$$	ISO OAT miscellaneous expenses charge on injections	+ = Due ISO	RS1

End of row 1 (hour starting 0) of generator, to be followed by hour starting 1-23, followed by next generator for this organization, and continuing to generator (n).

II.   Transmission Customers Data - LSE LBMP Energy

LSE LBMP ENERGY	Header for LSE LBMP Information

Code	Parameter	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	DATE 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

End of row 1 (hour starting 0) for Organization / LSE 1/Zone 1 energy data, to be followed by hour starting 1-23, followed by next LSE for this organization, and continuing to LSE (n)/Zone(n)

III.   Transmission Customers Data   - Transaction TUC and TSC Charges

TRANSACTIONS	Header for Transaction Information

Code	Parameter	Data Type	Element Type	Description	Payment Made To/From	Added For
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		

Code	Parameter	Data Type	Element Type	Description	Payment Made To/From	
101	Start day	DATE 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	+ = Bilateral Scheduled	
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		TSC

End of row 1 (hour starting 0) for Organization / LSE 1 transaction data, to be followed by hour starting 1-23, followed by next LSE for this organization, and continuing to LSE (n)

IV.   Transmission Customers Data   - Transaction LBMP Energy Charges

TRANSACTIONS LBMP ENERGY	Header for Transaction Information

Code	Parameter	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

Code	Parameter	Data Type	Element Type	Description	Payment Made To/From
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

End of row 1 (hour starting 0) for Organization / transaction1 data, to be followed by hour starting 1-23, followed by next Transaction for this organization, and continuing to Transaction(n)

V. Transmission Customers Data   - Ancillary Service Charges

ANCILLARY SERVICES	Header for Ancillary Services Information

Code	Parameter	Data Type	Element Type	Description	Payment Made To/From	Added For
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)	$$	Financial Impact Credit	+ = Due Transmission Customer	
621	Hrly Ext LBMP Export Transactions MWhr	NUMBER(17,4)	MWh	Scheduled LBMP Export Transactions MWhr		RS1
622	Hrly Ext Import Transactions MWhr	NUMBER(17,4)	MWh	Schedule Import Transactions MWhr (LBMP and point-to-point transactions)		RS1
255	S SC&D MST Inject Rate	NUMBER(15,2)	$/MWh	ISO MST schedule 1 rate on injections		RS1
623	S SC&D MST Inject Charge $	NUMBER(15,2)	$$	ISO MST schedule 1 charge on injections	+ = Due ISO	RS1
257	S SC&D OAT Inject Rate	NUMBER(15,2)	$/MWh	ISO OAT schedule 1 rate on injections		RS1
624	S SC&D OAT Inject Charge $	NUMBER(15,2)	$$	ISO OAT schedule 1 charge on injections	+ = Due ISO	RS1
259	Misc Exp MST Inject Rate	NUMBER(15,2)	$/MWh	ISO MST miscellaneous expenses rate on injections		RS1
625	Misc Exp MST Inject Charge $	NUMBER(15,2)	$$	ISO MST miscellaneous expenses charge on injections	+ = Due ISO	RS1
626	Misc Exp MST WD Rate	NUMBER(15,2)	$/MWh	ISO MST miscellaneous expenses rate on withdrawals		RS1
627	Misc Exp MST WD Charge $	NUMBER(15,2)	$$	ISO MST miscellaneous expenses charge on withdrawals	+ = Due ISO	RS1
261	Misc Exp OAT Inject Rate	NUMBER(15,2)	$/MWh	ISO OAT miscellaneous expenses rate on injections		RS1
628	Misc Exp OAT Inject Charge $	NUMBER(15,2)	$$	ISO OAT miscellaneous expenses charge on injections	+ = Due ISO	RS1
629	Misc Exp OAT WD Rate	NUMBER(15,2)	$/MWh	ISO OAT miscellaneous expenses rate on withdrawals		RS1
630	Misc Exp OAT WD Charge $	NUMBER(15,2)	$$	ISO OAT miscellaneous expenses charge on withdrawals	+ = Due ISO	RS1
631	ISONE Schedule	NUMBER(17,4)	MWh	Scheduled transactions withdrawn at the New England proxy bus		NTAC
632	ISONE NTAC Rate	NUMBER(15,2)	$/MWh	NTAC Rate at the New England proxy bus		NTAC
633	HQ Schedule	NUMBER(17,4)	MWh	Scheduled transactions withdrawn at the Hydro Quebec proxy bus		NTAC
634	HQ NTAC Rate	NUMBER(15,2)	$/MWh	NTAC Rate at the Hydro Quebec proxy bus		NTAC
635	OH Schedule	NUMBER(17,4)	MWh	Scheduled transactions withdrawn at the Ontario Hydro proxy bus		NTAC
636	OH NTAC Rate	NUMBER(15,2)	$/MWh	NTAC Rate at the Ontario Hydro proxy bus		NTAC
637	PJM Schedule	NUMBER(17,4)	MWh	Scheduled transactions withdrawn at the PJM proxy bus		NTAC
638	PJM NTAC Rate	NUMBER(15,2)	$/MWh	NTAC Rate at the PJM proxy bus		NTAC

End of row 1 (hour starting 0) for Organization / LSE 1 ancillary data, to be followed by hour starting 1-23, followed by next LSE for this organization, and continuing to LSE (n)

VI. Transmission Congestion Contract Holders Data

TCC	Header for TCC Information

Code	Parameter	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	

Code	Parameter	Data Type	Element Type	Description	Payment Made To/From
901	TCC credit	NUMBER(16,2)	$$	Transmission Congestion Contract payment value	+ = Due TCC holder

End of row 1 (hour starting 0) for Organization / TCC 1 data, to be followed by hour starting 1-23, followed by next TCC for this organization and continuing to TCC (n)

VII. Demand Reduction Programs

Demand Reduction Programs	Header for Transmission Owners Information

Code	Parameter	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: 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

VIII.   Virtual Bidding

VIRTUAL BIDDING PROGRAMS DATE - AS OF:	

Code	Parameter	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	
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 [appears only in Transmission Owner advisory statements]

TRANSMISSION OWNERS - EXT TSC	**Header for Transmission Owners Information**

Code	*Parameter*	*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	DATE 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	

End of row 1(hour starting 0) for Organization / TP 1 data, to be followed by hour starting 1-23, followed by next TP for this organization and continuing to TP(n)

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

NYPA – NTAC	**Header for Transmission Owners Information**

Code	*Parameter*	*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. Transmission Owner Data- Grandfathered Transaction Exempt from TSC [appears only in Transmission Owner advisory statements] NOT CURRENTLY POPULATED WITH DATA

TRANSMISSION OWNERS -Exempt TSC MWs	**Header for Transmission Owners Information**

Code	Parameter	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	

End of row 1 (hour starting 0) for Transmission Provider / transaction1 data, to be followed by hour starting 1-23, followed by next Transaction for this Transmission Provider and continuing to Transaction (n).

End of row 1 (hour starting 0) for Organization / LSE 1/Zone 1 energy data, to be followed by hour starting 1-23, followed by next LSE for this organization, and continuing to LSE (n)/Zone(n)

FILE TWO: **Daily Data: DD-MON-YYYY**

I.   Power Suppliers Data

POWER SUPPLIERS DATE – AS OF: date	Generator Information header

Code	Parameter	Data Type	Element Type	Description	Payment Made To/From	Added For
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	+ = Due	

					Payment	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)	$$		Daily Supplemental Event Credit	+ = Due Generator	
318	Injection MWhr	NUMBER(17,4)	MWh		Injection MWhr		RS1
319	S SC&D MST Inject Rate	NUMBER(15,2)	$/MWh		ISO MST schedule 1 rate on injections		RS1
320	S SC&D MST Inject Charge $	NUMBER(15,2)	$$		ISO MST schedule 1 charge on injections	+ = Due ISO	RS1
321	S SC&D OAT Inject Rate	NUMBER(15,2)	$/MWh		ISO OAT schedule 1 rate on injections		RS1
322	S SC&D OAT Inject Charge $	NUMBER(15,2)	$$		ISO OAT schedule 1 charge on injections	+ = Due ISO	RS1
323	Misc Exp MST Inject Rate	NUMBER(15,2)	$/MWh		ISO MST miscellaneous expenses rate on injections		RS1
324	Misc Exp MST Inject Charge $	NUMBER(15,2)	$$		ISO MST miscellaneous expenses charge on injections	+ = Due ISO	RS1
325	Misc Exp OAT Inject Rate	NUMBER(15,2)	$/MWh		ISO OAT miscellaneous expenses rate on injections		RS1
326	Misc Exp OAT Inject Charge $	NUMBER(15,2)	$$		ISO OAT miscellaneous expenses charge on injections	+ = Due ISO	RS1

End of row 1 of Generator data to be followed by next Generator for this organization, and continuing to Generator (n)

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

LSE LBMP ENERGY AND TRANSACTIONS DAILY - AS OF: date	LSE Information header

Code	Parameter	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

Code	Parameter	Data Type	Element Type	Description	Payment Made To/From
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

End of row 1 for Organization / LSE 1 data, to followed by next LSE for this organization and continuing to LSE (n)

III. Transmission Customers Data - Transaction LBMP Energy

TRANSACTIONS LBMP ENERGY DAILY - AS OF: date	Information header

Code	Parameter	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

End of row 1 for Organization / LSE 1 data, to followed by next LSE for this organization and continuing to LSE (n)

IV.   Transmission Customers Data   - Ancillary Service Charges

Code	Parameter	Data Type	Element Type	Description	Payment Made To/From	Added For
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)	$$	Daily Financial Impact Credit	+ = Due Transmission Customer	
824	External LBMP Export Transactions MWhr	NUMBER(17,4)	MWh	Scheduled LBMP Export Transactions MWhr		RS1
825	External Import Transactions MWhr	NUMBER(17,4)	MWh	Schedule Import Transactions MWhr (LBMP and point-to-point transactions)		RS1
826	S SC&D MST WD Rate	NUMBER(15,2)	$/MWh	ISO MST schedule 1 rate on withdrawals		RS1
827	S SC&D OAT WD Rate	NUMBER(15,2)	$/MWh	ISO OAT schedule 1 rate on withdrawals		RS1
319	S SC&D MST Inject Rate	NUMBER(15,2)	$/MWh	ISO MST schedule 1 rate on injections		RS1
828	S SC&D MST Inject Charge $	NUMBER(15,2)	$$	ISO MST schedule 1 charge on injections	+ = Due ISO	RS1
321	S SC&D OAT Inject Rate	NUMBER(15,2)	$/MWh	ISO OAT schedule 1 rate on injections		RS1
829	S SC&D OAT Inject Charge $	NUMBER(15,2)	$$	ISO OAT schedule 1 charge on injections	+ = Due ISO	RS1
323	Misc Exp MST Inject Rate	NUMBER(15,2)	$/MWh	ISO MST miscellaneous expenses rate on injections		RS1
830	Misc Exp MST Inject Charge $	NUMBER(15,2)	$$	ISO MST miscellaneous expenses charge on injections	+ = Due ISO	RS1
831	Misc Exp MST WD Rate	NUMBER(15,2)	$/MWh	ISO MST miscellaneous expenses rate on withdrawals		RS1
832	Misc Exp MST WD Charge $	NUMBER(15,2)	$$	ISO MST miscellaneous expenses charge on withdrawals	+ = Due ISO	RS1
325	Misc Exp OAT Inject Rate	NUMBER(15,2)	$/MWh	ISO OAT miscellaneous expenses rate on injections		RS1

Code	Parameter	Data Type		Description		
833	Misc Exp OAT Inject Charge $	NUMBER(15,2)	$$	ISO OAT miscellaneous expenses charge on injections	+ = Due ISO	RS1
834	Misc Exp OAT WD Rate	NUMBER(15,2)	$/MWh	ISO OAT miscellaneous expenses rate on withdrawals		RS1
835	Misc Exp OAT WD Charge $	NUMBER(15,2)	$$	ISO OAT miscellaneous expenses charge on withdrawals	+ = Due ISO	RS1

End of row 1 for Organization / LSE 1 ancillary data, to be followed by next LSE for this organization and continuing to LSE (n)

V. Transmission Congestion Contract Holders Data

TCC DAILY – AS OF: date	TCC Information header

Code	Parameter	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

End of row 1 for Organization / TCC 1 data, to be followed by next TCC for this organization and continuing to TCC (n)

VI. Transmission Owners NTAC and DAM Congestion Balancing [appears only in Transmission Owners' advisory statements]

TRANSMISSION PROVIDERS DATE - NTAC and Cong Credit - AS OF:	

Code	Parameter	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

VII. Demand Reduction Programs

Demand Reduction Programs	

Code	Parameter	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: MON/DD/YYYY	Date	Start Date	
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

VIII.   Virtual Bidding

VIRTUAL BIDDING PROGRAMS DATE - AS OF:

Code	Parameter	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

FILE Three: **Pre-Bill Data: Feed Number: ##**

Code	Parameter	Data Type	Element Type	Description
5010	ORG_NAME	VARCHAR(50)	ID	Name of the Organization
5020	DEVICE_DESC	VARCHAR(50)	ID	Name for the device (load bus, tie line, loss component or generator)
5030	DEVICE_PTID	NUMBER(6)	ID	NYISO assigned device identifier
5040	DATE	DATE Format: DD-MON-YY	Date	Date in UT
5050	HOUR_BEG	INTEGER	Hour	Hour Beginning in UT
5060	MWH	NUMBER(20,4)	MWh	Hourly reading
5070	SOURCE_ID	NUMBER(6)	ID	NYISO assigned identifier indicating source of data.

5080	SOURCE_DESC	VARCHAR2(50)	ID	Text description of source of data
5090	QUALITY	VARIABLE INTEGER	##	Data quality indicator: 1 = Forecasted (for Load Data) / Estimate (for Tie Line or Gen Data) 2 = Integrated Instantaneous Analog 3 = Integrated Instantaneous Digital 4 = State Estimated 5 = RTU Data 6 = Unadjusted Billing Meter 7 = Manual Entry 8 = Calculated 9 = Adjusted Billing Meter 0 = Cannot be determined
5100	DATE OF LAST UPDATE	DATE Format: DD-MON-YY	Date	Most recent date that MWh for the associated PTID was updated Note: Field will be null until data has been updated by meter authority

The coma 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 fro transaction
LineX+1: TRANSACTIONS LBMP ENERGY
LineX+2: Codes
LineX+3   Text string of charges
LineX+4: raw data for transactions
LineX: raw data fro transaction
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: TRANSMISSION OWNERS – EXT TSC
LineX+2: Codes
LineX+3: Text string of charges
LineX+4: raw data for transmission owners
LineX: raw data for transmission owners
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 OWNERS – EXEMPT GRANDFATHERED TSC

LineX+2: Codes
LineX+3: Text string of charges
LineX+4: raw data for transmission owners
LineX: raw data for transmission owners

File Two: Power Supplier SCD interval base point mw

Line 1:   POWER SUPPLIERS UNIT LOADING
Line 2:   Codes
Line 3:   Text string of codes
Line 4:   raw data for power suppliers
Line X: raw data for power suppliers

File Three: Daily DATA

Line 1:   POWER SUPPLIERS DAILY - 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 DAILY - 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: TRANSACTIONS LBMP ENERGY DAILY - 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 DAILY - 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 DAILY - 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 OWNERS DAILY - NTAC and Cong Credit - AS OF: date
LineX+2: Codes
LineX+3: Text string of charges
LineX+4: raw data for transmission owners
LineX: raw data for transmission owners