APPENDIX 5.3.1A

BASE CASE POWER FLOW RESULTS

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STATION VOLTAGES

BOWLINE1 345 = 355.3	BOWLINE2 345 = 355.3	BUCH S 345 = 351.0
CLAY 345 = 358.4	COOPC345 345 = 355.1	DUNWODIE 345 = 348.9
EDIC 345 = 354.9	FARRAGUT 345 = 357.9	FRASR345 345 = 359.3
GRDNVL2 230 = 228.8	GILB 345 345 = 359.8	GOTHLS N 345 = 362.4*
GOWANUSN 345 = 361.4	LADENTWN 345 = 353.9	LEEDS 3 345 = 358.1
MARCY T1 345 = 355.0	MILLWOOD 345 = 348.5	N.SCOT77 345 = 357.2
N.SCOT99 345 = 357.2	NIAGAR2E 230 = 234.6	NIAGAR2W 230 = 234.6
NIAG 345 345 = 357.2	NRTHPRT1 138 = 143.9	OAKDL345 345 = 355.3
PANNELL3 345 = 354.8	PLTVLLEY 345 = 349.4	RAINEY 345 = 358.8
RAMAPO 345 = 352.9	RAMAPO 5 500 = 526.3	ROCK TAV 345 = 354.0
ROSETON 345 = 355.3	KINTI345 345 = 360.7	SPRBROOK 345 = 348.9
ROCH 345 345 = 354.2	MOSES W 230 = 237.4	WATRC230 230 = 231.5
CHA-NY 765 = 760.1	MARCY765 765 = 781.5	MASS 765 765 = 767.7
FISHKILL 345 = 351.7	HURLEY 3 345 = 355.6	SHORE RD 345 = 347.4
VOLNEY 345 = 361.3	WATRC345 345 = 343.9	DUNKIRK 230 = 239.2
MEYER230 230 = 227.5	OAKDL230 230 = 223.6	ROTRDM.2 230 = 229.0
CHANY2 120 = 125.0	CHANY1 120 = 125.0	ALB3 115 = 119.0
BATH 115 115 = 116.6	BORDR115 115 = 115.9	CLAY 115 = 113.9
DELHI115 115 = 118.3	E.NOR115 115 = 118.1	FALCONER 115 = 115.6
GOUDY115 115 = 112.5	MEYER115 115 = 116.7	MOS 115 115 = 121.0*
NIAG115E 115 = 118.4	NIAG115W 115 = 118.4	N.WAV115 115 = 114.7
OAKDL115 115 = 112.1	PLAT T#3 115 = 118.8	PL.VAL 1 115 = 117.3
PORTER 1 115 = 119.1	ROCK TV1 115 = 117.6	RTRDM1 115 = 115.2
SHENANDO 115 = 116.7	S82-1115 115 = 115.4	

GENERATOR/SVC QUANTITIES

GENERATOR	MW	PMAX	PMIN	MVAR	QMAX	QMIN	VSCHED	VTBUS
GILBOA#117.0	250.0	250.0	0.0	66.8	90.0	-30.0	1.0200	1.0200
GILBOA#217.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0000	0.9942
GILBOA#317.0	250.0	250.0	0.0	67.1	90.0	-30.0	1.0200	1.0200
GILBOA#417.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0000	0.9942
9M PT 1G23.0	626.0	626.0	300.0	100.9	340.0	0.0	1.0500	1.0229
9M PT 2G25.0	1212.0	1212.0	700.0	178.6	360.0	50.0	1.0500	0.9950
OSWGO 5G22.0	281.7	881.0	250.0	128.3	340.0	-240.0	1.0500	1.0002
OSWGO 6G22.0	200.0	881.0	200.0	128.3	330.0	-270.0	1.0500	1.0003
JAFITZ1G24.0	848.8	848.8	230.0	183.8	375.0	-300.0	1.0500	0.9919
SITH-G1 18.0	115.0	170.0	0.0	22.5	126.9	-80.0	1.0500	0.9853
SITH-G2 18.0	115.0	170.0	0.0	22.5	126.9	-80.0	1.0500	0.9853
SITH-G3 18.0	115.0	170.0	0.0	22.5	126.9	-80.0	1.0500	0.9853
SITH-G4 18.0	115.0	170.0	0.0	22.5	126.9	-80.0	1.0500	0.9853
SITH-S5 18.0	160.0	220.6	0.0	22.5	104.7	-75.0	1.0500	0.9809
SITH-S6 18.0	160.0	220.6	0.0	22.5	104.7	-75.0	1.0500	0.9809
ROSE GN124.0	408.9	610.0	150.0	203.7	310.0	-106.0	1.0300	1.0198
ROSE GN224.0	610.0	610.0	150.0	190.0	190.0	-57.0	1.0300	1.0125
BOW1 20.0	592.0	592.0	150.0	174.9	384.0	-100.0	1.0300	1.0315
BOW2 20.0	500.0	592.0	150.0	187.5	380.0	-100.0	1.0300	1.0354
IND PT 222.0	960.0	1078.0	314.0	542.6	550.0	-300.0	1.0400	1.0400
IP#3 GEN22.0	1080.0	1080.0	314.0	225.0	225.0	-100.0	1.0300	0.9827
RAV 3 22.0	971.0	972.0	386.0	343.7	792.4	-265.7	1.0400	0.9983
POLETTI 26.0	756.0	855.0	150.0	299.2	299.2	-104.0	1.0500	1.0786
KINTIG2424.0	443.7	709.0	197.0	122.2	275.0	-100.0	1.0300	1.0300
GINNA 1919.0	190.2	610.1	50.0	94.4	261.4	-139.9	1.0522	1.0357
NIAG. 8 13.8	200.0	215.0	0.0	11.8	69.8	-28.0	1.0200	0.9873
NIAG. 1113.8	200.0	215.0	0.0	11.8	69.8	-28.0	1.0200	0.9861
MOS17-1813.8	18.7	114.0	0.0	6.4	44.0	-36.0	1.0200	1.0200
MOS29-3013.8	114.0	114.0	0.0	16.5	44.0	-36.0	1.0200	1.0200
DUNKGEN313.8	197.0	197.0	50.0	71.4	120.0	0.0	1.0400	0.9780
DUNKGEN413.8	191.0	191.0	50.0	71.4	120.0	0.0	1.0400	0.9783
HNTLY67G13.8	191.4	191.4	50.0	100.0	100.0	0.0	1.0260	0.9900
HNTLY68G13.8	190.6	190.6	50.0	100.0	100.0	0.0	1.0260	0.9905
FRASVC1818.2	0.0	0.0	0.0	7.8	325.0	-300.0	1.0414	1.0455
LEEDS 3 345	0.0	0.0	0.0	1.2	270.0	-300.0	1.0381	1.0381
USTATCOM 345	0.0*	0.0	0.0	-7.5	205.8	-205.8	0.0000	1.0289
CHAT G3 120	0.0	0.0	0.0	-99.1	166.2	-99.1	1.0250	1.0333
CHAT G4 120	0.0	0.0	0.0	-99.1	83.1	-99.1	1.0250	1.0333

GENERATOR COMPLEX REPORT

GEN COMPLEX	ON OFF	MW	SPRES	PMAX	PMIN	MVAR	REMVAR	QMAX	QMIN

AREA-1-FRONTIER	62	8	4712.	480.	5924.	662.	1227.	815.	2338.	-869.
AREA-2-GENESSEE	9	12	483.	437.	1062.	108.	136.	377.	571.	-233.
AREA-3-SYRACUSE	63	3	5138.	1694.	7000.	1971.	1230.	1848.	3105.	-1365.
AREA-4-ADIRONDK	52	2	1121.	103.	1305.	234.	33.	841.	899.	-456.
AREA-5-UTICA	128	9	674.	60.	952.	0.	52.	543.	672.	-587.
AREA-6-CAPITAL	74	16	2033.	719.	4135.	45.	874.	724.	2141.	-1431.
AREA-7-MIDHUDSN	28	10	3040.	300.	3539.	968.	1117.	615.	1850.	-590.
AREA-8-MILLWOOD	5	0	2097.	118.	2215.	628.	803.	7.	811.	-424.
AREA-9-SPR	1	0	3.	0.	3.	0.	0.	0.	0.	0.
AREA-10-NYC_ZON	81	13	7661.	1913.	10205.	2867.	3446.	2993.	7077.	-3847.
AREA-11-L-ISLAN	65	27	3950.	666.	5626.	1005.	731.	953.	1917.	-1618.
AREA-31-PSEG	64	20	7438.	320.	9988.	5560.	1585.	1824.	4568.	-2007.
OSWEGO-GENERATI	11	0	3948.	1622.	5570.	1680.	855.	1607.	2462.	-1230.
NIAGARA-GENERAT	24	1	2700.	180.	3095.	0.	471.	484.	1025.	-539.
ST.LAWRENCE-GEN	18	0	817.	95.	912.	0.	30.	622.	652.	-348.
GILBOA-GENERATI	2	2	500.	0.	1000.	0.	134.	46.	360.	-120.
HUNTLEY-GENERAT	4	4	382.	0.	722.	185.	200.	0.	375.	0.
DUNKIRK-GENERAT	6	0	558.	0.	558.	140.	223.	117.	340.	0.
ROSETON-GENERAT	2	0	1019.	201.	1220.	300.	394.	106.	500.	-163.
BETHLEHEM-GENER	4	0	435.	355.	790.	45.	306.	254.	560.	-290.
ATHENS-GENERATI	4	2	470.	250.	1080.	0.	312.	18.	495.	-495.
COGENTECH-GENER	8	0	570.	75.	645.	0.	-149.	549.	400.	-160.
SCSASTORIA-GENE	3	0	442.	158.	600.	120.	234.	124.	358.	-217.
POLEXPANS-GENER	3	0	494.	144.	638.	0.	350.	4.	354.	-354.
LOVETT-GENERATI	3	0	428.	7.	435.	120.	231.	69.	300.	-110.
DANSKAM-GENERAT	2	0	379.	0.	379.	150.	126.	11.	138.	-48.
HOMER-CITY-GENE	3	0	1884.	0.	1884.	900.	334.	614.	948.	-393.
NORTHFIELD-GENE	3	1	750.	60.	1080.	-1000.	162.	78.	320.	-160.
BRUCE-GENERATIO	6	2	4460.	356.	6272.	0.	1508.	1222.	3380.	-2540.

INTERFACE FLOW REPORT

DESCRIPTION	MW	MVAR	DESCRIPTION	MW	MVAR
DYSINGER-EAST	2053.4	-76.2	DYSINGER-EAST-(C)	2482.0	53.2
WEST-CENTRAL	735.3	-60.0	WEST-CENTRAL-(C)	1163.9	69.3
VOLNEY-EAST	3469.0	-252.7	VOLNEY-EAST-(C)	3429.9	-243.6
MOSES-SOUTH	1500.3	-409.3	MOSES-SOUTH-(C)	1617.8	-414.7
CENTRAL-EAST	2581.3	-562.4	TOTAL-EAST	4506.2	-665.9
UPNY-SENY	4453.4	251.0	UPNY-SENY-(C)	4604.9	108.7
UPNY-CONED	3808.7	-86.3	UPNY-CONED-(C)	5238.5	19.3
MILLWOOD-SOUTH	6584.3	204.2	LIPA-IMPORT	1359.2	-172.8
DUNWOODIE-SOUTH	3723.9	-574.8	DUNWOODIE-SOUTH-(C)	5153.7	-469.2
CONED-CABLE-INT-(C)	3794.6	-296.5	A-B-C-J-K-PAR-IMBAL	205.7	106.3
NIAGARA-TIE	1.9	71.0	CEDARS-IMPORT	0.0	5.5
PJM-NY	337.0	72.0	NE-NY	172.0	5.7
ON-NY	1.5	69.6	ONTARIO-MICHIGAN	-1.7	25.6
CONED-345	1689.0	-499.7	CONED-138	1105.6	24.9
Y49-Y50	1213.4	-60.6	138-POCKET	2063.4	154.9
AST-POCKET	1308.2	198.7	GRNWD-POCKET	876.5	44.0
STAT-POCKET	357.1	-80.2	E13-POCKET	985.9	388.3
W49-POCKET	1454.4	41.0	EVIEW-POCKET	724.4	302.9
DUNSO-POCKET	56.3	48.4	DUNNO-POCKET	68.1	-86.6
ON-MAN-MIN	0.1	-42.8	VOLT-TE#3	4294.1	-375.1
EAST OF HOLBROOK	513.8	-27.1	NEWBRIDGE EAST	91.7	-260.0
AR-3-BULK-XFMRS	1470.4	138.9	AR-4-BULK-XFMRS	-119.4	143.5
AR-5-BULK-XFMRS	1936.4	-34.9	AR-6-BULK-XFMRS	1112.0	76.9
AR-7-BULK-XFMRS	1297.4	423.2	AR-8-BULK-XFMRS	467.3	163.8
AR-3-4-5-6-7-8X	6164.0	911.4	CONED-CABLE-INT	2794.6	-474.8

SHUNT REPORT

SHNTNAME	SHACT (-ind,+cap)	SHTOT	SHNTNAME	SHACT (-ind,+cap)	SHTOT	SHNTNAME	SHACT (-ind,+cap)	SHTOT
MARCY T1 345	423.	400.	OAKDL345 345	0.	135.	N.SCOT77 345	145.	270.
N.SCOT99 345	145.	135.	LEEDS 3 345	291.	270.	EDIC 345	212.	200.
MOS 115 115	75.	68.	PORTER 1 115	61.	57.	MARCY765 765	-209.	-200.
MASS 765 765	-201.	-400.	FRASR345 345	304.	280.	COOPC345 345	297.	280.
ROCK TAV 345	284.	270.	FISHKILL 345	281.	270.	GILB 345 345	0.	135.
ROTRDM.2 230	84.	169.	ROCH 345 345	142.	135.	CLAY 115	49.	50.
MOS 115 115	75.	68.	DUNWODIE 345	0.	-150.	FARRGUT1 345	-64.	-60.
FARRGUT2 345	-64.	-60.	GOTHLS N 345	0.	-150.	GOTHLS S 345	-165.	-150.
GOWANUSN 345	-165.	-150.	GOWANUSS 345	0.	-150.	PL VILLE 345	0.	-20.
PL VILLW 345	0.	-20.	RAINEY 345	0.	-300.	SPRBROOK 345	0.	0.
REACBUS 345	-153.	-300.	EASTVIEW 138	-162.	-160.	E179 ST 138	0.	-150.

GRENWOOD 138 -78. -150. REACM51 345   0. -300. REACM52 345   0. -300.
GOETH 1313.6 -63. -140. SHORE RD 345 -152. -150. HMP HRBR 345 -154. -150.
EGC DUM 345   0.   0.

TRANSFORMER FLOW REPORT

TRANSFORMER	CNTL	MW	MVAR	PF	TAP	TAP RANGE
HURLEY 3 345 -HURLEY 1 115*	1	226.8	6.2	0.9996	0.9877	1.1607/0.9497
ROCK TAV 345 -ROCK TV1 115*	1	153.4	53.7	0.9437*	1.0193	1.1831/0.9647
ROCK TAV 345 -ROCK TV1 115*	1	153.4	53.7	0.9437*	1.0193	1.1831/0.9647
FISHKILL 345 -E FISH I 115*	1	121.8	84.6	0.8211*	0.9647*	1.1830/0.9647
PLTVLLEY 345 -PL.VAL 1 115*	1	76.7	127.2	0.5162*	0.9395	1.1173/0.9141
RAMAPO 5 500 -RAM PAR 345*	1	239.5	80.0	0.9485*	1.0125	1.1000/0.9000
BOWLINE2 345 -BOW138 138*	1	83.7	0.1	1.0000	0.9750	1.0250/0.9000
	0	0.0	0.0	1.0000	0.0000*	0.0000/0.0000
BUCH N 345 -BUCHNTA5 138*	1	97.2	-10.6	0.9941	1.0373	1.1040/0.8670
DUNWODIE 345 -DUN NO 138*	1	274.1	30.3	0.9939	1.0000	1.1041/0.8670
DUNWODIE 345 -DUN SO 138*	1	270.9	63.6	0.9735	0.9926	1.1041/0.8670
E VIEW1 345 -EASTVIEW 138*	1	186.8	104.4	0.8729*	0.9781	1.1041/0.8670
E VIEW2 345 -EASTVIEW 138*	1	179.8	83.1	0.9077*	0.9781	1.1041/0.8670
E VIEW3 345 -EASTVIEW 138*	1	179.3	82.8	0.9078*	0.9781	1.1041/0.8670
E VIEW4 345 -EASTVIEW 138*	1	179.3	82.8	0.9078*	0.9781	1.1041/0.8670
E15ST 45 345 -E13 ST 138*	1	163.8	73.8	0.9118*	0.9923	1.1041/0.8670
E15ST 45 345 -T14MPT 138	1	140.4	63.4	0.9115*	1.0000	1.5000/0.5100
E15ST 46 345 -E13 ST 138*	1	157.6	71.7	0.9103*	0.9923	1.1041/0.8670
E15ST 46 345 -T13MPT 138	1	146.4	65.6	0.9125*	1.0000	1.5000/0.5100
E15ST 47 345 -E13 ST 138*	1	166.5	76.7	0.9083*	0.9923	1.1041/0.8670
E15ST 47 345 -E RIVER 69.0*	1	-105.8	-38.2	-0.9407*	1.0501	1.0870/0.8540
E15ST 48 345 -E13 ST 138*	1	168.8	76.6	0.9106*	0.9923	1.1041/0.8670
E15ST 48 345 -T11MPT 138	1	149.6	67.9	0.9105*	1.0000	1.5000/0.5100
FARRAGUT 345 -F/S38M11 138*	1	92.3	10.9	0.9931	1.0154	1.1040/0.8670
FARRAGUT 345 -F/S38M12 138*	1	92.3	10.5	0.9935	1.0151	1.1040/0.8670
FARRAGUT 345 -F/S38M13 138*	1	23.1	-14.2	0.8516*	1.0308	1.1040/0.8670
FARRAGUT 345 -F/S38M14 138*	1	92.6	10.2	0.9940	1.0151	1.1040/0.8670
FARRAGUT 345 -FGT/BRT1 138*	1	172.9	46.7	0.9654	1.0004	1.1040/0.8670
FARRAGUT 345 -FGT/BRT2 138*	1	173.6	51.4	0.9589	0.9930	1.1040/0.8670
FARRAGUT 345 -FGT/BRT3 138*	1	173.8	51.5	0.9588	0.9930	1.1040/0.8670
FARRAGUT 345 -FGT/BRT4 138*	1	172.7	46.4	0.9657	1.0004	1.1040/0.8670
FARRAGUT 345 -FGT/HAT1 138*	1	79.3	27.4	0.9452*	1.0078	1.1040/0.8670
FARRAGUT 345 -FGT/HAT2 138*	1	81.3	36.0	0.9143*	0.9855	1.1040/0.8670
FARRAGUT 345 -FGT/HAT3 138*	1	49.2	6.2	0.9920	1.0124	1.1040/0.8670
FARRAGUT 345 -FGT/HAT4 138*	1	48.9	5.9	0.9928	1.0123	1.1040/0.8670
FARRAGUT 345 -FGT/HAT5 138*	1	48.9	6.3	0.9918	1.0125	1.1040/0.8670
FARRAGUT 345 -FGT/HAT6 138*	1	81.6	36.0	0.9151*	0.9880	1.1040/0.8670
FARRAGUT 345 -FGT/HAT7 138*	1	81.1	36.0	0.9141*	0.9877	1.1040/0.8670
FARRAGUT 345 -HAE TR1 138*	1	10.8	-33.4	0.3084*	1.0589	1.1041/0.8670
FARRAGUT 345 -HAE TR3 138*	1	10.6	-39.9	0.2559*	1.0663	1.1041/0.8670
FGT-HUD9 345 -F/S38M15 138*	1	84.2	17.0	0.9802	1.0078	1.1041/0.8670
FGT-HUD9 345 -HAE TR2 138*	1	10.9	-24.8	0.4019*	1.0500	1.1041/0.8670
FR KILLS 345 -FRKILLR2 138*	1	215.3	0.8	1.0000	1.0286	1.0884/0.8900
FR KILLS 345 -FRKILLSR 138*	1	215.4	2.9	0.9999	1.0286	1.0884/0.8900
GOTHLS R 345 -GOETH T 230*	1	-200.1	31.0	-0.9882	1.0335	1.0879/0.9540
GOWANUSN 345 -GOWNUS1T 138*	1	150.2	-11.4	0.9971	1.0440	1.1041/0.8670
GOWANUSS 345 -GOWNUS2T 138*	1	150.3	-8.2	0.9985	1.0443	1.1041/0.8670
MILLWOOD 345 -MLWD TA 138*	1	49.3	10.3	0.9789	1.0003	1.1040/0.8670
MILLWOOD 345 -MLWD TA 138*	1	48.1	10.1	0.9787	1.0003	1.1040/0.8670
PL VILLE 345 -PLTVILLE13.6*	1	39.8	-5.0	0.9922	1.0016	1.2186/0.9706
PL VILLW 345 -PLTVILLE13.6*	1	36.6	10.5	0.9613	1.0699	1.2353/0.9706
RAINEY 345 -RAINEY3W 138*	1	144.2	72.3	0.8939*	0.9926	1.1040/0.8670
RAINEY 345 -2E DUM 138*	1	184.0	95.4	0.8878*	0.9856	1.0875/0.8545
RAINEY 345 -7E DUM 138*	1	176.3	92.4	0.8857*	1.0001	1.0875/0.8545
RAINEY 345 -7W DUM 138*	1	178.0	96.1	0.8799*	0.9928	1.0875/0.8545
RAINEY 345 -8E DUM 138*	1	8.8	-6.0	0.8243*	1.0292	1.0875/0.8545
RAINEY 345 -8W DUM 138*	1	31.5	46.5	0.5613*	1.0001	1.0875/0.8545
RAINEY 345 -9E DUM 138*	1	65.1	21.2	0.9510	1.0296	1.1040/0.8670
RAMAPO 345 -RAMP138 138*	1	129.9	42.2	0.9511	1.0000	1.1000/0.9000
RAMAPO 345 -RAMP138 138*	1	129.9	42.2	0.9511	1.0000	1.1000/0.9000
SPRBROOK 345 -DUN NO T 138*	1	243.4	103.0	0.9210*	0.9704	1.1041/0.8670
SPRBROOK 345 -DUN SO T 138*	1	248.7	178.9	0.8117*	0.9481	1.1041/0.8670
TREMONT 345 -PARK TR1 138*	1	199.6	69.0	0.9451*	0.9707	1.1041/0.8670
TREMONT 345 -PARK TR2 138*	1	201.3	60.2	0.9581	0.9781	1.1041/0.8670
W 49 ST 345 -W49 ST 1 138*	1	225.0	131.2	0.8638*	0.9807	1.1040/0.8670
W 49 ST 345 -W49 ST 2 138*	1	189.1	113.7	0.8569*	0.9860	1.1040/0.8670
W 49 ST 345 -W49 ST 3 138*	1	225.3	138.0	0.8527*	0.9786	1.1040/0.8670
W 49 ST 345 -W49 ST 4 138*	1	273.8	181.9	0.8330*	0.9687	1.1040/0.8670
W 49 ST 345 -W49 ST 5 138*	1	274.6	184.5	0.8300*	0.9660	1.1040/0.8670

GOETH T	230	-GOETHALS 230	1	-200.1	-36.2	-0.9841	1.0000	1.5000/0.5100
			0	0.0	0.0	1.0000	0.0000*	0.0000/0.0000
			0	0.0	0.0	1.0000	0.0000*	0.0000/0.0000
			0	0.0	0.0	1.0000	0.0000*	0.0000/0.0000
			0	0.0	0.0	1.0000	0.0000*	0.0000/0.0000
GOETH T	230	-GOETH 1313.6	1	0.1	66.8	0.0018*	1.0000	1.5000/0.5100
			0	0.0	0.0	1.0000	0.0000*	0.0000/0.0000
			0	0.0	0.0	1.0000	0.0000*	0.0000/0.0000
SHORE RD	345	-SHORE RD 138*	1	288.8	22.0	0.9971	0.9915	1.1200/0.8800
SHORE RD	345	-SHORE RD 138*	1	287.8	22.0	0.9971	0.9914	1.1200/0.8800
E.G.C.-1	345	-E.G.C. 138*	1	316.9	13.9	0.9990	0.9988	1.1200/0.8800
E.G.C.-2	345	-E.G.C.-2 138*	1	316.9	14.2	0.9990	0.9989	1.1200/0.8800
COOPC345	345	-COOPC115 115*	1	44.3	-2.4	0.9986	1.0000	1.1500/0.9500
COOPC345	345	-COOPC115 115*	1	44.7	-2.5	0.9984	1.0000	1.1500/0.9500
FRASVC1818.2		-FRASR345 345	1	0.0	7.9	0.0000*	1.0000	1.5000/0.5100
FRASR345	345	-FRASR115 115*	1	26.8	26.1	0.7161*	0.9925	1.1468/0.9474
OAKDL345	345	-OAK2M115 115	1	89.6	-60.3	0.8297*	1.0782	1.1478/0.9391
OAKDL345	345	-OAK3M115 115	1	76.8	-66.1	0.7580*	1.0782	1.1478/0.9391
STOLE345	345	-STOLE115 115*	1	70.4	41.2	0.8630*	1.0192	1.0769/0.9744
STOLE345	345	-STOLE115 115*	1	69.9	40.8	0.8636*	1.0192	1.0769/0.9744
WATRC345	345	-WATRC230 230*	1	98.9	100.3	0.7023*	0.9687	1.1000/0.9000
WOODA345	345	-WOODS115 115*	1	145.0	84.1	0.8650*	0.9250	1.0500/0.8500
WOODB345	345	-WOODS115 115*	1	127.9	78.1	0.8534*	0.9250	1.0500/0.8500
GARDV230	230	-GARDN M734.5	1	76.8	44.5	0.8656*	1.0000	1.0750/0.9250
GARDV230	230	-GARDN M634.5	1	92.1	58.3	0.8451*	1.0000	1.0750/0.9250
HILSD230	230	-HILSD M334.5	1	99.5	-70.0	0.8178*	1.0000	1.5000/0.5100
HILSD230	230	-HILSD M434.5	1	71.5	122.2	0.5052*	1.0000	1.5000/0.5100
MEYER230	230	-MEYER M434.5	1	99.0	-17.2	0.9853	1.0250*	1.0250/0.8750
OAKDL230	230	-OAKDL115 115	1	94.2	44.6	0.9037*	0.9785	1.5000/0.5100
ROBIN230	230	-ROBIN M134.5	1	63.0	12.8	0.9799	1.0187	1.1000/0.9000
DUNKIRK	230	-DUNKIRK1 115*	1	42.7	-11.2	0.9674	1.0270	1.0779/0.9341
DUNKIRK	230	-DUNKIRK1 115*	1	44.7	-12.2	0.9644	1.0272	1.0875/0.9422
DUNKIRK	230	-DUNKGEN313.8	1	-190.0	-43.8	-0.9745	1.0977	1.5000/0.5100
ELM-70	230	-ELMST23.23.0	1	45.8	25.4	0.8747*	1.1000*	1.1000/0.9000
ELM-71	230	-ELMST23.23.0	1	20.7	16.7	0.7777*	1.1000*	1.1000/0.9000
ELM-72	230	-ELMST23.23.0	1	20.6	16.6	0.7774*	1.1000*	1.1000/0.9000
GRDNVL2	230	-GRDNVL1 115*	1	92.9	41.2	0.9141*	0.9641	1.0302/0.8865
GRDNVL2	230	-GRDNVL1 115*	1	57.9	25.7	0.9141*	0.9641	1.0302/0.8865
GRDNVL2	230	-GRDNVL1 115*	1	58.5	25.9	0.9141*	0.9641	1.0302/0.8865
PACKARD2	230	-PACK(N)E 115*	1	24.7	-30.4	0.6310*	1.0182	1.0268/0.8899
PACKARD2	230	-PACK(S)W 115*	1	-42.2	20.2	-0.9021*	0.9840	1.0268/0.8899
SUNY-79	230	-SUNYAB2334.5	1	18.3	6.6	0.9408*	0.9700	1.5000/0.5100
SUNY-80	230	-SUNYAB2334.5	1	18.1	6.5	0.9415*	0.9700	1.5000/0.5100
CLAY	345	-CLAY 115*	1	140.0	0.4	1.0000	1.0500*	1.0540/1.0500
CLAY	345	-CLAY 115*	1	139.8	0.4	1.0000	1.0500*	1.0540/1.0500
DEWITT 3	345	-DEWITT 1 115*	1	211.5	68.4	0.9514	1.0300*	1.0540/1.0300
ELBRIDGE	345	-ELBRIDGE 115*	1	161.7	33.9	0.9787	1.0300*	1.0540/1.0300
OSWEGO	345	-OSW 3&4 115*	1	182.9	50.4	0.9641	1.0002	1.0500/0.8630
SCRIBA	345	-SCRIBA 115	1	3.1	0.0	1.0000	1.0000	1.5000/0.5100
SCRIBA	345	-SCRIBA 115	1	3.1	0.0	1.0000	1.0000	1.5000/0.5100
KB-AD115	115	-ADRON B1 230	1	0.0	0.5	0.0000*	1.0250	1.5000/0.5100
EDIC	345	-PORTER 2 230	1	244.2	124.9	0.8903*	1.0000	1.5000/0.5100
EDIC	345	-PORTER 1 115*	1	144.8	-4.2	0.9996	0.9961	1.0540/0.8630
EDIC	345	-PORTER 1 115*	1	144.8	-4.2	0.9996	0.9961	1.0540/0.8630
PORTER 2	230	-PORTER 1 115*	1	0.7	59.5	0.0118*	0.9425	1.1000/0.9000
PORTER 2	230	-PORTER 1 115*	1	0.7	59.5	0.0118*	0.9425	1.1000/0.9000
N.SCOT77	345	-N.SCOT1 115*	1	168.3	14.7	0.9962	1.0076	1.0543/0.8623
N.SCOT99	345	-N.SCOT1 115*	1	170.7	15.3	0.9960	1.0076	1.0540/0.8620
REYNLD3	345	-REY. RD. 115*	1	209.1	58.1	0.9635	0.9896	1.0540/0.8620
ROTRDM.2	230	-RTRDM1 115*	1	205.5	2.2	0.9999	0.9943	1.0063/0.8145
ROTRDM.2	230	-RTRDM1 115*	1	199.5	4.1	0.9998	0.9940	1.0500/0.8500
ROTRDM.2	230	-RTRDM1 115*	1	159.1	1.4	1.0000	0.9943	1.0063/0.8146
WHAV345	345	-WHAV138 138*	1	107.0	-9.4	0.9961	1.0250*	1.0250/0.9000
SMAHWAH1	345	-SMAH138 138*	1	174.4	175.6	0.7047*	0.9600	1.0200/0.9000
N.M.TAP	345	-SHOEMTAP 138*	1	320.4	156.4	0.8987*	0.9510*	1.2500/0.9510
MARCY765	765	-MARCY T1 345*	1	688.0	-103.2	0.9889	1.0000	1.0606/0.8240
MARCY765	765	-MARCY T1 345*	1	600.0	-80.2	0.9912	1.0000	1.1183/0.8687
MASS 765	765	-MASS230A 230	1	-49.2	24.9	-0.8925*	0.9665	1.5000/0.5100
MASS 765	765	-MASS230B 230	1	-49.2	24.9	-0.8925*	0.9665	1.5000/0.5100
NIAG 345	345*	-NIAGAR2E 230	1	-180.5	36.8	-0.9798	0.9900	1.0500/0.9500
NIAG 345	345*	-NIAGAR2E 230	1	-180.5	36.8	-0.9798	0.9900	1.0500/0.9500
NIAG 345	345*	-NIAGAR2W 230	1	-358.8	73.1	-0.9799	0.9900	1.0400/0.9650
MOSES W	230	-MOS 115 115	1	-23.1	7.2	-0.9543	0.9790	1.5000/0.5100
MOSES W	230	-MOS 115 115	1	-22.8	7.1	-0.9544	0.9790	1.5000/0.5100
MOSES W	230	-MOS 115 115	1	-8.9	2.9	-0.9522	0.9790	1.5000/0.5100
MOSES W	230	-MOS 115 115	1	-22.9	7.2	-0.9545	0.9790	1.5000/0.5100
NIAGAR2W	230	-NIAG115E 115	1	-3.3	-19.4	-0.1679*	1.0000	1.5000/0.5100

NIAGAR2W	230	-NIAG115W	115	1	-89.1	40.0	-0.9123*	1.0283	1.5000/0.5100
PLAT T#1	230	-PLAT 115	115*	1	-3.5	-32.4	-0.1076*	0.9730*	1.1314/0.9730
PLAT T#4	230	-PLAT 115	115*	1	6.5	76.2	0.0846*	1.0607	1.1314/0.9730
WILLIS E	230	-WILL 115	115*	1	26.9	15.4	0.8684*	1.0297	1.1314/0.9730
WILLIS W	230	-WILL 115	115*	1	26.9	15.4	0.8683*	1.0297	1.1314/0.9730
ROCH 345	345	-S80 1TR	115*	1	172.4	50.0	0.9604	0.9875	1.1001/0.9500
ROCH 345	345	-S80 2TR	115*	1	180.5	21.6	0.9929	0.9942	1.0500/0.9500
ROCH 345	345	-S80 3TR	115*	1	178.0	66.3	0.9371*	0.9781	1.1001/0.9500
PANNELL3	345	-PANNELLI	115*	1	151.6	14.2	0.9956	1.0000	1.0750/0.9250
PANNELL3	345	-PANNELLI	115*	1	151.6	14.2	0.9956	1.0000	1.0750/0.9250

TRANSMISSION LINE FLOW REPORT

LINE				RATEA	RATEB	RATEC	MVA	MW	MVAR FROM	MVAR TO	MVAR NET
CHA-NY	765	-MASS 765	765	3975.	3975.	5300.	1241.	1200.	-318.	144.	-174.
MASS 765	765	-MARCY765	765	3975.	3975.	5300.	1355.	1296.	-395.	-25.	-421.
NORHR138	138	-NRTHPT P	138	466.	577.	1577.	112.	100.	-50.	-43.	-94.
HOMER CY	345	-WATRC345	345	755.	927.	0.	447.	442.	62.	39.	101.
BRANCHBG	500	-RAMAPO 5	500	1048.	1373.	0.	244.	240.	-45.	-80.	-125.
STLAWR33	220	-STLAWL33	230	300.	498.	0.	0.	0.	0.	2.	1.
STLAWR34	230	-STLAWL34	230	300.	498.	0.	2.	0.	-2.	2.	0.
OAKDL345	345	-FRASR345	345	1255.	1380.	1380.	703.	701.	-56.	136.	81.
CLAY	345	-EDIC	345	1033.	1285.	1434.	586.	586.	4.	38.	43.
CLAY	345	-EDIC	345	1033.	1285.	1434.	588.	588.	4.	39.	43.
VOLNEY	345	-MARCY T1	345	1434.	1792.	1912.	705.	701.	71.	1.	72.
JA FITZP	345	-EDIC	345	1434.	1434.	1912.	723.	720.	63.	39.	102.
MASS 765	765	-MARCY765	765	3975.	3975.	5300.	1355.	1296.	-395.	-25.	-421.
MOSES W	230	-ADRON B1	230	348.	359.	440.	141.	141.	-6.	5.	-1.
MOSES W	230	-ADRON B2	230	348.	386.	440.	141.	141.	-6.	5.	-1.
EDIC	345	-N.SCOT77	345	1331.	1528.	1724.	901.	901.	24.	229.	253.
PORTER 2	230	-ROTRDM.2	230	440.	505.	560.	253.	253.	-9.	58.	49.
PORTER 2	230	-ROTRDM.2	230	439.	505.	560.	260.	259.	-10.	60.	50.
MARCY T1	345	-N.SCOT99	345	1487.	1792.	1792.	989.	986.	80.	197.	277.
CTNY398	345	-PLTVLLEY	345	1195.	1386.	1685.	316.	-315.	26.	-27.	-1.
** LINE ERROR **				0.	0.	0.	0.	0.	0.	0.	0.
COOPC345	345	-N.M.TAP	345	1464.	1793.	1793.	789.	787.	62.	7.	69.
LEEDS 3	345	-HURLEY 3	345	1395.	1623.	1870.	710.	710.	13.	27.	40.
LEEDS 3	345	-PLTVLLEY	345	1331.	1538.	1724.	1074.	1068.	117.	64.	182.
ATHENS	345	-PLTVLLEY	345	1331.	1538.	1724.	1035.	1029.	115.	56.	170.
SPRBROOK	345	-REACM51	345	774.	866.	1291.	440.	435.	-61.	122.	62.
SPRBROOK	345	-REACM52	345	774.	866.	1291.	440.	435.	-61.	122.	62.
REACM51	345	-W 49 ST	345	774.	866.	1291.	452.	435.	-122.	-224.	-346.
REACM52	345	-W 49 ST	345	774.	866.	1291.	452.	435.	-122.	-224.	-346.
DUNWODIE	345	-REAC71	345	715.	817.	1081.	416.	409.	-73.	128.	55.
DUNWODIE	345	-REAC72	345	715.	817.	1081.	416.	409.	-73.	128.	55.
REAC71	345	-RAINEY	345	715.	817.	1081.	429.	409.	-128.	-150.	-278.
REAC72	345	-RAINEY	345	715.	817.	1081.	429.	409.	-128.	-150.	-278.
** LINE ERROR **				0.	0.	0.	0.	0.	0.	0.	0.
** LINE ERROR **				0.	0.	0.	0.	0.	0.	0.	0.
** LINE ERROR **				0.	0.	0.	0.	0.	0.	0.	0.
** LINE ERROR **				0.	0.	0.	0.	0.	0.	0.	0.
** LINE ERROR **				0.	0.	0.	0.	0.	0.	0.	0.
SPRBROOK	345	-REACBUS	345	1243.	1386.	1530.	704.	639.	-296.	296.	0.
DUNWODIE	345	-SHORE RD	345	687.	962.	1512.	595.	578.	-139.	-196.	-335.

PAR FLOW AND ANGLE REPORT

PAR				MW	MVAR	ANGLE	ANGLE RANGE
LINDEN	230	-LIN SHF	230	199.8	-160.8	-5.0	25.0/-25.0
WALDWICK	230	-FAIRL SH	230	299.9	373.2	-33.4	35.0/-35.0
WALDWICK	230	-HAWTH SH	230	129.9	-52.3	-30.0*	30.0/-30.0
WALDWICK	230	-HILLS SH	230	285.2	-107.6	-32.0*	32.0/-32.0
STLAWR33	220	-STLAWL33	230	0.1	-0.2	11.9	40.0/-40.0
STLAWR34	230	-STLAWL34	230	0.1	-2.2	11.9	40.0/-40.0
FARRAGUT	345	-FARRGUT1	345	-399.3	35.8	33.0*	30.0/-30.0
FARRAGUT	345	-FARRGUT2	345	-399.3	33.2	33.5*	30.0/-30.0
GOTHLS N	345	-GOTHLS R	345	-199.9	41.0	-33.0*	25.0/-25.0
RAM PAR	345	-RAMAPO	345	119.7	37.7	32.8	40.0/-40.0
RAM PAR	345	-RAMAPO	345	119.7	37.7	32.8	40.0/-40.0
CORONA-S	138	-CORONA1R	138	-119.0	15.8	25.0*	25.0/-25.0
DUN NO	138	-DUN NO1R	138	105.1	17.1	-14.8	20.0/-20.0
DUN NO	138	-DUN NO2R	138	105.1	17.5	-14.7	20.0/-20.0
DUN SO	138	-DUN SO1R	138	105.5	9.8	-17.3	25.0/-25.0

DUN SO 138	-DUN SO1R 138	105.5	9.8	-17.3	25.0/-25.0
CORONA-N 138	-CORONA2R 138	-113.3	34.3	25.0*	25.0/-25.0
FRKILLR2 138	-FR-KILLS 138	215.1	-15.2	-0.4	25.0/-25.0
FRKILLSR 138	-FR-KILLS 138	215.1	-13.9	-1.0	25.0/-25.0
GOWNUS1T 138	-GOWNUS1R 138	150.0	-23.3	-0.4	25.0/-25.0
GOWNUS2T 138	-GOWNUS2R 138	150.0	-19.6	0.0	25.0/-25.0
ASTE-PAR 138	-ASTE-WRG 138	-330.1	13.8	12.3	25.0/-25.0
PARK TR1 138	-PARK1REG 138	200.9	47.4	-17.1	25.0/-25.0
PARK TR2 138	-PARK2REG 138	200.9	38.5	-17.3	25.0/-25.0
** LINE ERROR **		0.0	0.0	0.0*	0.0/ 0.0
** LINE ERROR **		0.0	0.0	0.0*	0.0/ 0.0
EGC PAR 345	-E.G.C.-1 345	317.1	32.7	4.1	25.0/-25.0
EGC PAR 345	-E.G.C.-2 345	317.1	33.0	4.2	25.0/-25.0
L SUCSPH 138	-L SUCS 138	-142.2	10.4	0.5	25.0/-25.0
NRTHPT P 138	-NRTHPT1 138	100.1	43.1	-1.2	50.0/-50.0
V STRM P 138	-VLY STRM 138	-142.7	47.2	0.0	25.0/-25.0
INGMS-CD 115	-INGHAM-E 115	120.0	-13.2	11.0	20.0/-20.0
PLAT 115 115	-PLAT T#3 115	0.0	0.0	19.4	40.0/-40.0

HVDC LINE FLOW REPORT

LINE NAME	MDC	MW	MVAR
COAL CR4 230 ->DICKNSN3 345*	1	1 -505.1	310.3
COAL CR4 230 ->DICKNSN3 345*	2	1 -505.1	310.3
SQBUTTE4 230* ->ARROWHD4 230	3	2 220.5	135.7
SQBUTTE4 230* ->ARROWHD4 230	4	2 220.5	135.7
RADSNDC6 138* ->DC5 JCT4 230	5	1 819.5	488.5
RADSNDC6 138* ->DC6 JCT4 230	6	1 819.5	488.9
HENDAY 4 230* ->DORSEY 4 230	7	1 931.0	579.3
HENDAY 4 230* ->DORSEY 4 230	8	1 931.0	579.3
MI CTYW4 230 ->MI CTYE4 230*	9	1 -32.0	65.6
SIDNEYW4 230 ->SIDNEY 4 230*	10	0 0.0	0.0
CHAT G 315 ->CHAT G3 120*	11	1 -383.7	247.0
CHAT G2 315 ->CHAT G4 120*	12	1 -383.7	247.0
HIGHGT 120 ->HIGHGATE 115*	13	1 -167.0	87.3
MADAWA 315 ->MADAWANB 345*	14	0 0.0	0.0
EEL34A 34.5 ->EELDC2NB34.5*	15	0 0.0	0.0
EEL34B 34.5 ->EELDC1NB34.5*	16	0 0.0	0.0
RAD3152 315 ->NIC230 230*	17	0 0.0	0.0
RAD3152 315 ->NIC230 230*	18	0 0.0	0.0
RAD3152 315 ->SANDY PD 345*	19	1 -750.0	372.9
RAD3152 315 ->SANDY PD 345*	20	1 -750.0	372.9
CHAT G3 120* ->CHAT G 315	21	0 0.0	0.0
CHAT G4 120* ->CHAT G2 315	22	0 0.0	0.0
MADAWANB 345 ->MADAWA 315*	24	0 0.0	0.0
EELDC2NB34.5 ->EEL34A 34.5*	25	0 0.0	0.0
OTAWE 81 315 ->OTAWE220 220*	27	0 0.0	0.0
OTAWE 81 315 ->OTAWE220 220*	28	0 0.0	0.0
OTAWE220 220 ->OTAWE 81 315*	37	0 0.0	0.0
OTAWE220 220 ->OTAWE 81 315*	38	0 0.0	0.0

LBMP ZONE REPORT

	ZONE NAME	LOAD MW	MVAR	PF	LOSS MW	MVAR	GEN MW	MVAR	INT MW	MVAR
1	WEST	2497.	1040.	0.9231	85.	1223.	4712.	1227.	2130.	-154.
2	GENESEE	1708.	545.	0.9528	64.	484.	483.	136.	-1288.	81.
3	CENTRAL	2730.	1226.	0.9122	154.	2049.	5138.	1230.	2254.	-453.
4	NORTH	672.	244.	0.9401	16.	250.	1121.	33.	433.	-91.
5	MOHAWK	1057.	366.	0.9451	172.	2164.	674.	52.	-555.	205.
6	CAPITAL	2039.	788.	0.9328	75.	797.	2033.	874.	-80.	743.
7	HUDSON	2297.	707.	0.9558	105.	1476.	3040.	1117.	638.	40.
8	MILLWOOD	708.	275.	0.9319	41.	929.	2097.	803.	1348.	340.
9	DUNWOODI	1405.	661.	0.9048	39.	1109.	3.	0.	-1442.	633.
10	NYC	11313.	5366.	0.9035	137.	4551.	7661.	3446.	-3788.	-1175.
11	L ISLAND	5234.	1846.	0.9430	76.	1071.	3950.	731.	-1360.	243.
	TOTALS	31660.	13064.		964.	16101.	30913.	9650.	-1711.	412.

LBMP SUBZONE REPORT

LBMP SUBZONE NAME		LOAD MW	MVAR	PF	LOSS MW	MVAR
NMPC WES	1	1558.8	664.5	0.9199	60.3	792.3
NMPC CEN	2	1573.6	707.9	0.9120	75.1	1205.6
NMPC MVN	3	737.4	212.4	0.9609	165.6	2131.2

NMPC EAS	4	1923.8	737.6	0.9337	71.2	780.5
NYSEG WE	5	495.3	234.9	0.9035	21.0	263.0
NYSEG CE	6	1083.6	483.3	0.9133	78.5	843.8
NYSEG EA	7	256.0	122.9	0.9014	6.5	32.4
NYSEG HU	8	15.2	6.2	0.9262	0.0	0.0
RG&E	9	1409.6	448.9	0.9528	24.1	343.4
CENT HUD	10	1206.1	336.9	0.9631	76.2	956.7
O&R	11	1076.2	363.9	0.9473	18.8	245.9
LIPA	12	5211.4	1836.2	0.9432	76.9	1051.2
NYPA WES	13	442.6	140.8	0.9529	3.6	167.4
NYPA NOR	14	507.5	185.6	0.9392	5.1	112.1
CON ED C	15	11283.2	5342.3	0.9038	137.1	4544.4
NYPA B	16	37.1	18.0	0.9000	0.3	0.7
NYPA C	17	72.3	35.0	0.9000	0.0	0.0
NYPA E	18	59.0	28.4	0.9009	0.0	0.0
NYSEG NO	19	98.6	42.0	0.9201	2.3	32.8
NYPA F	20	20.2	9.8	0.8999	0.0	0.1
NYSEG ME	21	94.7	40.3	0.9200	3.4	16.3
NYPA H	22	33.5	19.8	0.8609	3.1	150.5
CON ED N	23	294.5	140.1	0.9030	28.9	668.7
NYPA I	24	0.0	0.0		0.0	0.0
CON ED C	25	1405.2	661.3	0.9048	38.3	1105.2
NYPA J	26	29.6	23.7	0.7809	0.0	6.7
NYPA K	27	22.6	10.1	0.9128	0.4	22.9
NYPA G	28	0.0	0.0		0.0	0.0
NMPC GNS	29	261.4	77.7	0.9586	39.1	139.0
NYSEG BR	30	379.6	115.5	0.9567	9.4	109.7
NMPC NTH	31	66.3	16.3	0.9710	8.6	105.2
CE UPNY	32	0.0	0.0		9.7	273.1
CENT H C	33	4.6	1.7	0.9396	0.0	0.0
	34	0.0	0.0		0.0	0.0

SUBSYSTEM LOAD & LOSS MW 31659.5 963.5

OWNER REPORT

OWNER NAME		LOAD MW	MVAR	PF	LOSS MW	MVAR
CENT HUD	1	1210.7	338.5	0.9631	31.4	391.3
CONED	2	12982.9	6143.7	0.9039	202.6	6217.6
LIPA	3	5234.0	1846.3	0.9430	74.2	1084.9
NYSEG	4	2366.1	1017.7	0.9186	123.1	1437.0
NIMO	5	5914.2	2308.6	0.9315	324.8	3325.2
O&R	6	1076.2	363.9	0.9473	21.3	369.5
NYPA	7	1465.8	596.4	0.9263	165.0	2995.6
RGE	8	1409.6	448.9	0.9528	21.3	311.2

SUBSYSTEM LOAD & LOSS MW 31659.5 963.7

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CASE : SUMMER 2007 BASE CASE
20511002 ER PEAK, LEVEL 5 (04/01/05)

STATION VOLTAGES

BOWLINE1 345 = 357.1	BOWLINE2 345 = 357.1	BUCH S 345 = 351.2
CLAY 345 = 358.2	COOPC345 345 = 352.2	DUNWODIE 345 = 348.6
EDIC 345 = 352.9	FARRAGUT 345 = 357.8	FRASR345 345 = 355.8
GRDNVL2 230 = 228.8	GILB 345 345 = 356.9	GOTHLS N 345 = 362.3*
GOWANUSN 345 = 361.2	LADENTWN 345 = 355.0	LEEDS 3 345 = 354.3
MARCY T1 345 = 352.9	MILLWOOD 345 = 348.3	N.SCOT77 345 = 354.8
N.SCOT99 345 = 354.8	NIAGAR2E 230 = 234.6	NIAGAR2W 230 = 234.6
NIAG 345 345 = 357.2	NRTHPRT1 138 = 143.4	OAKDL345 345 = 352.3
PANNELL3 345 = 358.2	PLTVLLEY 345 = 347.5	RAINEY 345 = 358.8
RAMAPO 345 = 353.1	RAMAPO 5 500 = 518.7	ROCK TAV 345 = 352.4
ROSETON 345 = 354.0	KINTI345 345 = 358.8	SPRBROOK 345 = 348.7
ROCH 345 345 = 357.5	MOSES W 230 = 236.7	WATRC230 230 = 231.8
CHA-NY 765 = 755.9	MARCY765 765 = 776.7	MASS 765 765 = 763.5
FISHKILL 345 = 350.1	HURLEY 3 345 = 353.0	SHORE RD 345 = 347.2
VOLNEY 345 = 361.2	WATRC345 345 = 340.5	DUNKIRK 230 = 239.2
MEYER230 230 = 227.7	OAKDL230 230 = 223.4	ROTRDM.2 230 = 230.8
CHANY2 120 = 124.3	CHANY1 120 = 124.3	ALB3 115 = 119.0
BATH 115 115 = 116.5	BORDR115 115 = 115.8	CLAY 115 = 113.7
DELHI115 115 = 117.3	E.NOR115 115 = 117.3	FALCONER 115 = 115.6
GOUDY115 115 = 112.2	MEYER115 115 = 116.7	MOS 115 115 = 120.8*
NIAG115E 115 = 118.4	NIAG115W 115 = 118.4	N.WAV115 115 = 114.6
OAKDL115 115 = 111.8	PLAT T#3 115 = 118.6	PL.VAL 1 115 = 117.3
PORTER 1 115 = 118.7	ROCK TV1 115 = 117.2	RTRDM1 115 = 115.5
SHENANDO 115 = 116.5	S82-1115 115 = 116.4	

GENERATOR/SVC QUANTITIES

GENERATOR	MW	PMAX	PMIN	MVAR	QMAX	QMIN	VSCHED	VTBUS
GILBOA#117.0	250.0	250.0	0.0	77.8	90.0	-30.0	1.0170	1.0170
GILBOA#217.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0000	0.9862
GILBOA#317.0	250.0	250.0	0.0	78.2	90.0	-30.0	1.0170	1.0170
GILBOA#417.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0000	0.9862
9M PT 1G23.0	626.0	626.0	300.0	103.7	340.0	0.0	1.0500	1.0232
9M PT 2G25.0	1212.0	1212.0	700.0	192.9	360.0	50.0	1.0500	0.9959
OSWGO 5G22.0	394.8	881.0	250.0	141.7	340.0	-240.0	1.0500	1.0015
OSWGO 6G22.0	236.8	881.0	200.0	141.7	330.0	-270.0	1.0500	1.0016
JAFITZ1G24.0	848.8	848.8	230.0	206.1	375.0	-300.0	1.0500	0.9953
SITH-G1 18.0	115.0	170.0	0.0	23.3	126.9	-80.0	1.0500	0.9857
SITH-G2 18.0	115.0	170.0	0.0	23.3	126.9	-80.0	1.0500	0.9857
SITH-G3 18.0	115.0	170.0	0.0	23.3	126.9	-80.0	1.0500	0.9857
SITH-G4 18.0	115.0	170.0	0.0	23.3	126.9	-80.0	1.0500	0.9857
SITH-S5 18.0	160.0	220.6	0.0	23.3	104.7	-75.0	1.0500	0.9813
SITH-S6 18.0	160.0	220.6	0.0	23.3	104.7	-75.0	1.0500	0.9813
ROSE GN124.0	622.7*	610.0	150.0	310.0	310.0	-106.0	1.0300	1.0348
ROSE GN224.0	610.0	610.0	150.0	190.0	190.0	-57.0	1.0300	1.0089
BOW1 20.0	592.0	592.0	150.0	261.3	384.0	-100.0	1.0350	1.0527
BOW2 20.0	592.0	592.0	150.0	248.3	380.0	-100.0	1.0350	1.0502
IND PT 222.0	877.1	1078.0	314.0	533.7	550.0	-300.0	1.0400	1.0400
IP#3 GEN22.0	1080.0	1080.0	314.0	225.0	225.0	-100.0	1.0300	0.9832
RAV 3 22.0	972.0	972.0	386.0	444.7	792.4	-265.7	1.0400	1.0111
POLETTI 26.0	725.4	855.0	150.0	299.2	299.2	-104.0	1.0500	1.0787
KINTIG2424.0	290.0	709.0	197.0	47.6	275.0	-100.0	1.0400	1.0208
GINNA 1919.0	533.0	610.1	50.0	-7.1	261.4	-139.9	1.0522	1.0240
NIAG. 8 13.8	200.0	215.0	0.0	11.3	69.8	-28.0	1.0200	0.9871
NIAG. 1113.8	200.0	215.0	0.0	11.3	69.8	-28.0	1.0200	0.9859
MOS17-1813.8	97.6	114.0	0.0	11.6	44.0	-36.0	1.0200	1.0200
MOS29-3013.8	114.0	114.0	0.0	18.5	44.0	-36.0	1.0200	1.0200
DUNKGEN313.8	197.0	197.0	50.0	70.1	120.0	0.0	1.0400	0.9773
DUNKGEN413.8	191.0	191.0	50.0	70.1	120.0	0.0	1.0400	0.9777
HNTLY67G13.8	191.4	191.4	50.0	100.0	100.0	0.0	1.0260	0.9900
HNTLY68G13.8	190.6	190.6	50.0	100.0	100.0	0.0	1.0260	0.9906
FRASVC1818.2	0.0	0.0	0.0	-2.4	325.0	-300.0	1.0314	1.0302
LEEDS 3 345	0.0	0.0	0.0	-2.9	270.0	-300.0	1.0271	1.0271
USTATCOM 345	0.0*	0.0	0.0	0.4	204.6	-204.6	0.0000	1.0228
CHAT G3 120	0.0	0.0	0.0	-99.1	166.2	-99.1	1.0250	1.0272
CHAT G4 120	0.0	0.0	0.0	-99.1	83.1	-99.1	1.0250	1.0272

GENERATOR COMPLEX REPORT

GEN COMPLEX	ON OFF	MW	SPRES	PMAX	PMIN	MVAR	REMVAR	QMAX	QMIN

AREA-1-FRONTIER	62	8	4559.	634.	5924.	662.	1135.	906.	2338.	-869.
AREA-2-GENESSEE	5	12	605.	77.	824.	78.	-4.	297.	351.	-173.
AREA-3-SYRACUSE	63	3	5288.	1544.	7000.	1971.	1307.	1771.	3105.	-1365.
AREA-4-ADIRONDK	52	2	1200.	24.	1305.	234.	76.	799.	899.	-456.
AREA-5-UTICA	128	9	675.	59.	952.	0.	22.	573.	672.	-587.
AREA-6-CAPITAL	74	16	2035.	717.	4135.	45.	983.	616.	2141.	-1431.
AREA-7-MIDHUDSN	28	10	3217.	-6.	3539.	968.	1293.	363.	1850.	-590.
AREA-8-MILLWOOD	5	0	2014.	201.	2215.	628.	794.	16.	811.	-424.
AREA-9-SPR	1	0	3.	0.	3.	0.	0.	0.	0.	0.
AREA-10-NYC_ZON	83	11	7716.	1954.	10205.	2867.	3422.	3094.	7077.	-3847.
AREA-11-L-ISLAN	51	41	3483.	393.	5626.	1005.	763.	725.	1917.	-1618.
AREA-31-PSEG	64	20	7439.	319.	9988.	5560.	1648.	1761.	4568.	-2007.
OSWEGO-GENERATI	11	0	4098.	1472.	5570.	1680.	926.	1536.	2462.	-1230.
NIAGARA-GENERAT	24	1	2700.	180.	3095.	0.	459.	496.	1025.	-539.
ST.LAWRENCE-GEN	18	0	896.	16.	912.	0.	66.	586.	652.	-348.
GILBOA-GENERATI	2	2	500.	0.	1000.	0.	156.	24.	360.	-120.
HUNTLEY-GENERAT	4	4	382.	0.	722.	185.	200.	0.	375.	0.
DUNKIRK-GENERAT	6	0	558.	0.	558.	140.	220.	120.	340.	0.
ROSETON-GENERAT	2	0	1233.*	-13.	1220.	300.	500.	0.	500.	-163.
BETHLEHEM-GENER	4	0	435.	355.	790.	45.	367.	193.	560.	-290.
ATHENS-GENERATI	4	2	450.	270.	1080.	0.	330.	0.	495.	-495.
COGENTECH-GENER	8	0	545.	100.	645.	0.	-150.	550.	400.	-160.
SCSASTORIA-GENE	3	0	310.	290.	600.	120.	176.	182.	358.	-217.
POLEXPANS-GENER	3	0	539.	99.	638.	0.	353.	1.	354.	-354.
LOVETT-GENERATI	2	1	238.	7.	435.	120.	129.	51.	300.	-110.
DANSKAM-GENERAT	2	0	379.	0.	379.	150.	102.	36.	138.	-48.
HOMER-CITY-GENE	3	0	1884.	0.	1884.	900.	360.	588.	948.	-393.
NORTHFIELD-GENE	3	1	750.	60.	1080.	-1000.	166.	74.	320.	-160.
BRUCE-GENERATIO	6	2	4460.	356.	6272.	0.	1500.	1230.	3380.	-2540.

INTERFACE FLOW REPORT

DESCRIPTION	MW	MVAR	DESCRIPTION	MW	MVAR
DYSINGER-EAST	1945.2	-163.9	DYSINGER-EAST-(C)	2961.0	12.2
WEST-CENTRAL	729.4	16.6	WEST-CENTRAL-(C)	1745.2	192.7
VOLNEY-EAST	3550.4	-167.3	VOLNEY-EAST-(C)	4128.4	-127.8
MOSES-SOUTH	1569.6	-381.0	MOSES-SOUTH-(C)	1687.3	-388.2
CENTRAL-EAST	2656.0	-622.4	TOTAL-EAST	5243.7	-749.8
UPNY-SENY	4735.4	152.6	UPNY-SENY-(C)	5302.9	62.2
UPNY-CONED	4006.0	-83.0	UPNY-CONED-(C)	6032.2	45.9
MILLWOOD-SOUTH	6680.5	141.0	LIPA-IMPORT	1919.3	-103.8
DUNWOODIE-SOUTH	3786.8	-634.5	DUNWOODIE-SOUTH-(C)	5813.0	-505.6
CONED-CABLE-INT-(C)	3893.7	-401.8	A-B-C-J-K-PAR-IMBAL	25.1	28.0
NIAGARA-TIE	45.6	71.8	CEDARS-IMPORT	0.0	4.7
PJM-NY	944.6	127.2	NE-NY	172.0	60.5
ON-NY	45.1	71.1	ONTARIO-MICHIGAN	-1.4	27.1
CONED-345	1825.3	-525.8	CONED-138	1068.5	-14.8
Y49-Y50	1181.7	-60.8	138-POCKET	1674.7	111.4
AST-POCKET	1125.1	133.6	GRNWD-POCKET	747.9	4.0
STAT-POCKET	443.8	-75.1	E13-POCKET	1027.8	410.1
W49-POCKET	1535.2	-42.3	EVIEW-POCKET	724.2	302.8
DUNSO-POCKET	97.5	103.4	DUNNO-POCKET	73.0	-78.1
ON-MAN-MIN	0.2	-42.8	VOLT-TE#3	4413.8	-455.8
EAST OF HOLBROOK	238.5	-53.4	NEWBRIDGE EAST	-107.2	-205.0
AR-3-BULK-XFMRS	1490.8	166.2	AR-4-BULK-XFMRS	-153.0	109.6
AR-5-BULK-XFMRS	1994.4	-64.9	AR-6-BULK-XFMRS	1133.0	43.4
AR-7-BULK-XFMRS	1436.6	438.8	AR-8-BULK-XFMRS	477.3	176.2
AR-3-4-5-6-7-8X	6379.2	869.2	CONED-CABLE-INT	2893.8	-540.6

SHUNT REPORT

SHNTNAME	SHACT (-ind,+cap)	SHTOT	SHNTNAME	SHACT (-ind,+cap)	SHTOT	SHNTNAME	SHACT (-ind,+cap)	SHTOT
MARCY T1 345	418.	400.	OAKDL345 345	0.	135.	N.SCOT77 345	143.	270.
N.SCOT99 345	143.	135.	LEEDS 3 345	142.	270.	EDIC 345	209.	200.
MOS 115 115	74.	68.	PORTER 1 115	61.	57.	MARCY765 765	-206.	-200.
MASS 765 765	-199.	-400.	FRASR345 345	298.	280.	COOPC345 345	292.	280.
ROCK TAV 345	282.	270.	FISHKILL 345	278.	270.	GILB 345 345	0.	135.
ROTRDM.2 230	170.	169.	ROCH 345 345	0.	135.	CLAY 115	49.	50.
MOS 115 115	74.	68.	DUNWODIE 345	0.	-150.	FARRGUT1 345	-64.	-60.
FARRGUT2 345	-64.	-60.	GOTHLS N 345	0.	-150.	GOTHLS S 345	-165.	-150.
GOWANUSN 345	-164.	-150.	GOWANUSS 345	0.	-150.	PL VILLE 345	0.	-20.
PL VILLW 345	0.	-20.	RAINEY 345	0.	-300.	SPRBROOK 345	0.	0.
REACBUS 345	-153.	-300.	EASTVIEW 138	-162.	-160.	E179 ST 138	0.	-150.

GRENWOOD 138 -78. -150. REACM51 345 0. -300. REACM52 345 0. -300.
GOETH 1313.6 -63. -140. SHORE RD 345 -152. -150. HMP HRBR 345 -154. -150.
EGC DUM 345 0. 0.

TRANSFORMER FLOW REPORT

TRANSFORMER		CNTL	MW	MVAR	PF	TAP	TAP RANGE
HURLEY 3 345	-HURLEY 1 115*	1	230.8	5.2	0.9997	0.9877	1.1607/0.9497
ROCK TAV 345	-ROCK TV1 115*	1	153.9	52.0	0.9474*	1.0193	1.1831/0.9647
ROCK TAV 345	-ROCK TV1 115*	1	153.9	52.0	0.9474*	1.0193	1.1831/0.9647
FISHKILL 345	-E FISH I 115*	1	114.4	78.5	0.8244*	0.9647*	1.1830/0.9647
PLTVLLEY 345	-PL.VAL 1 115*	1	71.6	147.9	0.4357*	0.9268	1.1173/0.9141
RAMAPO 5 500	-RAM PAR 345*	1	440.4	82.1	0.9831	1.0000	1.1000/0.9000
BOWLINE2 345	-BOW138 138*	1	152.9	-40.1	0.9672	0.9625	1.0250/0.9000
		0	0.0	0.0	1.0000	0.0000*	0.0000/0.0000
BUCH N 345	-BUCHNTA5 138*	1	94.2	-2.1	0.9997	1.0299	1.1040/0.8670
DUNWODIE 345	-DUN NO 138*	1	266.3	13.1	0.9988	1.0074	1.1041/0.8670
DUNWODIE 345	-DUN SO 138*	1	284.2	127.9	0.9119*	0.9704	1.1041/0.8670
E VIEW1 345	-EASTVIEW 138*	1	182.4	105.4	0.8660*	0.9781	1.1041/0.8670
E VIEW2 345	-EASTVIEW 138*	1	181.2	82.8	0.9096*	0.9781	1.1041/0.8670
E VIEW3 345	-EASTVIEW 138*	1	180.7	82.5	0.9097*	0.9781	1.1041/0.8670
E VIEW4 345	-EASTVIEW 138*	1	180.7	82.5	0.9097*	0.9781	1.1041/0.8670
E15ST 45 345	-E13 ST 138*	1	168.3	79.3	0.9046*	0.9923	1.1041/0.8670
E15ST 45 345	-T14MPT 138	1	144.3	68.1	0.9042*	1.0000	1.5000/0.5100
E15ST 46 345	-E13 ST 138*	1	161.9	77.1	0.9030*	0.9923	1.1041/0.8670
E15ST 46 345	-T13MPT 138	1	150.4	70.6	0.9053*	1.0000	1.5000/0.5100
E15ST 47 345	-E13 ST 138*	1	170.5	81.8	0.9016*	0.9923	1.1041/0.8670
E15ST 47 345	-E RIVER 69.0*	1	-92.6	-48.5	-0.8858*	1.0573	1.0870/0.8540
E15ST 48 345	-E13 ST 138*	1	173.0	81.8	0.9041*	0.9923	1.1041/0.8670
E15ST 48 345	-T11MPT 138	1	153.3	72.5	0.9040*	1.0000	1.5000/0.5100
FARRAGUT 345	-F/S38M11 138*	1	94.1	12.6	0.9911	1.0154	1.1040/0.8670
FARRAGUT 345	-F/S38M12 138*	1	94.1	12.3	0.9916	1.0151	1.1040/0.8670
FARRAGUT 345	-F/S38M13 138*	1	23.7	-13.6	0.8670*	1.0308	1.1040/0.8670
FARRAGUT 345	-F/S38M14 138*	1	94.5	11.9	0.9921	1.0151	1.1040/0.8670
FARRAGUT 345	-FGT/BRT1 138*	1	174.5	51.2	0.9595	1.0004	1.1040/0.8670
FARRAGUT 345	-FGT/BRT2 138*	1	173.7	50.4	0.9603	1.0004	1.1040/0.8670
FARRAGUT 345	-FGT/BRT3 138*	1	173.9	50.6	0.9602	1.0004	1.1040/0.8670
FARRAGUT 345	-FGT/BRT4 138*	1	174.3	51.0	0.9598	1.0004	1.1040/0.8670
FARRAGUT 345	-FGT/HAT1 138*	1	82.1	30.4	0.9377*	1.0078	1.1040/0.8670
FARRAGUT 345	-FGT/HAT2 138*	1	84.2	39.1	0.9070*	0.9855	1.1040/0.8670
FARRAGUT 345	-FGT/HAT3 138*	1	61.3	17.8	0.9602	1.0062	1.1040/0.8670
FARRAGUT 345	-FGT/HAT4 138*	1	60.9	17.4	0.9614	1.0061	1.1040/0.8670
FARRAGUT 345	-FGT/HAT5 138*	1	60.8	20.5	0.9478*	1.0063	1.1040/0.8670
FARRAGUT 345	-FGT/HAT6 138*	1	84.5	39.1	0.9077*	0.9880	1.1040/0.8670
FARRAGUT 345	-FGT/HAT7 138*	1	83.9	39.0	0.9067*	0.9877	1.1040/0.8670
FARRAGUT 345	-HAE TR1 138*	1	-9.2	-25.0	-0.3445*	1.0515	1.1041/0.8670
FARRAGUT 345	-HAE TR3 138*	1	-9.3	-31.7	-0.2817*	1.0589	1.1041/0.8670
FGT-HUD9 345	-F/S38M15 138*	1	85.6	18.5	0.9776	1.0078	1.1041/0.8670
FGT-HUD9 345	-HAE TR2 138*	1	-9.2	-36.1	-0.2470*	1.0649	1.1041/0.8670
FR KILLS 345	-FRKILLR2 138*	1	210.2	-4.7	0.9998	1.0348	1.0884/0.8900
FR KILLS 345	-FRKILLSR 138*	1	210.3	-1.7	1.0000	1.0348	1.0884/0.8900
GOTHLS R 345	-GOETH T 230*	1	-200.0	56.5	-0.9624	1.0268	1.0879/0.9540
GOWANUSN 345	-GOWNUS1T 138*	1	220.6	2.9	0.9999	1.0440	1.1041/0.8670
GOWANUSS 345	-GOWNUS2T 138*	1	220.6	5.3	0.9997	1.0443	1.1041/0.8670
MILLWOOD 345	-MLWD TA 138*	1	53.0	7.1	0.9911	1.0003	1.1040/0.8670
MILLWOOD 345	-MLWD TA 138*	1	51.7	7.0	0.9909	1.0003	1.1040/0.8670
PL VILLE 345	-PLTVILLE13.6*	1	39.9	-5.8	0.9895	1.0016	1.2186/0.9706
PL VILLW 345	-PLTVILLE13.6*	1	36.5	11.5	0.9541	1.0781	1.2353/0.9706
RAINEY 345	-RAINEY3W 138*	1	147.0	79.4	0.8798*	0.9926	1.1040/0.8670
RAINEY 345	-2E DUM 138*	1	188.9	109.1	0.8660*	0.9783	1.0875/0.8545
RAINEY 345	-7E DUM 138*	1	174.0	80.9	0.9067*	1.0292	1.0875/0.8545
RAINEY 345	-7W DUM 138*	1	182.8	109.4	0.8580*	0.9856	1.0875/0.8545
RAINEY 345	-8E DUM 138*	1	-141.6	20.4	-0.9898	1.0220	1.0875/0.8545
RAINEY 345	-8W DUM 138*	1	-114.6	19.0	-0.9866	1.0292	1.0875/0.8545
RAINEY 345	-9E DUM 138*	1	66.1	23.4	0.9426*	1.0296	1.1040/0.8670
RAMAPO 345	-RAMP138 138*	1	157.5	49.0	0.9548	0.9938	1.1000/0.9000
RAMAPO 345	-RAMP138 138*	1	157.5	49.0	0.9548	0.9938	1.1000/0.9000
SPRBROOK 345	-DUN NO T 138*	1	236.2	87.0	0.9383*	0.9778	1.1041/0.8670
SPRBROOK 345	-DUN SO T 138*	1	243.3	89.1	0.9390*	0.9778	1.1041/0.8670
TREMONT 345	-PARK TR1 138*	1	199.1	62.9	0.9536	0.9707	1.1041/0.8670
TREMONT 345	-PARK TR2 138*	1	200.9	54.5	0.9651	0.9781	1.1041/0.8670
W 49 ST 345	-W49 ST 1 138*	1	250.1	140.0	0.8726*	0.9807	1.1040/0.8670
W 49 ST 345	-W49 ST 2 138*	1	166.7	80.6	0.9003*	0.9934	1.1040/0.8670
W 49 ST 345	-W49 ST 3 138*	1	228.6	111.8	0.8983*	0.9860	1.1040/0.8670
W 49 ST 345	-W49 ST 4 138*	1	274.5	155.5	0.8701*	0.9761	1.1040/0.8670
W 49 ST 345	-W49 ST 5 138*	1	275.3	158.5	0.8666*	0.9734	1.1040/0.8670

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GOETH T  230  -GOETHALS 230  1  -200.1   -10.7 -0.9986   1.0000   1.5000/0.5100
S. BRONX 345  -SBNXT1   138* 1    43.4    12.0  0.9639   1.0222   1.1040/0.8670
S. BRONX 345  -SBNXT2   138* 1    43.4    12.0  0.9639   1.0222   1.1040/0.8670
S. BRONX 345  -SBNXT3   138* 1    43.4    12.0  0.9639   1.0222   1.1040/0.8670
S. BRONX 345  -SBNXT4   138* 1    43.4    12.0  0.9639   1.0222   1.1040/0.8670
GOETH T  230  -GOETH 1313.6  1     0.1    66.7  0.0018*  1.0000   1.5000/0.5100
                             0     0.0     0.0  1.0000   0.0000*  0.0000/0.0000
                             0     0.0     0.0  1.0000   0.0000*  0.0000/0.0000
SHORE RD 345  -SHORE RD 138* 1   272.7    21.0  0.9971   0.9915   1.1200/0.8800
SHORE RD 345  -SHORE RD 138* 1   271.7    21.0  0.9970   0.9915   1.1200/0.8800
E.G.C.-1 345  -E.G.C.   138* 1   317.1    13.8  0.9991   0.9998   1.1200/0.8800
E.G.C.-2 345  -E.G.C.-2 138* 1   317.1    14.1  0.9990   0.9999   1.1200/0.8800
COOPC345 345  -COOPC115 115* 1    45.6    -2.2  0.9988   0.9938   1.1500/0.9500
COOPC345 345  -COOPC115 115* 1    46.0    -2.4  0.9986   0.9938   1.1500/0.9500
FRASVC1818.2  -FRASR345 345  1     0.0    -2.3  0.0000*  1.0000   1.5000/0.5100
FRASR345 345  -FRASR115 115* 1    26.9    23.7  0.7498*  0.9925   1.1468/0.9474
OAKDL345 345  -OAK2M115 115  1    95.7   -59.9  0.8477*  1.0721   1.1478/0.9391
OAKDL345 345  -OAK3M115 115  1    82.7   -65.8  0.7824*  1.0721   1.1478/0.9391
STOLE345 345  -STOLE115 115* 1    73.2    44.4  0.8553*  1.0321   1.0769/0.9744
STOLE345 345  -STOLE115 115* 1    72.7    43.9  0.8559*  1.0321   1.0769/0.9744
WATRC345 345  -WATRC230 230* 1   111.0   109.7  0.7114*  0.9562   1.1000/0.9000
WOODA345 345  -WOODS115 115* 1   150.4    88.1  0.8629*  0.9188   1.0500/0.8500
WOODB345 345  -WOODS115 115* 1   128.3    84.2  0.8361*  0.9188   1.0500/0.8500
GARDV230 230  -GARDN M734.5  1    76.8    44.5  0.8649*  1.0000   1.0750/0.9250
GARDV230 230  -GARDN M634.5  1    91.9    58.5  0.8439*  1.0000   1.0750/0.9250
HILSD230 230  -HILSD M334.5  1    97.3   -66.9  0.8241*  1.0000   1.5000/0.5100
HILSD230 230  -HILSD M434.5  1    70.0   124.7  0.4895*  1.0000   1.5000/0.5100
MEYER230 230  -MEYER M434.5  1    92.0   -15.7  0.9858   1.0250*  1.0250/0.8750
OAKDL230 230  -OAKDL115 115  1    92.5    48.1  0.8873*  0.9785   1.5000/0.5100
ROBIN230 230  -ROBIN M134.5  1    56.2    11.3  0.9804   1.0187   1.1000/0.9000
DUNKIRK  230  -DUNKIRK1 115* 1    43.9   -11.0  0.9698   1.0270   1.0779/0.9341
DUNKIRK  230  -DUNKIRK1 115* 1    45.9   -12.1  0.9669   1.0272   1.0875/0.9422
DUNKIRK  230  -DUNKGEN313.8  1  -190.0   -42.6 -0.9758   1.0977   1.5000/0.5100
ELM-70   230  -ELMST23.23.0  1    45.6    25.5  0.8727*  1.1000*  1.1000/0.9000
ELM-71   230  -ELMST23.23.0  1    21.2    16.9  0.7811*  1.1000*  1.1000/0.9000
ELM-72   230  -ELMST23.23.0  1    21.1    16.9  0.7808*  1.1000*  1.1000/0.9000
GRDNVL2  230  -GRDNVL1  115* 1    92.9    41.3  0.9136*  0.9641   1.0302/0.8865
GRDNVL2  230  -GRDNVL1  115* 1    57.9    25.8  0.9136*  0.9641   1.0302/0.8865
GRDNVL2  230  -GRDNVL1  115* 1    58.5    26.0  0.9136*  0.9641   1.0302/0.8865
PACKARD2 230  -PACK(N)E 115* 1    20.8   -30.3  0.5663*  1.0182   1.0268/0.8899
PACKARD2 230  -PACK(S)W 115* 1   -42.9    20.2 -0.9045*  0.9840   1.0268/0.8899
SUNY-79  230  -SUNYAB2334.5  1    18.5     6.7  0.9407*  0.9700   1.5000/0.5100
SUNY-80  230  -SUNYAB2334.5  1    18.3     6.5  0.9414*  0.9700   1.5000/0.5100
CLAY     345  -CLAY     115* 1   139.7     2.8  0.9998   1.0500*  1.0540/1.0500
CLAY     345  -CLAY     115* 1   139.5     2.8  0.9998   1.0500*  1.0540/1.0500
DEWITT 3 345  -DEWITT 1 115* 1   212.9    70.4  0.9494*  1.0300*  1.0540/1.0300
ELBRIDGE 345  -ELBRIDGE 115* 1   160.1    32.9  0.9795   1.0300*  1.0540/1.0300
OSWEGO   345  -OSW 3&4  115* 1   192.3    52.8  0.9643   1.0002   1.0500/0.8630
SCRIBA   345  -SCRIBA   115  1     3.2     0.0  1.0000   1.0000   1.5000/0.5100
SCRIBA   345  -SCRIBA   115  1     3.2     0.0  1.0000   1.0000   1.5000/0.5100
KB-AD115 115  -ADRON B1 230  1     0.0     0.5  0.0000*  1.0250   1.5000/0.5100
EDIC     345  -PORTER 2 230  1   250.9   116.0  0.9077*  1.0000   1.5000/0.5100
EDIC     345  -PORTER 1 115* 1   147.2    -7.9  0.9986   0.9961   1.0540/0.8630
EDIC     345  -PORTER 1 115* 1   147.2    -7.9  0.9986   0.9961   1.0540/0.8630
PORTER 2 230  -PORTER 1 115* 1    -0.9    59.9 -0.0155*  0.9425   1.1000/0.9000
PORTER 2 230  -PORTER 1 115* 1    -0.9    59.9 -0.0155*  0.9425   1.1000/0.9000
N.SCOT77 345  -N.SCOT1  115* 1   168.9   -16.3  0.9954   1.0196   1.0543/0.8623
N.SCOT99 345  -N.SCOT1  115* 1   171.4   -16.1  0.9956   1.0196   1.0540/0.8620
REYNLD3  345  -REY. RD. 115* 1   210.1    38.5  0.9836   0.9992   1.0540/0.8620
ROTRDM.2 230  -RTRDM1   115* 1   213.6    30.7  0.9899   0.9883   1.0063/0.8145
ROTRDM.2 230  -RTRDM1   115* 1   204.0     1.9  1.0000   1.0003   1.0500/0.8500
ROTRDM.2 230  -RTRDM1   115* 1   165.4    23.4  0.9902   0.9883   1.0063/0.8146
WHAV345  345  -WHAV138  138* 1   174.4   -10.5  0.9982   1.0250*  1.0250/0.9000
SMAHWAH1 345  -SMAH138  138* 1   178.9   142.2  0.7827*  0.9667   1.0200/0.9000
N.M.TAP  345  -SHOEMTAP 138* 1   336.9   150.5  0.9130*  0.9510*  1.2500/0.9510
MARCY765 765  -MARCY T1 345* 1   713.3  -106.0  0.9891   1.0000   1.0606/0.8240
MARCY765 765  -MARCY T1 345* 1   622.0   -82.3  0.9914   1.0000   1.1183/0.8687
MASS 765 765  -MASS230A 230  1   -73.3    16.3 -0.9762   0.9665   1.5000/0.5100
MASS 765 765  -MASS230B 230  1   -73.3    16.3 -0.9762   0.9665   1.5000/0.5100
NIAG 345 345* -NIAGAR2E 230  1  -189.7    38.0 -0.9805   0.9900   1.0500/0.9500
NIAG 345 345* -NIAGAR2E 230  1  -189.7    38.0 -0.9805   0.9900   1.0500/0.9500
NIAG 345 345* -NIAGAR2W 230  1  -377.2    75.5 -0.9805   0.9900   1.0400/0.9650
MOSES W  230  -MOS 115  115  1   -21.1     3.2 -0.9884   0.9790   1.5000/0.5100
MOSES W  230  -MOS 115  115  1   -20.8     3.2 -0.9884   0.9790   1.5000/0.5100
MOSES W  230  -MOS 115  115  1    -8.1     1.3 -0.9872   0.9790   1.5000/0.5100
MOSES W  230  -MOS 115  115  1   -20.9     3.2 -0.9884   0.9790   1.5000/0.5100
NIAGAR2W 230  -NIAG115E 115  1   -10.2   -19.2 -0.4701*  1.0000   1.5000/0.5100
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NIAGAR2W	230	-NIAG115W	115	1	-90.5	40.1	-0.9144*	1.0283	1.5000/0.5100
PLAT T#1	230	-PLAT 115	115*	1	-1.4	-33.5	-0.0414*	0.9730*	1.1314/0.9730
PLAT T#4	230	-PLAT 115	115*	1	8.4	74.8	0.1115*	1.0607	1.1314/0.9730
WILLIS E	230	-WILL 115	115*	1	28.8	15.4	0.8817*	1.0297	1.1314/0.9730
WILLIS W	230	-WILL 115	115*	1	28.8	15.4	0.8815*	1.0297	1.1314/0.9730
ROCH 345	345	-S80 1TR	115*	1	125.0	-9.2	0.9973	1.0344	1.1001/0.9500
ROCH 345	345	-S80 2TR	115*	1	167.1	-25.0	0.9889	0.9629	1.0500/0.9500
ROCH 345	345	-S80 3TR	115*	1	124.6	-9.1	0.9973	1.0344	1.1001/0.9500
PANNELL3	345	-PANNELLI	115*	1	96.3	-8.5	0.9961	1.0187	1.0750/0.9250
PANNELL3	345	-PANNELLI	115*	1	96.3	-8.5	0.9961	1.0187	1.0750/0.9250

TRANSMISSION LINE FLOW REPORT

LINE			RATEA	RATEB	RATEC	MVA	MW	MVAR FROM	MVAR TO	MVAR NET
CHA-NY	765	-MASS 765 765	3975.	3975.	5300.	1241.	1200.	-316.	146.	-171.
MASS 765	765	-MARCY765 765	3975.	3975.	5300.	1396.	1344.	-377.	-18.	-395.
NORHR138	138	-NRTHPT P 138	466.	577.	1577.	112.	100.	-51.	-42.	-93.
HOMER CY	345	-WATRC345 345	755.	927.	0.	448.	442.	72.	33.	105.
BRANCHBG	500	-RAMAPO 5 500	1048.	1373.	0.	442.	442.	-17.	-82.	-99.
STLAWR33	220	-STLAWL33 230	300.	498.	0.	0.	0.	0.	1.	1.
STLAWR34	230	-STLAWL34 230	300.	498.	0.	2.	0.	-2.	2.	0.
OAKDL345	345	-FRASR345 345	1255.	1380.	1380.	709.	708.	-48.	134.	86.
CLAY	345	-EDIC 345	1033.	1285.	1434.	600.	600.	26.	22.	48.
CLAY	345	-EDIC 345	1033.	1285.	1434.	602.	602.	26.	22.	48.
VOLNEY	345	-MARCY T1 345	1434.	1792.	1912.	731.	724.	94.	-11.	83.
JA FITZP	345	-EDIC 345	1434.	1434.	1912.	742.	737.	83.	28.	111.
MASS 765	765	-MARCY765 765	3975.	3975.	5300.	1396.	1344.	-377.	-18.	-395.
MOSES W	230	-ADRON B1 230	348.	359.	440.	148.	148.	-4.	6.	2.
MOSES W	230	-ADRON B2 230	348.	386.	440.	148.	148.	-4.	6.	2.
EDIC	345	-N.SCOT77 345	1331.	1528.	1724.	929.	928.	37.	241.	278.
PORTER 2	230	-ROTRDM.2 230	440.	505.	560.	265.	264.	-18.	74.	56.
PORTER 2	230	-ROTRDM.2 230	439.	505.	560.	272.	272.	-19.	76.	58.
MARCY T1	345	-N.SCOT99 345	1487.	1792.	1792.	1019.	1015.	96.	209.	306.
CTNY398	345	-PLTVLLEY 345	1195.	1386.	1685.	305.	-302.	44.	-45.	-1.
** LINE ERROR **			0.	0.	0.	0.	0.	0.	0.	0.
COOPC345	345	-N.M.TAP 345	1464.	1793.	1793.	808.	806.	46.	29.	76.
LEEDS 3	345	-HURLEY 3 345	1395.	1623.	1870.	705.	705.	-12.	53.	41.
LEEDS 3	345	-PLTVLLEY 345	1331.	1538.	1724.	1090.	1086.	93.	100.	193.
ATHENS	345	-PLTVLLEY 345	1331.	1538.	1724.	1049.	1045.	92.	89.	180.
SPRBROOK	345	-REACM51 345	774.	866.	1291.	473.	469.	-58.	129.	71.
SPRBROOK	345	-REACM52 345	774.	866.	1291.	473.	469.	-58.	129.	71.
REACM51	345	-W 49 ST 345	774.	866.	1291.	487.	469.	-129.	-216.	-346.
REACM52	345	-W 49 ST 345	774.	866.	1291.	487.	469.	-129.	-216.	-346.
DUNWODIE	345	-REAC71 345	715.	817.	1081.	449.	444.	-69.	133.	64.
DUNWODIE	345	-REAC72 345	715.	817.	1081.	449.	444.	-69.	133.	64.
** LINE ERROR **			0.	0.	0.	0.	0.	0.	0.	0.
** LINE ERROR **			0.	0.	0.	0.	0.	0.	0.	0.
REAC71	345	-S. BRONX 345	715.	817.	1081.	463.	443.	-133.	-65.	-198.
REAC72	345	-S. BRONX 345	715.	817.	1081.	463.	443.	-133.	-65.	-198.
S. BRONX	345	-RAINEY 345	715.	817.	1081.	358.	356.	41.	-120.	-79.
S. BRONX	345	-RAINEY 345	715.	817.	1081.	358.	356.	41.	-120.	-79.
** LINE ERROR **			0.	0.	0.	0.	0.	0.	0.	0.
SPRBROOK	345	-REACBUS 345	1243.	1386.	1530.	703.	639.	-294.	294.	0.
DUNWODIE	345	-SHORE RD 345	687.	962.	1512.	564.	546.	-142.	-194.	-336.

PAR FLOW AND ANGLE REPORT

PAR			MW	MVAR	ANGLE	ANGLE RANGE
LINDEN	230	-LIN SHF 230	199.9	-162.4	-5.5	25.0/-25.0
WALDWICK	230	-FAIRL SH 230	300.3	374.2	-32.0	35.0/-35.0
WALDWICK	230	-HAWTH SH 230	264.2	-43.2	-30.0*	30.0/-30.0
WALDWICK	230	-HILLS SH 230	330.4	-97.4	-31.0	32.0/-32.0
STLAWR33	220	-STLAWL33 230	0.0	0.1	10.6	40.0/-40.0
STLAWR34	230	-STLAWL34 230	0.0	-1.7	10.5	40.0/-40.0
FARRAGUT	345	-FARRGUT1 345	-399.3	42.9	31.4*	30.0/-30.0
FARRAGUT	345	-FARRGUT2 345	-399.3	39.8	31.9*	30.0/-30.0
GOTHLS N	345	-GOTHLS R 345	-199.8	67.2	-32.3*	25.0/-25.0
RAM PAR	345	-RAMAPO 345	220.1	33.8	26.2	40.0/-40.0
RAM PAR	345	-RAMAPO 345	220.1	33.8	26.2	40.0/-40.0
CORONA-S	138	-CORONA1R 138	-63.3	18.5	25.0*	25.0/-25.0
DUN NO	138	-DUN NO1R 138	94.9	7.4	-17.8	20.0/-20.0
DUN NO	138	-DUN NO2R 138	94.9	7.7	-17.7	20.0/-20.0
DUN SO	138	-DUN SO1R 138	95.2	6.3	-20.3	25.0/-25.0

DUN SO 138	-DUN SO1R 138	95.2	6.3	-20.3	25.0/-25.0
CORONA-N 138	-CORONA2R 138	-65.0	29.7	25.0*	25.0/-25.0
FRKILLR2 138	-FR-KILLS 138	210.0	-20.1	-9.9	25.0/-25.0
FRKILLSR 138	-FR-KILLS 138	210.0	-17.9	-10.6	25.0/-25.0
GOWNUS1T 138	-GOWNUS1R 138	220.1	-22.5	-15.1	25.0/-25.0
GOWNUS2T 138	-GOWNUS2R 138	220.1	-19.2	-14.7	25.0/-25.0
ASTE-PAR 138	-ASTE-WRG 138	-305.1	18.1	11.6	25.0/-25.0
PARK TR1 138	-PARK1REG 138	200.5	41.8	-20.9	25.0/-25.0
PARK TR2 138	-PARK2REG 138	200.5	33.2	-21.0	25.0/-25.0
** LINE ERROR **		0.0	0.0	0.0*	0.0/ 0.0
** LINE ERROR **		0.0	0.0	0.0*	0.0/ 0.0
EGC PAR 345	-E.G.C.-1 345	317.3	33.5	5.3	25.0/-25.0
EGC PAR 345	-E.G.C.-2 345	317.3	33.8	5.4	25.0/-25.0
L SUCSPH 138	-L SUCS 138	-148.0	14.8	-0.1	25.0/-25.0
NRTHPT P 138	-NRTHPT1 138	99.6	42.4	-3.2	50.0/-50.0
V STRM P 138	-VLY STRM 138	-141.5	49.1	0.1	25.0/-25.0
INGMS-CD 115	-INGHAM-E 115	120.0	-13.1	11.8	20.0/-20.0
PLAT 115 115	-PLAT T#3 115	0.0	0.0	19.4	40.0/-40.0

HVDC LINE FLOW REPORT

LINE NAME	MDC	MW	MVAR
COAL CR4 230 ->DICKNSN3 345*	1	1 -505.1	310.3
COAL CR4 230 ->DICKNSN3 345*	2	1 -505.1	310.3
SQBUTTE4 230* ->ARROWHD4 230	3	2 220.5	135.7
SQBUTTE4 230* ->ARROWHD4 230	4	2 220.5	135.7
RADSNDC6 138* ->DC5 JCT4 230	5	1 819.5	488.7
RADSNDC6 138* ->DC6 JCT4 230	6	1 819.5	488.9
HENDAY 4 230* ->DORSEY 4 230	7	1 931.0	579.2
HENDAY 4 230* ->DORSEY 4 230	8	1 931.0	579.2
MI CTYW4 230 ->MI CTYE4 230*	9	1 -32.0	65.6
SIDNEYW4 230 ->SIDNEY 4 230*	10	0 0.0	0.0
CHAT G 315 ->CHAT G3 120*	11	1 -383.7	250.1
CHAT G2 315 ->CHAT G4 120*	12	1 -383.7	250.1
HIGHGT 120 ->HIGHGATE 115*	13	1 -167.0	87.1
MADAWA 315 ->MADAWANB 345*	14	0 0.0	0.0
EEL34A 34.5 ->EELDC2NB34.5*	15	0 0.0	0.0
EEL34B 34.5 ->EELDC1NB34.5*	16	0 0.0	0.0
RAD3152 315 ->NIC230 230*	17	0 0.0	0.0
RAD3152 315 ->NIC230 230*	18	0 0.0	0.0
RAD3152 315 ->SANDY PD 345*	19	1 -750.0	372.8
RAD3152 315 ->SANDY PD 345*	20	1 -750.0	372.8
CHAT G3 120* ->CHAT G 315	21	0 0.0	0.0
CHAT G4 120* ->CHAT G2 315	22	0 0.0	0.0
MADAWANB 345 ->MADAWA 315*	24	0 0.0	0.0
EELDC2NB34.5 ->EEL34A 34.5*	25	0 0.0	0.0
OTAWE 81 315 ->OTAWE220 220*	27	0 0.0	0.0
OTAWE 81 315 ->OTAWE220 220*	28	0 0.0	0.0
OTAWE220 220 ->OTAWE 81 315*	37	0 0.0	0.0
OTAWE220 220 ->OTAWE 81 315*	38	0 0.0	0.0

LBMP ZONE REPORT

	ZONE NAME	LOAD MW	MVAR	PF	LOSS MW	MVAR	GEN MW	MVAR	INT MW	MVAR
1	WEST	2516.	1048.	0.9230	82.	1194.	4559.	1135.	1960.	-226.
2	GENESEE	1729.	547.	0.9533	64.	467.	605.	-4.	-1188.	220.
3	CENTRAL	2756.	1237.	0.9123	161.	2131.	5288.	1307.	2370.	-481.
4	NORTH	680.	247.	0.9399	17.	264.	1200.	76.	503.	-68.
5	MOHAWK	1075.	372.	0.9451	185.	2329.	675.	22.	-585.	6.
6	CAPITAL	2078.	803.	0.9328	78.	839.	2035.	983.	-120.	724.
7	HUDSON	2372.	729.	0.9559	112.	1644.	3217.	1293.	734.	111.
8	MILLWOOD	723.	281.	0.9324	43.	958.	2014.	794.	1247.	292.
9	DUNWOODI	1440.	679.	0.9044	37.	1121.	3.	0.	-1474.	56.
10	NYC	11469.	5432.	0.9038	135.	4471.	7716.	3422.	-3889.	-514.
11	L ISLAND	5324.	1878.	0.9430	79.	1168.	3483.	763.	-1920.	482.
	TOTALS	32162.	13254.		994.	16588.	30795.	9790.	-2363.	603.

LBMP SUBZONE REPORT

LBMP SUBZONE NAME		LOAD MW	MVAR	PF	LOSS MW	MVAR
NMPC WES	1	1573.2	670.6	0.9199	59.2	785.3
NMPC CEN	2	1588.0	713.7	0.9121	79.5	1262.4
NMPC MVN	3	749.9	216.1	0.9609	178.2	2295.9

NMPC EAS	4	1960.7	751.6	0.9337	74.3	822.3
NYSEG WE	5	499.7	236.9	0.9036	19.5	241.9
NYSEG CE	6	1094.9	488.3	0.9133	81.2	869.4
NYSEG EA	7	260.4	125.0	0.9014	6.8	33.6
NYSEG HU	8	15.7	6.4	0.9262	0.0	0.0
RG&E	9	1429.6	451.6	0.9536	29.3	344.1
CENT HUD	10	1246.1	348.0	0.9631	81.0	1060.9
O&R	11	1109.8	374.7	0.9475	18.1	222.9
LIPA	12	5301.0	1867.8	0.9432	79.7	1146.0
NYPA WES	13	442.7	140.9	0.9529	3.6	167.4
NYPA NOR	14	510.9	187.2	0.9390	5.5	121.9
CON ED C	15	11439.2	5408.2	0.9041	135.3	4465.0
NYPA B	16	37.2	18.0	0.9000	0.7	1.6
NYPA C	17	73.1	35.4	0.9000	0.0	0.0
NYPA E	18	60.0	28.9	0.9009	0.0	0.0
NYSEG NO	19	101.3	43.1	0.9201	2.4	32.9
NYPA F	20	20.3	9.9	0.8999	0.0	0.1
NYSEG ME	21	96.5	41.1	0.9200	3.5	16.9
NYPA H	22	33.5	19.8	0.8609	3.1	150.4
CON ED N	23	298.7	141.7	0.9036	30.1	690.6
NYPA I	24	0.0	0.0		0.0	0.0
CON ED C	25	1440.0	679.3	0.9044	36.2	1117.9
NYPA J	26	30.1	24.1	0.7809	0.0	6.4
NYPA K	27	23.0	10.3	0.9128	0.5	25.0
NYPA G	28	0.0	0.0		0.0	0.0
NMPC GNS	29	262.1	77.9	0.9586	34.3	120.3
NYSEG BR	30	391.2	119.1	0.9567	10.2	117.3
NMPC NTH	31	68.1	16.8	0.9710	9.0	109.3
CE UPNY	32	0.0	0.0		12.4	360.1
CENT H C	33	4.7	1.7	0.9396	0.0	0.0
	34	0.0	0.0		0.0	0.0

SUBSYSTEM LOAD & LOSS MW 32161.9 993.7

OWNER REPORT

OWNER NAME		LOAD MW	MVAR	PF	LOSS MW	MVAR
CENT HUD	1	1250.8	349.7	0.9631	33.7	460.1
CONED	2	13178.0	6229.2	0.9041	202.2	6237.4
LIPA	3	5324.0	1878.1	0.9430	77.1	1180.1
NYSEG	4	2401.7	1031.8	0.9188	128.2	1487.1
NIMO	5	5993.1	2338.0	0.9316	334.2	3469.4
O&R	6	1109.8	374.7	0.9475	21.3	382.6
NYPA	7	1475.0	601.0	0.9261	169.4	3096.7
RGE	8	1429.6	451.6	0.9536	28.4	329.5

SUBSYSTEM LOAD & LOSS MW 32161.9 994.6

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CASE :CEII 2005 FERC FORM NO. 715, 2008 SUM PK V3
      2005 SUMMER PEAK, LEVEL 5 (04/01/05)
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STATION VOLTAGES

BOWLINE1 345 = 353.6	BOWLINE2 345 = 353.6	BUCH S 345 = 350.0
CLAY 345 = 358.1	COOPC345 345 = 352.3	DUNWODIE 345 = 348.9
EDIC 345 = 352.1	FARRAGUT 345 = 357.2	FRASR345 345 = 356.7
GRDNVL2 230 = 228.6	GILB 345 345 = 358.6	GOTHLS N 345 = 362.2
GOWANUSN 345 = 361.0	LADENTWN 345 = 352.2	LEEDS 3 345 = 355.2
MARCY T1 345 = 352.5	MILLWOOD 345 = 347.9	N.SCOT77 345 = 356.1
N.SCOT99 345 = 356.1	NIAGAR2E 230 = 234.6	NIAGAR2W 230 = 234.6
NIAG 345 345 = 357.3	NRTHPRT1 138 = 142.9	OAKDL345 345 = 354.7
PANNELL3 345 = 358.6	PLTVLLEY 345 = 348.0	RAINEY 345 = 358.8
RAMAPO 345 = 350.7	RAMAPO 5 500 = 509.2	ROCK TAV 345 = 351.9
ROSETON 345 = 354.1	KINTI345 345 = 358.8	SPRBROOK 345 = 348.9
ROCH 345 345 = 358.0	MOSES W 230 = 237.1	WATRC230 230 = 233.2
CHA-NY 765 = 759.6	MARCY765 765 = 782.0	MASS 765 765 = 767.2
FISHKILL 345 = 350.5	HURLEY 3 345 = 353.6	SHORE RD 345 = 347.2
VOLNEY 345 = 361.1	WATRC345 345 = 345.2	DUNKIRK 230 = 239.2
MEYER230 230 = 228.3	OAKDL230 230 = 225.2	ROTRDM.2 230 = 231.8
CHANY2 120 = 124.9	CHANY1 120 = 124.9	ALB3 115 = 119.0
BATH 115 115 = 116.6	BORDR115 115 = 115.8	CLAY 115 = 113.6
DELHI115 115 = 117.9	E.NOR115 115 = 117.7	FALCONER 115 = 115.2
GOUDY115 115 = 113.0	MEYER115 115 = 116.8	MOS 115 115 = 120.9*
NIAG115E 115 = 118.4	NIAG115W 115 = 118.4	N.WAV115 115 = 115.0
OAKDL115 115 = 112.7	PLAT T#3 115 = 118.6	PL.VAL 1 115 = 117.3
PORTER 1 115 = 118.9	ROCK TV1 115 = 117.2	RTRDM1 115 = 115.1
SHENANDO 115 = 117.1	S82-1115 115 = 117.0	

GENERATOR/SVC QUANTITIES

GENERATOR	MW	PMAX	PMIN	MVAR	QMAX	QMIN	VSCHED	VTBUS
GILBOA#117.0	250.0	250.0	0.0	90.0	90.0	-30.0	1.0300	1.0267
GILBOA#217.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0000	0.9907
GILBOA#317.0	250.0	250.0	0.0	90.0	90.0	-30.0	1.0300	1.0265
GILBOA#417.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0000	0.9907
9M PT 1G23.0	626.0	626.0	300.0	105.8	340.0	0.0	1.0500	1.0234
9M PT 2G25.0	1212.0	1212.0	700.0	196.7	360.0	50.0	1.0500	0.9962
OSWGO 5G22.0	576.4	881.0	250.0	150.0	340.0	-240.0	1.0500	1.0018
OSWGO 6G22.0	200.0	881.0	200.0	150.0	330.0	-270.0	1.0500	1.0024
JAFITZ1G24.0	848.8	848.8	230.0	211.6	375.0	-300.0	1.0500	0.9961
SITH-G1 18.0	115.0	170.0	0.0	23.9	126.9	-80.0	1.0500	0.9861
SITH-G2 18.0	115.0	170.0	0.0	23.9	126.9	-80.0	1.0500	0.9861
SITH-G3 18.0	115.0	170.0	0.0	23.9	126.9	-80.0	1.0500	0.9861
SITH-G4 18.0	115.0	170.0	0.0	23.9	126.9	-80.0	1.0500	0.9861
SITH-S5 18.0	160.0	220.6	0.0	23.9	104.7	-75.0	1.0500	0.9817
SITH-S6 18.0	160.0	220.6	0.0	23.9	104.7	-75.0	1.0500	0.9817
ROSE GN124.0	696.8*	610.0	150.0	310.0	310.0	-106.0	1.0300	1.0330
ROSE GN224.0	610.0	610.0	150.0	190.0	190.0	-57.0	1.0300	1.0092
BOW1 20.0	592.0	592.0	150.0	290.4	384.0	-100.0	1.0250	1.0487
BOW2 20.0	592.0	592.0	150.0	325.9	380.0	-100.0	1.0250	1.0553
IND PT 222.0	958.8	1078.0	314.0	550.0	550.0	-300.0	1.0400	1.0379
IP#3 GEN22.0	1080.0	1080.0	314.0	225.0	225.0	-100.0	1.0300	0.9800
RAV 3 22.0	972.0	972.0	386.0	408.5	792.4	-265.7	1.0400	1.0065
	0.0	0.0	0.0	0.0	0.0	0.0	0.0000	0.0000
KINTIG2424.0	417.2	709.0	197.0	28.6	275.0	-100.0	1.0400	1.0199
GINNA 1919.0	601.1	610.1	50.0	-8.9	261.4	-139.9	1.0522	1.0235
NIAG. 8 13.8	200.0	215.0	0.0	10.9	69.8	-28.0	1.0200	0.9868
NIAG. 1113.8	200.0	215.0	0.0	10.9	69.8	-28.0	1.0200	0.9857
MOS17-1813.8	102.8	114.0	0.0	9.9	44.0	-36.0	1.0200	1.0200
MOS29-3013.8	114.0	114.0	0.0	17.5	44.0	-36.0	1.0200	1.0200
DUNKGEN313.8	197.0	197.0	50.0	80.7	120.0	0.0	1.0400	0.9829
DUNKGEN413.8	191.0	191.0	50.0	80.7	120.0	0.0	1.0400	0.9833
HNTLY67G13.8	191.4	191.4	50.0	100.0	100.0	0.0	1.0260	0.9891
HNTLY68G13.8	190.6	190.6	50.0	100.0	100.0	0.0	1.0260	0.9897
FRASVC1818.2	0.0	0.0	0.0	115.5	325.0	-300.0	1.0338	1.0914
LEEDS 3 345	0.0	0.0	0.0	104.6	270.0	-300.0	1.0295	1.0295
USTATCOM 345	0.0*	0.0	0.0	135.5	204.3	-204.3	0.0000	1.0217
CHAT G3 120	0.0	0.0	0.0	-99.1	166.2	-99.1	1.0250	1.0328
CHAT G4 120	0.0	0.0	0.0	-99.1	83.1	-99.1	1.0250	1.0328

GENERATOR COMPLEX REPORT

GEN COMPLEX	ON	OFF	MW	SPRES	PMAX	PMIN	MVAR	REMVAR	QMAX	QMIN

AREA-1-FRONTIER	62	8	4686.	507.	5924.	662.	1136.	906.	2338.	-869.
AREA-2-GENESSEE	5	12	673.	9.	824.	78.	-6.	299.	351.	-173.
AREA-3-SYRACUSE	63	3	5433.	1399.	7000.	1971.	1339.	1739.	3105.	-1365.
AREA-4-ADIRONDK	52	2	1206.	19.	1305.	234.	58.	816.	899.	-456.
AREA-5-UTICA	128	9	679.	55.	952.	0.	137.	458.	672.	-587.
AREA-6-CAPITAL	74	16	2144.	607.	4135.	45.	1173.	426.	2141.	-1431.
AREA-7-MIDHUDSN	27	11	3030.	-10.	3539.	968.	1325.	188.	1850.	-590.
AREA-8-MILLWOOD	5	0	2095.	119.	2215.	628.	811.	0.	811.	-424.
AREA-9-SPR	1	0	3.	0.	3.	0.	0.	0.	0.	0.
AREA-10-NYC_ZON	86	7	8230.	610.	9350.	2717.	3223.	3167.	6777.	-3743.
AREA-11-L-ISLAN	54	36	3498.	441.	5526.	1000.	866.	672.	1877.	-1568.
AREA-31-PSEG	64	20	7435.	324.	9988.	5560.	1596.	1814.	4568.	-2007.
OSWEGO-GENERATI	11	0	4243.	1327.	5570.	1680.	958.	1504.	2462.	-1230.
NIAGARA-GENERAT	24	1	2700.	180.	3095.	0.	457.	498.	1025.	-539.
ST.LAWRENCE-GEN	18	0	901.	11.	912.	0.	48.	604.	652.	-348.
GILBOA-GENERATI	2	2	500.	0.	1000.	0.	180.	0.	360.	-120.
HUNTLEY-GENERAT	4	4	382.	0.	722.	185.	200.	0.	375.	0.
DUNKIRK-GENERAT	6	0	558.	0.	558.	140.	243.	97.	340.	0.
ROSETON-GENERAT	2	0	1307.*	-87.	1220.	300.	500.	0.	500.	-163.
BETHLEHEM-GENER	4	0	540.	250.	790.	45.	412.	148.	560.	-290.
ATHENS-GENERATI	4	2	470.	250.	1080.	0.	330.	0.	495.	-495.
COGENTECH-GENER	8	0	645.	0.	645.	0.	-142.	542.	400.	-160.
SCSASTORIA-GENE	3	0	450.	150.	600.	120.	191.	167.	358.	-217.
POLEXPANS-GENER	3	0	638.	0.	638.	0.	327.	27.	354.	-354.
DANSKAM-GENERAT	2	0	309.	70.	379.	150.	118.	20.	138.	-48.
HOMER-CITY-GENE	3	0	1884.	0.	1884.	900.	336.	612.	948.	-393.
NORTHFIELD-GENE	3	1	750.	60.	1080.	-1000.	155.	85.	320.	-160.
BRUCE-GENERATIO	6	2	4460.	356.	6272.	0.	1561.	1169.	3380.	-2540.

INTERFACE FLOW REPORT

DESCRIPTION	MW	MVAR	DESCRIPTION	MW	MVAR
DYSINGER-EAST	1811.1	-152.5	DYSINGER-EAST-(C)	2611.4	-78.3
WEST-CENTRAL	645.3	36.8	WEST-CENTRAL-(C)	1445.5	111.0
VOLNEY-EAST	3409.5	-104.1	VOLNEY-EAST-(C)	3943.0	-141.4
MOSES-SOUTH	1569.8	-403.0	MOSES-SOUTH-(C)	1687.6	-408.9
CENTRAL-EAST	2597.7	-625.0	TOTAL-EAST	5053.6	-812.6
UPNY-SENY	4668.9	270.7	UPNY-SENY-(C)	5192.4	35.7
UPNY-CONED	3646.5	-187.9	UPNY-CONED-(C)	5677.1	-90.4
MILLWOOD-SOUTH	6391.5	51.1	LIPA-IMPORT	2000.4	-76.0
DUNWOODIE-SOUTH	3461.9	-606.0	DUNWOODIE-SOUTH-(C)	5492.5	-508.5
CONED-CABLE-INT-(C)	3492.1	-432.4	A-B-C-J-K-PAR-IMBAL	-19.0	-49.8
NIAGARA-TIE	-66.3	66.2	CEDARS-IMPORT	0.0	4.8
PJM-NY	606.2	39.1	NE-NY	171.7	56.6
ON-NY	-67.0	64.3	ONTARIO-MICHIGAN	67.3	19.8
CONED-345	1588.3	-476.9	CONED-138	899.9	-59.4
Y49-Y50	1267.1	-57.5	138-POCKET	1143.9	0.4
AST-POCKET	912.9	86.5	GRNWD-POCKET	688.2	-86.3
STAT-POCKET	365.0	84.6	E13-POCKET	956.4	428.3
W49-POCKET	2169.1	148.9	EVIEW-POCKET	739.2	318.0
DUNSO-POCKET	131.9	98.1	DUNNO-POCKET	105.5	-43.7
ON-MAN-MIN	0.2	-42.8	VOLT-TE#3	4270.4	-467.6
EAST OF HOLBROOK	-203.2	-12.6	NEWBRIDGE EAST	-1.0	-197.3
AR-3-BULK-XFMRS	1561.6	182.4	AR-4-BULK-XFMRS	-144.8	146.7
AR-5-BULK-XFMRS	2014.9	-89.8	AR-6-BULK-XFMRS	1082.1	9.4
AR-7-BULK-XFMRS	1632.7	558.8	AR-8-BULK-XFMRS	494.8	187.8
AR-3-4-5-6-7-8X	6641.2	995.2	CONED-CABLE-INT	2488.3	-536.3

SHUNT REPORT

SHNTNAME	SHACT (-ind,+cap)	SHTOT	SHNTNAME	SHACT (-ind,+cap)	SHTOT	SHNTNAME	SHACT (-ind,+cap)	SHTOT
MARCY T1 345	418.	400.	OAKDL345 345	0.	135.	N.SCOT77 345	144.	270.
N.SCOT99 345	144.	135.	LEEDS 3 345	0.	270.	EDIC 345	0.	200.
MOS 115 115	75.	68.	PORTER 1 115	61.	57.	MARCY765 765	-209.	-200.
MASS 765 765	-201.	-400.	FRASR345 345	150.	280.	COOPC345 345	292.	280.
ROCK TAV 345	281.	270.	FISHKILL 345	279.	270.	GILB 345 345	0.	135.
ROTRDM.2 230	171.	169.	ROCH 345 345	0.	135.	CLAY 115	49.	50.
MOS 115 115	75.	68.	DUNWODIE 345	0.	-150.	FARRGUT1 345	-64.	-60.
FARRGUT2 345	-64.	-60.	GOTHLS N 345	0.	-150.	GOTHLS S 345	-165.	-150.
GOWANUSN 345	-164.	-150.	GOWANUSS 345	0.	-150.	PL VILLE 345	0.	-20.
PL VILLW 345	0.	-20.	RAINEY 345	0.	-300.	SPRBROOK 345	0.	0.
REACBUS 345	-153.	-300.	EASTVIEW 138	-161.	-160.	E179 ST 138	0.	-150.
GRENWOOD 138	0.	-150.	REACM51 345	0.	-300.	REACM52 345	0.	-300.

GOETH 1313.6 -63. -140. SHORE RD 345 -152. -150. HMP HRBR 345 -154. -150.
EGC DUM 345 0. 0.

TRANSFORMER FLOW REPORT

TRANSFORMER	CNTL	MW	MVAR	PF	TAP	TAP RANGE
HURLEY 3 345 -HURLEY 1 115*	1	240.7	1.3	1.0000	0.9893	1.1607/0.9497
ROCK TAV 345 -ROCK TV1 115*	1	160.9	48.5	0.9574	1.0193	1.1831/0.9647
ROCK TAV 345 -ROCK TV1 115*	1	160.9	48.5	0.9574	1.0193	1.1831/0.9647
FISHKILL 345 -E FISH I 115*	1	133.9	70.2	0.8856*	0.9647*	1.1830/0.9647
PLTVLLEY 345 -PL.VAL 1 115*	1	84.6	118.4	0.5813*	0.9395	1.1173/0.9141
RAMAPO 5 500 -RAM PAR 345*	1	440.5	165.7	0.9360*	0.9750	1.1000/0.9000
BOWLINE2 345 -BOW138 138*	1	233.8	101.2	0.9178*	1.0062	1.0250/0.9000
	0	0.0	0.0	1.0000	0.0000*	0.0000/0.0000
BUCH N 345 -BUCHNTA5 138*	1	94.0	-10.8	0.9935	1.0299	1.1040/0.8670
DUNWODIE 345 -DUN NO 138*	1	243.7	45.0	0.9834	0.9926	1.1041/0.8670
DUNWODIE 345 -DUN SO 138*	1	255.7	117.7	0.9083*	0.9704	1.1041/0.8670
E VIEW1 345 -EASTVIEW 138*	1	187.2	108.9	0.8644*	0.9781	1.1041/0.8670
E VIEW2 345 -EASTVIEW 138*	1	184.7	87.6	0.9034*	0.9781	1.1041/0.8670
E VIEW3 345 -EASTVIEW 138*	1	184.1	87.3	0.9036*	0.9781	1.1041/0.8670
E VIEW4 345 -EASTVIEW 138*	1	184.1	87.3	0.9036*	0.9781	1.1041/0.8670
E15ST 45 345 -E13 ST 138*	1	162.8	78.2	0.9013*	0.9923	1.1041/0.8670
E15ST 45 345 -T14MPT 138	1	139.6	67.2	0.9010*	1.0000	1.5000/0.5100
E15ST 46 345 -E13 ST 138*	1	156.7	76.0	0.8997*	0.9923	1.1041/0.8670
E15ST 46 345 -T13MPT 138	1	145.5	69.6	0.9020*	1.0000	1.5000/0.5100
E15ST 47 345 -E13 ST 138*	1	163.5	79.3	0.8997*	0.9923	1.1041/0.8670
E15ST 47 345 -E RIVER 69.0*	1	-121.4	-20.7	-0.9858	1.0428	1.0870/0.8540
E15ST 48 345 -E13 ST 138*	1	165.0	79.0	0.9019*	0.9923	1.1041/0.8670
E15ST 48 345 -T11MPT 138	1	146.2	70.1	0.9018*	1.0000	1.5000/0.5100
FARRAGUT 345 -F/S38M11 138*	1	96.2	15.4	0.9874	1.0080	1.1040/0.8670
FARRAGUT 345 -F/S38M12 138*	1	96.2	15.0	0.9880	1.0077	1.1040/0.8670
FARRAGUT 345 -F/S38M13 138*	1	24.1	-14.6	0.8557*	1.0308	1.1040/0.8670
FARRAGUT 345 -F/S38M14 138*	1	96.6	14.7	0.9886	1.0077	1.1040/0.8670
FARRAGUT 345 -FGT/BRT1 138*	1	175.7	51.4	0.9598	0.9930	1.1040/0.8670
FARRAGUT 345 -FGT/BRT2 138*	1	175.0	50.6	0.9606	0.9930	1.1040/0.8670
FARRAGUT 345 -FGT/BRT3 138*	1	175.2	50.8	0.9605	0.9930	1.1040/0.8670
FARRAGUT 345 -FGT/BRT4 138*	1	175.5	51.1	0.9601	0.9930	1.1040/0.8670
FARRAGUT 345 -FGT/HAT1 138*	1	85.8	35.0	0.9260*	1.0004	1.1040/0.8670
FARRAGUT 345 -FGT/HAT2 138*	1	88.0	43.9	0.8947*	0.9781	1.1040/0.8670
FARRAGUT 345 -FGT/HAT3 138*	1	55.8	16.9	0.9570	1.0062	1.1040/0.8670
FARRAGUT 345 -FGT/HAT4 138*	1	55.4	16.5	0.9584	1.0061	1.1040/0.8670
FARRAGUT 345 -FGT/HAT5 138*	1	55.8	19.4	0.9448*	1.0001	1.1040/0.8670
FARRAGUT 345 -FGT/HAT6 138*	1	88.2	43.4	0.8973*	0.9818	1.1040/0.8670
FARRAGUT 345 -FGT/HAT7 138*	1	87.1	40.7	0.9061*	0.9877	1.1040/0.8670
FARRAGUT 345 -HAE TR1 138*	1	-66.3	-10.8	-0.9869	1.0367	1.1041/0.8670
FARRAGUT 345 -HAE TR3 138*	1	-66.0	-17.9	-0.9652	1.0441	1.1041/0.8670
FGT-HUD9 345 -F/S38M15 138*	1	86.8	17.4	0.9805	1.0078	1.1041/0.8670
FGT-HUD9 345 -HAE TR2 138*	1	-64.8	-9.2	-0.9900	1.0352	1.1041/0.8670
FR KILLS 345 -FRKILLR2 138*	1	210.5	29.5	0.9903	1.0162	1.0884/0.8900
FR KILLS 345 -FRKILLSR 138*	1	210.4	29.5	0.9903	1.0162	1.0884/0.8900
GOTHLS R 345 -GOETH T 230*	1	-200.1	80.8	-0.9273*	1.0201	1.0879/0.9540
GOWANUSN 345 -GOWNUS1T 138*	1	150.0	-14.0	0.9957	1.0440	1.1041/0.8670
GOWANUSS 345 -GOWNUS2T 138*	1	150.1	-10.8	0.9974	1.0443	1.1041/0.8670
MILLWOOD 345 -MLWD TA 138*	1	55.0	12.8	0.9740	0.9929	1.1040/0.8670
MILLWOOD 345 -MLWD TA 138*	1	53.7	12.5	0.9738	0.9929	1.1040/0.8670
PL VILLE 345 -PLTVILLE13.6*	1	40.7	-1.2	0.9995	1.0171	1.2186/0.9706
PL VILLW 345 -PLTVILLE13.6*	1	38.1	8.5	0.9763	1.0616	1.2353/0.9706
RAINEY 345 -RAINEY3W 138*	1	128.1	49.6	0.9326*	1.0000	1.1040/0.8670
RAINEY 345 -2E DUM 138*	1	132.8	35.1	0.9667	1.0000	1.0875/0.8545
RAINEY 345 -7E DUM 138*	1	111.2	55.6	0.8944*	1.0000	1.0875/0.8545
RAINEY 345 -7W DUM 138*	1	123.4	59.4	0.9012*	1.0000	1.0875/0.8545
RAINEY 345 -8E DUM 138*	1	-245.0	-27.6	-0.9937	1.0146	1.0875/0.8545
RAINEY 345 -8W DUM 138*	1	-179.1	49.6	-0.9637	1.0000	1.0875/0.8545
RAINEY 345 -9E DUM 138*	1	12.3	10.9	0.7484*	1.0000	1.1040/0.8670
RAMAPO 345 -RAMP138 138*	1	185.7	73.5	0.9297*	0.9875	1.1000/0.9000
RAMAPO 345 -RAMP138 138*	1	185.7	73.5	0.9297*	0.9875	1.1000/0.9000
SPRBROOK 345 -DUN NO T 138*	1	208.2	38.7	0.9832	0.9926	1.1041/0.8670
SPRBROOK 345 -DUN SO T 138*	1	218.9	80.4	0.9387*	0.9778	1.1041/0.8670
TREMONT 345 -PARK TR1 138*	1	171.4	47.6	0.9635	0.9781	1.1041/0.8670
TREMONT 345 -PARK TR2 138*	1	173.4	47.0	0.9653	0.9781	1.1041/0.8670
W 49 ST 345 -W49 ST 1 138*	1	241.2	124.7	0.8883*	0.9807	1.1040/0.8670
W 49 ST 345 -W49 ST 2 138*	1	167.4	77.1	0.9083*	0.9934	1.1040/0.8670
W 49 ST 345 -W49 ST 3 138*	1	243.3	132.0	0.8790*	0.9786	1.1040/0.8670
W 49 ST 345 -W49 ST 4 138*	1	278.8	162.9	0.8634*	0.9687	1.1040/0.8670
W 49 ST 345 -W49 ST 5 138*	1	277.3	155.2	0.8726*	0.9734	1.1040/0.8670
GOETH T 230 -GOETHALS 230	1	-200.2	13.2	-0.9978	1.0000	1.5000/0.5100

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S. BRONX 345  -SBNXT1   138* 1    60.6    -2.5  0.9992   1.0296   1.1040/0.8670
S. BRONX 345  -SBNXT2   138* 1    60.6    -2.5  0.9992   1.0296   1.1040/0.8670
S. BRONX 345  -SBNXT3   138* 1    60.6    -2.5  0.9992   1.0296   1.1040/0.8670
S. BRONX 345  -SBNXT4   138* 1    60.6    -2.5  0.9992   1.0296   1.1040/0.8670
GOETH T  230  -GOETH 1313.6  1     0.1    67.1  0.0018*  1.0000   1.5000/0.5100
                             0     0.0     0.0  1.0000   0.0000*  0.0000/0.0000
                             0     0.0     0.0  1.0000   0.0000*  0.0000/0.0000
SHORE RD 345  -SHORE RD 138* 1   313.6    22.8  0.9974   0.9945   1.1200/0.8800
SHORE RD 345  -SHORE RD 138* 1   312.5    22.8  0.9974   0.9944   1.1200/0.8800
E.G.C.-1 345  -E.G.C.   138* 1   319.0    14.9  0.9989   0.9954   1.1200/0.8800
E.G.C.-2 345  -E.G.C.-2 138* 1   319.0    15.2  0.9989   0.9955   1.1200/0.8800
COOPC345 345  -COOPC115 115* 1    46.5    -1.1  0.9997   0.9875   1.1500/0.9500
COOPC345 345  -COOPC115 115* 1    46.9    -1.2  0.9997   0.9875   1.1500/0.9500
FRASVC1818.2  -FRASR345 345  1     0.0   115.5  0.0000*  1.0000   1.5000/0.5100
FRASR345 345  -FRASR115 115* 1    37.7    20.5  0.8789*  0.9925   1.1468/0.9474
OAKDL345 345  -OAK2M115 115  1   120.4   -63.2  0.8856*  1.0721   1.1478/0.9391
OAKDL345 345  -OAK3M115 115  1   106.4   -68.8  0.8397*  1.0721   1.1478/0.9391
STOLE345 345  -STOLE115 115* 1    52.5    49.7  0.7265*  1.0385   1.0769/0.9744
STOLE345 345  -STOLE115 115* 1    52.2    49.2  0.7273*  1.0385   1.0769/0.9744
WATRC345 345  -WATRC230 230* 1   140.8   116.7  0.7700*  0.9625   1.1000/0.9000
WOODA345 345  -WOODS115 115* 1   158.2    94.2  0.8593*  0.9125   1.0500/0.8500
WOODB345 345  -WOODS115 115* 1   134.0    87.5  0.8373*  0.9125   1.0500/0.8500
GARDV230 230  -GARDN M734.5  1    83.1    44.7  0.8807*  1.0000   1.0750/0.9250
GARDV230 230  -GARDN M634.5  1   100.1    58.6  0.8631*  1.0000   1.0750/0.9250
HILSD230 230  -HILSD M334.5  1    91.5   -63.0  0.8236*  1.0000   1.5000/0.5100
HILSD230 230  -HILSD M434.5  1    65.9   129.4  0.4535*  1.0000   1.5000/0.5100
MEYER230 230  -MEYER M434.5  1    79.6   -11.7  0.9893   1.0250*  1.0250/0.8750
OAKDL230 230  -OAKDL115 115  1    69.9    49.3  0.8175*  0.9785   1.5000/0.5100
ROBIN230 230  -ROBIN M134.5  1    50.1     9.9  0.9809   1.0187   1.1000/0.9000
DUNKIRK  230  -DUNKIRK1 115* 1    43.9    -8.7  0.9809   1.0270   1.0779/0.9341
DUNKIRK  230  -DUNKIRK1 115* 1    46.0    -9.7  0.9785   1.0272   1.0875/0.9422
DUNKIRK  230  -DUNKGEN313.8  1  -190.0   -52.6 -0.9637   1.0977   1.5000/0.5100
ELM-70   230  -ELMST23.23.0  1    48.3    26.1  0.8799*  1.1000*  1.1000/0.9000
ELM-71   230  -ELMST23.23.0  1    20.4    17.3  0.7632*  1.1000*  1.1000/0.9000
ELM-72   230  -ELMST23.23.0  1    20.3    17.2  0.7629*  1.1000*  1.1000/0.9000
GRDNVL2  230  -GRDNVL1  115* 1    98.9    41.8  0.9210*  0.9641   1.0302/0.8865
GRDNVL2  230  -GRDNVL1  115* 1    61.6    26.1  0.9210*  0.9641   1.0302/0.8865
GRDNVL2  230  -GRDNVL1  115* 1    62.3    26.3  0.9210*  0.9641   1.0302/0.8865
PACKARD2 230  -PACK(N)E 115* 1    26.3   -30.3  0.6547*  1.0182   1.0268/0.8899
PACKARD2 230  -PACK(S)W 115* 1   -40.0    19.9 -0.8955*  0.9840   1.0268/0.8899
SUNY-79  230  -SUNYAB2334.5  1    18.7     6.8  0.9406*  0.9700   1.5000/0.5100
SUNY-80  230  -SUNYAB2334.5  1    18.5     6.6  0.9412*  0.9700   1.5000/0.5100
CLAY     345  -CLAY     115* 1   143.8     4.1  0.9996   1.0500*  1.0540/1.0500
CLAY     345  -CLAY     115* 1   143.6     4.1  0.9996   1.0500*  1.0540/1.0500
DEWITT 3 345  -DEWITT 1 115* 1   215.9    73.4  0.9468*  1.0300*  1.0540/1.0300
ELBRIDGE 345  -ELBRIDGE 115* 1   173.1    33.5  0.9817   1.0300*  1.0540/1.0300
OSWEGO   345  -OSW 3&4  115* 1   205.7    54.3  0.9668   1.0002   1.0500/0.8630
SCRIBA   345  -SCRIBA   115  1     3.2     0.0  1.0000   1.0000   1.5000/0.5100
SCRIBA   345  -SCRIBA   115  1     3.2     0.0  1.0000   1.0000   1.5000/0.5100
KB-AD115 115  -ADRON B1 230  1     0.0     0.5  0.0000*  1.0250   1.5000/0.5100
EDIC     345  -PORTER 2 230  1   247.0   102.0  0.9243*  1.0000   1.5000/0.5100
EDIC     345  -PORTER 1 115* 1   149.7    -2.4  0.9999   0.9901   1.0540/0.8630
EDIC     345  -PORTER 1 115* 1   149.7    -2.4  0.9999   0.9901   1.0540/0.8630
PORTER 2 230  -PORTER 1 115* 1     2.7    58.4  0.0467*  0.9425   1.1000/0.9000
PORTER 2 230  -PORTER 1 115* 1     2.7    58.4  0.0467*  0.9425   1.1000/0.9000
N.SCOT77 345  -N.SCOT1  115* 1   151.3   -27.1  0.9843   1.0316   1.0543/0.8623
N.SCOT99 345  -N.SCOT1  115* 1   153.5   -27.0  0.9849   1.0316   1.0540/0.8620
REYNLD3  345  -REY. RD. 115* 1   204.3    28.7  0.9903   1.0088   1.0540/0.8620
ROTRDM.2 230  -RTRDM1   115* 1   210.5    34.8  0.9866   0.9943   1.0063/0.8145
ROTRDM.2 230  -RTRDM1   115* 1   199.5    -9.0  0.9990   1.0128   1.0500/0.8500
ROTRDM.2 230  -RTRDM1   115* 1   163.1    26.6  0.9869   0.9943   1.0063/0.8146
WHAV345  345  -WHAV138  138* 1   267.2   103.0  0.9331*  0.9938   1.0250/0.9000
SMAHWAH1 345  -SMAH138  138* 1   197.3   160.5  0.7757*  0.9600   1.0200/0.9000
N.M.TAP  345  -SHOEMTAP 138* 1   347.1   157.9  0.9102*  0.9510*  1.2500/0.9510
MARCY765 765  -MARCY T1 345* 1   722.7    -0.7  1.0000   1.0000   1.0606/0.8240
MARCY765 765  -MARCY T1 345* 1   612.1  -204.0  0.9487*  1.0192   1.1183/0.8687
MASS 765 765  -MASS230A 230  1   -72.9    28.2 -0.9327*  0.9665   1.5000/0.5100
MASS 765 765  -MASS230B 230  1   -72.9    28.2 -0.9327*  0.9665   1.5000/0.5100
NIAG 345 345* -NIAGAR2E 230  1  -162.4    38.9 -0.9725   0.9900   1.0500/0.9500
NIAG 345 345* -NIAGAR2E 230  1  -162.4    38.9 -0.9725   0.9900   1.0500/0.9500
NIAG 345 345* -NIAGAR2W 230  1  -322.9    77.2 -0.9726   0.9900   1.0400/0.9650
MOSES W  230  -MOS 115  115  1   -20.1     6.5 -0.9520   0.9790   1.5000/0.5100
MOSES W  230  -MOS 115  115  1   -19.8     6.4 -0.9521   0.9790   1.5000/0.5100
MOSES W  230  -MOS 115  115  1    -7.8     2.6 -0.9498*  0.9790   1.5000/0.5100
MOSES W  230  -MOS 115  115  1   -20.0     6.4 -0.9522   0.9790   1.5000/0.5100
NIAGAR2W 230  -NIAG115E 115  1    -2.0   -19.4 -0.1034*  1.0000   1.5000/0.5100
NIAGAR2W 230  -NIAG115W 115  1   -83.9    39.6 -0.9044*  1.0283   1.5000/0.5100
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PLAT T#1 230	-PLAT 115	115*	1	-0.2	-32.6	-0.0072*	0.9730*	1.1314/0.9730
PLAT T#4 230	-PLAT 115	115*	1	9.5	75.6	0.1240*	1.0607	1.1314/0.9730
WILLIS E 230	-WILL 115	115*	1	29.8	15.9	0.8824*	1.0297	1.1314/0.9730
WILLIS W 230	-WILL 115	115*	1	29.8	15.9	0.8823*	1.0297	1.1314/0.9730
ROCH 345 345	-S80 1TR	115*	1	128.9	-2.6	0.9998	1.0251	1.1001/0.9500
ROCH 345 345	-S80 2TR	115*	1	169.3	-28.7	0.9859	0.9629	1.0500/0.9500
ROCH 345 345	-S80 3TR	115*	1	128.5	-2.6	0.9998	1.0251	1.1001/0.9500
PANNELL3 345	-PANNELLI	115*	1	93.7	-9.7	0.9947	1.0187	1.0750/0.9250
PANNELL3 345	-PANNELLI	115*	1	93.7	-9.7	0.9947	1.0187	1.0750/0.9250

TRANSMISSION LINE FLOW REPORT

LINE		RATEA	RATEB	RATEC	MVA	MW	MVAR FROM	MVAR TO	MVAR NET
CHA-NY 765	-MASS 765 765	3975.	3975.	5300.	1241.	1200.	-316.	143.	-174.
MASS 765 765	-MARCY765 765	3975.	3975.	5300.	1401.	1343.	-400.	-4.	-405.
NORHR138 138	-NRTHPT P 138	466.	577.	1577.	112.	100.	-51.	-42.	-92.
HOMER CY 345	-WATRC345 345	755.	927.	0.	376.	375.	30.	5.	35.
BRANCHBG 500	-RAMAPO 5 500	1048.	1373.	0.	448.	442.	73.	-166.	-93.
STLAWR33 220	-STLAWL33 230	300.	498.	0.	0.	0.	0.	2.	1.
STLAWR34 230	-STLAWL34 230	300.	498.	0.	3.	0.	-3.	3.	0.
OAKDL345 345	-FRASR345 345	1255.	1380.	1380.	630.	628.	-41.	97.	55.
CLAY 345	-EDIC 345	1033.	1285.	1434.	581.	580.	32.	10.	42.
CLAY 345	-EDIC 345	1033.	1285.	1434.	583.	582.	32.	11.	43.
VOLNEY 345	-MARCY T1 345	1434.	1792.	1912.	729.	722.	98.	-15.	83.
JA FITZP 345	-EDIC 345	1434.	1434.	1912.	738.	733.	89.	21.	110.
MASS 765 765	-MARCY765 765	3975.	3975.	5300.	1401.	1343.	-400.	-4.	-405.
MOSES W 230	-ADRON B1 230	348.	359.	440.	148.	148.	-4.	6.	1.
MOSES W 230	-ADRON B2 230	348.	386.	440.	148.	148.	-4.	6.	1.
EDIC 345	-N.SCOT77 345	1331.	1528.	1724.	905.	905.	17.	244.	261.
PORTER 2 230	-ROTRDM.2 230	440.	505.	560.	259.	258.	-22.	74.	52.
PORTER 2 230	-ROTRDM.2 230	439.	505.	560.	266.	265.	-23.	77.	54.
MARCY T1 345	-N.SCOT99 345	1487.	1792.	1792.	995.	992.	75.	212.	288.
CTNY398 345	-PLTVLLEY 345	1195.	1386.	1685.	312.	-309.	44.	-45.	-1.
** LINE ERROR **		0.	0.	0.	0.	0.	0.	0.	0.
COOPC345 345	-N.M.TAP 345	1464.	1793.	1793.	791.	789.	56.	16.	71.
LEEDS 3 345	-HURLEY 3 345	1395.	1623.	1870.	700.	700.	-7.	47.	40.
LEEDS 3 345	-PLTVLLEY 345	1331.	1538.	1724.	1078.	1073.	95.	91.	187.
ATHENS 345	-PLTVLLEY 345	1331.	1538.	1724.	1038.	1034.	94.	81.	175.
SPRBROOK 345	-REACM51 345	774.	866.	1291.	416.	412.	-59.	114.	55.
SPRBROOK 345	-REACM52 345	774.	866.	1291.	416.	412.	-59.	114.	55.
REACM51 345	-W 49 ST 345	774.	866.	1291.	427.	412.	-114.	-232.	-346.
REACM52 345	-W 49 ST 345	774.	866.	1291.	427.	412.	-114.	-232.	-346.
DUNWODIE 345	-REAC71 345	715.	817.	1081.	390.	382.	-76.	124.	48.
DUNWODIE 345	-REAC72 345	715.	817.	1081.	390.	382.	-76.	124.	48.
** LINE ERROR **		0.	0.	0.	0.	0.	0.	0.	0.
** LINE ERROR **		0.	0.	0.	0.	0.	0.	0.	0.
REAC71 345	-S. BRONX 345	715.	817.	1081.	402.	382.	-124.	-75.	-200.
REAC72 345	-S. BRONX 345	715.	817.	1081.	402.	382.	-124.	-75.	-200.
S. BRONX 345	-RAINEY 345	715.	817.	1081.	273.	261.	80.	-160.	-79.
S. BRONX 345	-RAINEY 345	715.	817.	1081.	273.	261.	80.	-160.	-79.
** LINE ERROR **		0.	0.	0.	0.	0.	0.	0.	0.
SPRBROOK 345	-REACBUS 345	1243.	1386.	1530.	707.	643.	-294.	294.	0.
DUNWODIE 345	-SHORE RD 345	687.	962.	1512.	643.	628.	-135.	-197.	-332.

PAR FLOW AND ANGLE REPORT

PAR		MW	MVAR	ANGLE	ANGLE RANGE
LINDEN 230	-LIN SHF 230	200.3	-150.9	-5.7	25.0/-25.0
WALDWICK 230	-FAIRL SH 230	300.5	377.9	-22.7	35.0/-35.0
WALDWICK 230	-HAWTH SH 230	310.9	-31.2	-21.2	30.0/-30.0
WALDWICK 230	-HILLS SH 230	331.2	-81.6	-21.7	32.0/-32.0
STLAWR33 220	-STLAWL33 230	-0.1	-0.4	6.2	40.0/-40.0
STLAWR34 230	-STLAWL34 230	-0.1	-2.5	6.2	40.0/-40.0
FARRAGUT 345	-FARRGUT1 345	-401.3	42.1	-20.5	30.0/-30.0
FARRAGUT 345	-FARRGUT2 345	-401.2	40.7	-21.0	30.0/-30.0
GOTHLS N 345	-GOTHLS R 345	-199.9	90.7	-17.8	25.0/-25.0
RAM PAR 345	-RAMAPO 345	220.1	74.9	16.8	40.0/-40.0
RAM PAR 345	-RAMAPO 345	220.1	74.9	16.8	40.0/-40.0
CORONA-S 138	-CORONA1R 138	-3.8	10.8	3.6	25.0/-25.0
DUN NO 138	-DUN NO1R 138	67.1	2.8	-4.5	20.0/-20.0
DUN NO 138	-DUN NO2R 138	67.3	3.0	-4.5	20.0/-20.0
DUN SO 138	-DUN SO1R 138	63.5	0.9	-5.8	25.0/-25.0
DUN SO 138	-DUN SO1R 138	63.5	0.9	-5.8	25.0/-25.0

CORONA-N 138 -CORONA2R 138	-3.8	33.2	3.6	25.0/-25.0
FRKILLR2 138 -FR-KILLS 138	210.2	14.3	-7.3	25.0/-25.0
FRKILLSR 138 -FR-KILLS 138	210.1	13.6	-8.0	25.0/-25.0
GOWNUS1T 138 -GOWNUS1R 138	149.8	-25.8	-7.7	25.0/-25.0
GOWNUS2T 138 -GOWNUS2R 138	149.8	-22.2	-7.3	25.0/-25.0
ASTE-PAR 138 -ASTE-WRG 138	-229.9	1.1	8.7	25.0/-25.0
PARK TR1 138 -PARK1REG 138	173.1	32.1	-6.7	25.0/-25.0
PARK TR2 138 -PARK2REG 138	173.1	31.1	-6.8	25.0/-25.0
** LINE ERROR **	0.0	0.0	0.0*	0.0/ 0.0
** LINE ERROR **	0.0	0.0	0.0*	0.0/ 0.0
EGC PAR 345 -E.G.C.-1 345	319.1	33.5	3.4	25.0/-25.0
EGC PAR 345 -E.G.C.-2 345	319.1	33.9	3.5	25.0/-25.0
L SUCSPH 138 -L SUCS 138	-150.4	27.6	-6.5	25.0/-25.0
NRTHPT P 138 -NRTHPT1 138	100.2	41.6	-5.5	50.0/-50.0
V STRM P 138 -VLY STRM 138	-143.9	57.3	-7.2	25.0/-25.0
INGMS-CD 115 -INGHAM-E 115	119.9	-11.3	11.7	20.0/-20.0
PLAT 115 115 -PLAT T#3 115	0.0	0.0	19.4	40.0/-40.0

HVDC LINE FLOW REPORT

LINE NAME	MDC	MW	MVAR
COAL CR4 230 ->DICKNSN3 345*	1	1 -505.1	310.3
COAL CR4 230 ->DICKNSN3 345*	2	1 -505.1	310.3
SQBUTTE4 230* ->ARROWHD4 230	3	2 220.5	135.7
SQBUTTE4 230* ->ARROWHD4 230	4	2 220.5	135.7
RADSNDC6 138* ->DC5 JCT4 230	5	1 819.5	488.5
RADSNDC6 138* ->DC6 JCT4 230	6	1 819.5	488.9
HENDAY 4 230* ->DORSEY 4 230	7	1 931.0	579.3
HENDAY 4 230* ->DORSEY 4 230	8	1 931.0	579.3
MI CTYW4 230 ->MI CTYE4 230*	9	1 -32.0	65.6
SIDNEYW4 230 ->SIDNEY 4 230*	10	0 0.0	0.0
CHAT G 315 ->CHAT G3 120*	11	1 -383.7	246.5
CHAT G2 315 ->CHAT G4 120*	12	1 -383.7	246.5
HIGHGT 120 ->HIGHGATE 115*	13	1 -167.0	87.2
MADAWA 315 ->MADAWANB 345*	14	0 0.0	0.0
EEL34A 34.5 ->EELDC2NB34.5*	15	0 0.0	0.0
EEL34B 34.5 ->EELDC1NB34.5*	16	0 0.0	0.0
RAD3152 315 ->NIC230 230*	17	0 0.0	0.0
RAD3152 315 ->NIC230 230*	18	0 0.0	0.0
RAD3152 315 ->SANDY PD 345*	19	1 -750.0	372.9
RAD3152 315 ->SANDY PD 345*	20	1 -750.0	372.9
CHAT G3 120* ->CHAT G 315	21	0 0.0	0.0
CHAT G4 120* ->CHAT G2 315	22	0 0.0	0.0
MADAWANB 345 ->MADAWA 315*	24	0 0.0	0.0
EELDC2NB34.5 ->EEL34A 34.5*	25	0 0.0	0.0
OTAWE 81 315 ->OTAWE220 220*	27	0 0.0	0.0
OTAWE 81 315 ->OTAWE220 220*	28	0 0.0	0.0
OTAWE220 220 ->OTAWE 81 315*	37	0 0.0	0.0
OTAWE220 220 ->OTAWE 81 315*	38	0 0.0	0.0

LBMP ZONE REPORT

	ZONE NAME	LOAD MW	MVAR	PF	LOSS MW	MVAR	GEN MW	MVAR	INT MW	MVAR
1	WEST	2542.	1060.	0.9230	82.	1176.	4686.	1136.	2061.	-221.
2	GENESEE	1752.	555.	0.9534	59.	457.	673.	-6.	-1138.	227.
3	CENTRAL	2789.	1252.	0.9124	157.	2075.	5433.	1339.	2486.	-401.
4	NORTH	685.	249.	0.9398	17.	266.	1206.	58.	503.	-88.
5	MOHAWK	1091.	377.	0.9451	180.	2272.	679.	137.	-592.	-42.
6	CAPITAL	2107.	814.	0.9328	77.	840.	2144.	1173.	-40.	762.
7	HUDSON	2429.	746.	0.9559	111.	1678.	3030.	1325.	489.	-2.
8	MILLWOOD	740.	286.	0.9330	42.	945.	2095.	811.	1313.	317.
9	DUNWOODI	1473.	695.	0.9045	34.	985.	3.	0.	-1503.	179.
10	NYC	11586.	5445.	0.9050	133.	4409.	8230.	3223.	-3489.	-488.
11	L ISLAND	5414.	1910.	0.9430	86.	1252.	3498.	866.	-2002.	451.
	TOTALS	32608.	13387.		980.	16355.	31678.	10061.	-1913.	696.

LBMP SUBZONE REPORT

LBMP SUBZONE NAME		LOAD MW	MVAR	PF	LOSS MW	MVAR
NMPC WES	1	1593.1	679.0	0.9199	61.2	786.0
NMPC CEN	2	1606.1	721.1	0.9123	81.1	1298.1
NMPC MVN	3	761.1	219.3	0.9609	173.6	2238.7
NMPC EAS	4	1989.1	762.4	0.9338	73.8	822.0

NYSEG WE	5	505.7	239.7	0.9037	17.7	222.6
NYSEG CE	6	1109.1	494.6	0.9133	75.5	778.2
NYSEG EA	7	264.3	126.9	0.9014	6.5	33.0
NYSEG HU	8	16.0	6.5	0.9262	0.0	0.0
RG&E	9	1448.5	457.5	0.9536	30.0	352.9
CENT HUD	10	1277.5	356.8	0.9631	80.0	1058.0
O&R	11	1135.6	382.9	0.9476	18.7	227.2
LIPA	12	5390.6	1899.3	0.9432	86.7	1229.5
NYPA WES	13	442.9	141.0	0.9529	3.6	167.0
NYPA NOR	14	512.9	188.2	0.9388	5.6	123.2
CON ED C	15	11585.7	5445.1	0.9050	133.0	4400.7
NYPA B	16	37.7	18.3	0.9000	0.7	1.5
NYPA C	17	74.1	35.9	0.9000	0.0	0.0
NYPA E	18	60.9	29.4	0.9009	0.0	0.0
NYSEG NO	19	102.9	43.8	0.9201	2.4	33.1
NYPA F	20	20.4	9.9	0.8999	0.0	0.1
NYSEG ME	21	97.9	41.7	0.9200	3.7	17.6
NYPA H	22	33.5	19.8	0.8609	3.2	151.4
CON ED N	23	303.4	143.0	0.9046	28.5	669.1
NYPA I	24	0.0	0.0		0.0	0.0
CON ED C	25	1472.7	694.6	0.9045	32.6	982.1
NYPA J	26	0.0	0.0		0.0	8.1
NYPA K	27	23.4	10.5	0.9128	0.6	25.9
NYPA G	28	0.0	0.0		0.0	0.0
NMPC GNS	29	265.7	78.9	0.9586	28.7	101.9
NYSEG BR	30	403.5	122.8	0.9567	10.7	124.7
NMPC NTH	31	69.2	17.0	0.9710	9.2	109.7
CE UPNY	32	0.0	0.0		12.8	392.5
CENT H C	33	4.7	1.7	0.9396	0.0	0.0
	34	0.0	0.0		0.0	0.0

SUBSYSTEM LOAD & LOSS MW 32608.4 979.9

OWNER REPORT

OWNER NAME		LOAD MW	MVAR	PF	LOSS MW	MVAR
CENT HUD	1	1282.3	358.5	0.9631	34.5	480.5
CONED	2	13361.8	6282.7	0.9050	196.7	6072.7
LIPA	3	5414.0	1909.8	0.9430	84.1	1263.9
NYSEG	4	2440.6	1047.5	0.9189	121.0	1383.5
NIMO	5	6073.0	2367.9	0.9317	333.3	3501.7
O&R	6	1135.6	382.9	0.9476	21.7	414.1
NYPA	7	1452.7	580.7	0.9286	159.3	2942.3
RGE	8	1448.5	457.5	0.9536	30.0	347.9

SUBSYSTEM LOAD & LOSS MW 32608.4 980.5

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CASE :CEII 2005 FERC FORM NO. 715, 2009 SUM PK V6
      2005 SUMMER PEAK, LEVEL 5 (04/01/05)
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STATION VOLTAGES

BOWLINE1 345 = 353.6	BOWLINE2 345 = 353.6	BUCH S 345 = 349.2
CLAY 345 = 357.9	COOPC345 345 = 351.6	DUNWODIE 345 = 347.6
EDIC 345 = 352.1	FARRAGUT 345 = 357.0	FRASR345 345 = 356.7
GRDNVL2 230 = 228.4	GILB 345 345 = 358.5	GOTHLS N 345 = 362.1
GOWANUSN 345 = 360.9	LADENTWN 345 = 352.0	LEEDS 3 345 = 355.2
MARCY T1 345 = 352.5	MILLWOOD 345 = 346.8	N.SCOT77 345 = 355.9
N.SCOT99 345 = 356.0	NIAGAR2E 230 = 234.6	NIAGAR2W 230 = 234.6
NIAG 345 345 = 357.3	NRTHPRT1 138 = 142.8	OAKDL345 345 = 354.0
PANNELL3 345 = 358.3	PLTVLLEY 345 = 347.2	RAINEY 345 = 358.8
RAMAPO 345 = 350.6	RAMAPO 5 500 = 509.3	ROCK TAV 345 = 351.1
ROSETON 345 = 353.1	KINTI345 345 = 358.8	SPRBROOK 345 = 347.7
ROCH 345 345 = 357.6	MOSES W 230 = 237.1	WATRC230 230 = 232.5
CHA-NY 765 = 759.6	MARCY765 765 = 782.0	MASS 765 765 = 767.2
FISHKILL 345 = 349.4	HURLEY 3 345 = 353.1	SHORE RD 345 = 346.0
VOLNEY 345 = 361.1	WATRC345 345 = 344.2	DUNKIRK 230 = 239.2
MEYER230 230 = 227.7	OAKDL230 230 = 224.5	ROTRDM.2 230 = 231.6
CHANY2 120 = 124.9	CHANY1 120 = 124.9	ALB3 115 = 119.0
BATH 115 115 = 116.1	BORDR115 115 = 115.5	CLAY 115 = 113.4
DELHI115 115 = 117.8	E.NOR115 115 = 117.4	FALCONER 115 = 115.1
GOUDY115 115 = 112.7	MEYER115 115 = 116.5	MOS 115 115 = 120.9*
NIAG115E 115 = 118.4	NIAG115W 115 = 118.4	N.WAV115 115 = 114.6
OAKDL115 115 = 112.4	PLAT T#3 115 = 118.6	PL.VAL 1 115 = 117.0
PORTER 1 115 = 118.8	ROCK TV1 115 = 117.0	RTRDM1 115 = 115.0
SHENANDO 115 = 116.9	S82-1115 115 = 116.8	

GENERATOR/SVC QUANTITIES

GENERATOR	MW	PMAX	PMIN	MVAR	QMAX	QMIN	VSCHED	VTBUS
GILBOA#117.0	250.0	250.0	0.0	90.0	90.0	-30.0	1.0300	1.0265
GILBOA#217.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0000	0.9905
GILBOA#317.0	250.0	250.0	0.0	90.0	90.0	-30.0	1.0300	1.0263
GILBOA#417.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0000	0.9905
9M PT 1G23.0	626.0	626.0	300.0	109.4	340.0	0.0	1.0500	1.0238
9M PT 2G25.0	1212.0	1212.0	700.0	200.5	360.0	50.0	1.0500	0.9964
OSWGO 5G22.0	619.2	881.0	250.0	157.3	340.0	-240.0	1.0500	1.0023
OSWGO 6G22.0	200.0	881.0	200.0	157.3	330.0	-270.0	1.0500	1.0031
JAFITZ1G24.0	848.8	848.8	230.0	214.1	375.0	-300.0	1.0500	0.9964
SITH-G1 18.0	115.0	170.0	0.0	24.8	126.9	-80.0	1.0500	0.9865
SITH-G2 18.0	115.0	170.0	0.0	24.8	126.9	-80.0	1.0500	0.9865
SITH-G3 18.0	115.0	170.0	0.0	24.8	126.9	-80.0	1.0500	0.9865
SITH-G4 18.0	115.0	170.0	0.0	24.8	126.9	-80.0	1.0500	0.9865
SITH-S5 18.0	160.0	220.6	0.0	24.8	104.7	-75.0	1.0500	0.9821
SITH-S6 18.0	160.0	220.6	0.0	24.8	104.7	-75.0	1.0500	0.9821
ROSE GN124.0	757.1*	610.0	150.0	310.0	310.0	-106.0	1.0300	1.0284
ROSE GN224.0	610.0	610.0	150.0	190.0	190.0	-57.0	1.0300	1.0064
BOW1 20.0	592.0	592.0	150.0	253.5	384.0	-100.0	1.0250	1.0417
BOW2 20.0	592.0	592.0	150.0	279.8	380.0	-100.0	1.0250	1.0466
IND PT 222.0	978.6	1078.0	314.0	550.0	550.0	-300.0	1.0400	1.0359
IP#3 GEN22.0	1080.0	1080.0	314.0	225.0	225.0	-100.0	1.0300	0.9779
RAV 3 22.0	972.0	972.0	386.0	594.4	792.4	-265.7	1.0400	1.0294
	0.0	0.0	0.0	0.0	0.0	0.0	0.0000	0.0000
KINTIG2424.0	430.4	709.0	197.0	33.1	275.0	-100.0	1.0400	1.0201
GINNA 1919.0	603.2	610.1	50.0	-3.6	261.4	-139.9	1.0522	1.0241
NIAG. 8 13.8	200.0	215.0	0.0	11.2	69.8	-28.0	1.0200	0.9870
NIAG. 1113.8	200.0	215.0	0.0	11.2	69.8	-28.0	1.0200	0.9858
MOS17-1813.8	99.4	114.0	0.0	9.6	44.0	-36.0	1.0200	1.0200
MOS29-3013.8	114.0	114.0	0.0	17.5	44.0	-36.0	1.0200	1.0200
DUNKGEN313.8	197.0	197.0	50.0	81.5	120.0	0.0	1.0400	0.9833
DUNKGEN413.8	191.0	191.0	50.0	81.5	120.0	0.0	1.0400	0.9837
HNTLY67G13.8	191.4	191.4	50.0	100.0	100.0	0.0	1.0260	0.9888
HNTLY68G13.8	190.6	190.6	50.0	100.0	100.0	0.0	1.0260	0.9894
FRASVC1818.2	0.0	0.0	0.0	144.0	325.0	-300.0	1.0338	1.1048
LEEDS 3 345	0.0	0.0	0.0	156.5	270.0	-300.0	1.0295	1.0295
USTATCOM 345	0.0*	0.0	0.0	165.3	204.3	-204.3	0.0000	1.0217
CHAT G3 120	0.0	0.0	0.0	-99.1	166.2	-99.1	1.0250	1.0328
CHAT G4 120	0.0	0.0	0.0	-99.1	83.1	-99.1	1.0250	1.0328

GENERATOR COMPLEX REPORT

GEN COMPLEX	ON	OFF	MW	SPRES	PMAX	PMIN	MVAR	REMVAR	QMAX	QMIN
AREA-1-FRONTIER	62	8	4699.	493.	5924.	662.	1151.	890.	2338.	-869.
AREA-2-GENESSEE	5	12	675.	7.	824.	78.	0.	293.	351.	-173.
AREA-3-SYRACUSE	63	3	5476.	1356.	7000.	1971.	1377.	1701.	3105.	-1365.
AREA-4-ADIRONDK	52	2	1202.	23.	1305.	234.	56.	818.	899.	-456.
AREA-5-UTICA	128	9	678.	57.	952.	0.	168.	427.	672.	-587.
AREA-6-CAPITAL	74	16	2167.	584.	4135.	45.	1246.	353.	2141.	-1431.
AREA-7-MIDHUDSN	27	11	3090.	-70.	3539.	968.	1265.	248.	1850.	-590.
AREA-8-MILLWOOD	5	0	2115.	99.	2215.	628.	811.	0.	811.	-424.
AREA-9-SPR	1	0	3.	0.	3.	0.	0.	0.	0.	0.
AREA-10-NYC_ZON	86	7	8444.	396.	9350.	2717.	3671.	2718.	6777.	-3743.
AREA-11-L-ISLAN	54	36	3581.	359.	5526.	1000.	912.	626.	1877.	-1568.
AREA-31-PSEG	64	20	7439.	319.	9988.	5560.	1598.	1811.	4568.	-2007.
OSWEGO-GENERATI	11	0	4286.	1284.	5570.	1680.	987.	1475.	2462.	-1230.
NIAGARA-GENERAT	24	1	2700.	180.	3095.	0.	465.	490.	1025.	-539.
ST.LAWRENCE-GEN	18	0	897.	15.	912.	0.	47.	605.	652.	-348.
GILBOA-GENERATI	2	2	500.	0.	1000.	0.	180.	0.	360.	-120.
HUNTLEY-GENERAT	4	4	382.	0.	722.	185.	200.	0.	375.	0.
DUNKIRK-GENERAT	6	0	558.	0.	558.	140.	244.	96.	340.	0.
ROSETON-GENERAT	2	0	1367.*	-147.	1220.	300.	500.	0.	500.	-163.
BETHLEHEM-GENER	4	0	540.	250.	790.	45.	426.	134.	560.	-290.
ATHENS-GENERATI	4	2	470.	250.	1080.	0.	330.	0.	495.	-495.
COGENTECH-GENER	8	0	645.	0.	645.	0.	-142.	542.	400.	-160.
SCSASTORIA-GENE	3	0	450.	150.	600.	120.	202.	156.	358.	-217.
POLEXPANS-GENER	3	0	638.	0.	638.	0.	327.	27.	354.	-354.
DANSKAM-GENERAT	2	0	309.	70.	379.	150.	138.	0.	138.	-48.
HOMER-CITY-GENE	3	0	1884.	0.	1884.	900.	341.	608.	948.	-393.
NORTHFIELD-GENE	3	1	750.	60.	1080.	-1000.	156.	84.	320.	-160.
BRUCE-GENERATIO	6	2	4460.	356.	6272.	0.	1564.	1166.	3380.	-2540.

INTERFACE FLOW REPORT

DESCRIPTION	MW	MVAR	DESCRIPTION	MW	MVAR
DYSINGER-EAST	1836.5	-145.2	DYSINGER-EAST-(C)	2655.6	10.1
WEST-CENTRAL	670.6	38.5	WEST-CENTRAL-(C)	1489.6	193.7
VOLNEY-EAST	3456.8	-121.0	VOLNEY-EAST-(C)	3987.2	-83.6
MOSES-SOUTH	1569.3	-402.2	MOSES-SOUTH-(C)	1687.2	-408.6
CENTRAL-EAST	2618.8	-631.0	TOTAL-EAST	5094.5	-745.0
UPNY-SENY	4714.6	317.3	UPNY-SENY-(C)	5234.7	160.1
UPNY-CONED	3692.7	-97.5	UPNY-CONED-(C)	5718.9	10.2
MILLWOOD-SOUTH	6430.8	104.8	LIPA-IMPORT	1998.9	-72.3
DUNWOODIE-SOUTH	3461.7	-623.3	DUNWOODIE-SOUTH-(C)	5487.8	-515.5
CONED-CABLE-INT-(C)	3488.9	-443.2	A-B-C-J-K-PAR-IMBAL	-21.9	-43.9
NIAGARA-TIE	-53.0	71.0	CEDARS-IMPORT	0.0	4.9
PJM-NY	637.7	120.1	NE-NY	172.2	71.1
ON-NY	-53.8	69.6	ONTARIO-MICHIGAN	53.7	21.0
CONED-345	1581.8	-510.8	CONED-138	907.2	-41.7
Y49-Y50	1260.7	-53.9	138-POCKET	1136.8	154.1
AST-POCKET	863.4	113.1	GRNWD-POCKET	715.7	14.7
STAT-POCKET	329.4	-78.7	E13-POCKET	982.6	454.7
W49-POCKET	2216.3	209.8	EVIEW-POCKET	761.0	339.4
DUNSO-POCKET	137.6	106.8	DUNNO-POCKET	110.7	-52.3
ON-MAN-MIN	0.3	-42.8	VOLT-TE#3	4312.9	-466.9
EAST OF HOLBROOK	-137.4	-20.6	NEWBRIDGE EAST	-22.4	-198.4
AR-3-BULK-XFMRS	1584.2	197.0	AR-4-BULK-XFMRS	-147.5	146.5
AR-5-BULK-XFMRS	2018.2	-86.8	AR-6-BULK-XFMRS	1085.5	11.9
AR-7-BULK-XFMRS	1670.0	471.6	AR-8-BULK-XFMRS	511.2	203.2
AR-3-4-5-6-7-8X	6721.5	943.4	CONED-CABLE-INT	2488.9	-552.5

SHUNT REPORT

SHNTNAME	SHACT (-ind,+cap)	SHTOT	SHNTNAME	SHACT (-ind,+cap)	SHTOT	SHNTNAME	SHACT (-ind,+cap)	SHTOT
MARCY T1 345	418.	400.	OAKDL345 345	0.	135.	N.SCOT77 345	144.	270.
N.SCOT99 345	144.	135.	LEEDS 3 345	0.	270.	EDIC 345	0.	200.
MOS 115 115	75.	68.	PORTER 1 115	61.	57.	MARCY765 765	-209.	-200.
MASS 765 765	-201.	-400.	FRASR345 345	150.	280.	COOPC345 345	291.	280.
ROCK TAV 345	280.	270.	FISHKILL 345	277.	270.	GILB 345 345	0.	135.
ROTRDM.2 230	171.	169.	ROCH 345 345	0.	135.	CLAY 115	49.	50.
MOS 115 115	75.	68.	DUNWODIE 345	0.	-150.	FARRGUT1 345	-64.	-60.
FARRGUT2 345	-64.	-60.	GOTHLS N 345	0.	-150.	GOTHLS S 345	-165.	-150.
GOWANUSN 345	-164.	-150.	GOWANUSS 345	0.	-150.	PL VILLE 345	0.	-20.
PL VILLW 345	0.	-20.	RAINEY 345	0.	-300.	SPRBROOK 345	0.	0.
REACBUS 345	-152.	-300.	EASTVIEW 138	-162.	-160.	E179 ST 138	0.	-150.

GRENWOOD 138 -78. -150. REACM51 345   0. -300. REACM52 345   0. -300.
GOETH 1313.6 -63. -140. SHORE RD 345 -151. -150. HMP HRBR 345 -153. -150.
EGC DUM 345   0.   0.

TRANSFORMER FLOW REPORT

TRANSFORMER	CNTL	MW	MVAR	PF	TAP	TAP RANGE
HURLEY 3 345 -HURLEY 1 115*	1	247.4	3.6	0.9999	0.9893	1.1607/0.9497
ROCK TAV 345 -ROCK TV1 115*	1	165.6	48.5	0.9597	1.0193	1.1831/0.9647
ROCK TAV 345 -ROCK TV1 115*	1	165.6	48.5	0.9597	1.0193	1.1831/0.9647
FISHKILL 345 -E FISH I 115*	1	141.5	68.4	0.9002*	0.9647*	1.1830/0.9647
PLTVLLEY 345 -PL.VAL 1 115*	1	90.2	117.4	0.6092*	0.9395	1.1173/0.9141
RAMAPO 5 500 -RAM PAR 345*	1	440.2	165.5	0.9360*	0.9750	1.1000/0.9000
BOWLINE2 345 -BOW138 138*	1	239.6	44.0	0.9836	0.9937	1.0250/0.9000
	0	0.0	0.0	1.0000	0.0000*	0.0000/0.0000
BUCH N 345 -BUCHNTA5 138*	1	97.1	-7.4	0.9971	1.0299	1.1040/0.8670
DUNWODIE 345 -DUN NO 138*	1	246.2	46.8	0.9824	0.9926	1.1041/0.8670
DUNWODIE 345 -DUN SO 138*	1	261.5	124.5	0.9029*	0.9704	1.1041/0.8670
E VIEW1 345 -EASTVIEW 138*	1	193.1	115.7	0.8578*	0.9707	1.1041/0.8670
E VIEW2 345 -EASTVIEW 138*	1	190.0	93.6	0.8969*	0.9707	1.1041/0.8670
E VIEW3 345 -EASTVIEW 138*	1	189.4	93.3	0.8971*	0.9707	1.1041/0.8670
E VIEW4 345 -EASTVIEW 138*	1	189.4	93.3	0.8971*	0.9707	1.1041/0.8670
E15ST 45 345 -E13 ST 138*	1	165.9	82.0	0.8964*	0.9923	1.1041/0.8670
E15ST 45 345 -T14MPT 138	1	142.2	70.4	0.8961*	1.0000	1.5000/0.5100
E15ST 46 345 -E13 ST 138*	1	159.6	79.7	0.8947*	0.9923	1.1041/0.8670
E15ST 46 345 -T13MPT 138	1	148.2	73.0	0.8971*	1.0000	1.5000/0.5100
E15ST 47 345 -E13 ST 138*	1	166.5	83.2	0.8944*	0.9923	1.1041/0.8670
E15ST 47 345 -E RIVER 69.0*	1	-115.4	-17.5	-0.9887	1.0428	1.0870/0.8540
E15ST 48 345 -E13 ST 138*	1	168.1	83.0	0.8966*	0.9923	1.1041/0.8670
E15ST 48 345 -T11MPT 138	1	149.0	73.6	0.8965*	1.0000	1.5000/0.5100
FARRAGUT 345 -F/S38M11 138*	1	98.0	17.3	0.9848	1.0080	1.1040/0.8670
FARRAGUT 345 -F/S38M12 138*	1	98.0	16.9	0.9855	1.0077	1.1040/0.8670
FARRAGUT 345 -F/S38M13 138*	1	24.5	-14.1	0.8664*	1.0308	1.1040/0.8670
FARRAGUT 345 -F/S38M14 138*	1	98.4	16.6	0.9861	1.0077	1.1040/0.8670
FARRAGUT 345 -FGT/BRT1 138*	1	178.7	55.2	0.9554	0.9930	1.1040/0.8670
FARRAGUT 345 -FGT/BRT2 138*	1	177.9	54.4	0.9562	0.9930	1.1040/0.8670
FARRAGUT 345 -FGT/BRT3 138*	1	178.1	54.6	0.9561	0.9930	1.1040/0.8670
FARRAGUT 345 -FGT/BRT4 138*	1	178.5	55.0	0.9557	0.9930	1.1040/0.8670
FARRAGUT 345 -FGT/HAT1 138*	1	87.3	36.7	0.9218*	1.0004	1.1040/0.8670
FARRAGUT 345 -FGT/HAT2 138*	1	89.5	45.7	0.8906*	0.9781	1.1040/0.8670
FARRAGUT 345 -FGT/HAT3 138*	1	57.1	18.2	0.9531	1.0062	1.1040/0.8670
FARRAGUT 345 -FGT/HAT4 138*	1	56.8	17.7	0.9545	1.0061	1.1040/0.8670
FARRAGUT 345 -FGT/HAT5 138*	1	57.2	20.6	0.9408*	1.0001	1.1040/0.8670
FARRAGUT 345 -FGT/HAT6 138*	1	89.7	45.2	0.8932*	0.9818	1.1040/0.8670
FARRAGUT 345 -FGT/HAT7 138*	1	88.5	42.4	0.9019*	0.9877	1.1040/0.8670
FARRAGUT 345 -HAE TR1 138*	1	-64.6	-9.4	-0.9897	1.0367	1.1041/0.8670
FARRAGUT 345 -HAE TR3 138*	1	-64.4	-16.4	-0.9689	1.0441	1.1041/0.8670
FGT-HUD9 345 -F/S38M15 138*	1	88.4	19.2	0.9773	1.0078	1.1041/0.8670
FGT-HUD9 345 -HAE TR2 138*	1	-63.2	-7.8	-0.9925	1.0352	1.1041/0.8670
FR KILLS 345 -FRKILLR2 138*	1	210.1	-3.6	0.9999	1.0286	1.0884/0.8900
FR KILLS 345 -FRKILLSR 138*	1	210.1	-0.9	1.0000	1.0286	1.0884/0.8900
GOTHLS R 345 -GOETH T 230*	1	-199.5	79.5	-0.9290*	1.0201	1.0879/0.9540
GOWANUSN 345 -GOWNUS1T 138*	1	150.1	-14.1	0.9956	1.0440	1.1041/0.8670
GOWANUSS 345 -GOWNUS2T 138*	1	150.1	-11.0	0.9973	1.0443	1.1041/0.8670
MILLWOOD 345 -MLWD TA 138*	1	57.2	14.5	0.9693	0.9929	1.1040/0.8670
MILLWOOD 345 -MLWD TA 138*	1	55.8	14.2	0.9690	0.9929	1.1040/0.8670
PL VILLE 345 -PLTVILLE13.6*	1	41.9	-0.2	1.0000	1.0248	1.2186/0.9706
PL VILLW 345 -PLTVILLE13.6*	1	39.3	9.4	0.9725	1.0699	1.2353/0.9706
RAINEY 345 -RAINEY3W 138*	1	130.3	52.9	0.9265*	1.0000	1.1040/0.8670
RAINEY 345 -2E DUM 138*	1	136.0	38.2	0.9627	1.0000	1.0875/0.8545
RAINEY 345 -7E DUM 138*	1	114.1	59.5	0.8867*	1.0000	1.0875/0.8545
RAINEY 345 -7W DUM 138*	1	126.3	63.0	0.8950*	1.0000	1.0875/0.8545
RAINEY 345 -8E DUM 138*	1	-274.7	-16.1	-0.9983	1.0146	1.0875/0.8545
RAINEY 345 -8W DUM 138*	1	-208.4	54.2	-0.9678	1.0000	1.0875/0.8545
RAINEY 345 -9E DUM 138*	1	13.6	12.4	0.7391*	1.0000	1.1040/0.8670
RAMAPO 345 -RAMP138 138*	1	190.0	58.5	0.9557	0.9875	1.1000/0.9000
RAMAPO 345 -RAMP138 138*	1	190.0	58.5	0.9557	0.9875	1.1000/0.9000
SPRBROOK 345 -DUN NO T 138*	1	212.2	59.1	0.9634	0.9852	1.1041/0.8670
SPRBROOK 345 -DUN SO T 138*	1	223.7	86.2	0.9331*	0.9778	1.1041/0.8670
TREMONT 345 -PARK TR1 138*	1	179.1	49.9	0.9634	0.9781	1.1041/0.8670
TREMONT 345 -PARK TR2 138*	1	181.1	49.3	0.9648	0.9781	1.1041/0.8670
W 49 ST 345 -W49 ST 1 138*	1	245.4	130.7	0.8827*	0.9807	1.1040/0.8670
W 49 ST 345 -W49 ST 2 138*	1	170.3	81.1	0.9027*	0.9934	1.1040/0.8670
W 49 ST 345 -W49 ST 3 138*	1	247.5	138.1	0.8733*	0.9786	1.1040/0.8670
W 49 ST 345 -W49 ST 4 138*	1	283.6	169.8	0.8580*	0.9687	1.1040/0.8670
W 49 ST 345 -W49 ST 5 138*	1	282.1	162.0	0.8671*	0.9734	1.1040/0.8670

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GOETH T  230  -GOETHALS 230  1  -199.6    12.0 -0.9982   1.0000   1.5000/0.5100
S. BRONX 345  -SBNXT1   138* 1    61.7    -1.6  0.9997   1.0296   1.1040/0.8670
S. BRONX 345  -SBNXT2   138* 1    61.7    -1.6  0.9997   1.0296   1.1040/0.8670
S. BRONX 345  -SBNXT3   138* 1    61.7    -1.6  0.9997   1.0296   1.1040/0.8670
S. BRONX 345  -SBNXT4   138* 1    61.7    -1.6  0.9997   1.0296   1.1040/0.8670
GOETH T  230  -GOETH 1313.6  1     0.1    67.1  0.0018*  1.0000   1.5000/0.5100
                             0     0.0     0.0  1.0000   0.0000*  0.0000/0.0000
                             0     0.0     0.0  1.0000   0.0000*  0.0000/0.0000
SHORE RD 345  -SHORE RD 138* 1   311.4    22.9  0.9973   0.9931   1.1200/0.8800
SHORE RD 345  -SHORE RD 138* 1   310.3    22.9  0.9973   0.9930   1.1200/0.8800
E.G.C.-1 345  -E.G.C.   138* 1   318.0    15.8  0.9988   0.9978   1.1200/0.8800
E.G.C.-2 345  -E.G.C.-2 138* 1   318.0    16.1  0.9987   0.9980   1.1200/0.8800
COOPC345 345  -COOPC115 115* 1    47.1    -1.3  0.9996   0.9875   1.1500/0.9500
COOPC345 345  -COOPC115 115* 1    47.5    -1.5  0.9995   0.9875   1.1500/0.9500
FRASVC1818.2  -FRASR345 345  1     0.0   144.1  0.0000*  1.0000   1.5000/0.5100
FRASR345 345  -FRASR115 115* 1    37.0    22.0  0.8595*  0.9925   1.1468/0.9474
OAKDL345 345  -OAK2M115 115  1   120.1   -60.6  0.8928*  1.0721   1.1478/0.9391
OAKDL345 345  -OAK3M115 115  1   106.0   -66.4  0.8473*  1.0721   1.1478/0.9391
STOLE345 345  -STOLE115 115* 1    54.6    49.7  0.7396*  1.0385   1.0769/0.9744
STOLE345 345  -STOLE115 115* 1    54.2    49.2  0.7404*  1.0385   1.0769/0.9744
WATRC345 345  -WATRC230 230* 1   138.8   116.7  0.7652*  0.9625   1.1000/0.9000
WOODA345 345  -WOODS115 115* 1   163.2    98.5  0.8561*  0.9125   1.0500/0.8500
WOODB345 345  -WOODS115 115* 1   138.2    92.5  0.8311*  0.9125   1.0500/0.8500
GARDV230 230  -GARDN M734.5  1    83.3    45.1  0.8796*  1.0000   1.0750/0.9250
GARDV230 230  -GARDN M634.5  1   100.3    59.0  0.8620*  1.0000   1.0750/0.9250
HILSD230 230  -HILSD M334.5  1    93.8   -61.4  0.8366*  1.0000   1.5000/0.5100
HILSD230 230  -HILSD M434.5  1    67.4   129.5  0.4617*  1.0000   1.5000/0.5100
MEYER230 230  -MEYER M434.5  1    81.7   -11.1  0.9909   1.0250*  1.0250/0.8750
OAKDL230 230  -OAKDL115 115  1    72.6    48.6  0.8309*  0.9785   1.5000/0.5100
ROBIN230 230  -ROBIN M134.5  1    51.5    10.0  0.9816   1.0187   1.1000/0.9000
DUNKIRK  230  -DUNKIRK1 115* 1    44.5    -8.3  0.9832   1.0270   1.0779/0.9341
DUNKIRK  230  -DUNKIRK1 115* 1    46.6    -9.2  0.9810   1.0272   1.0875/0.9422
DUNKIRK  230  -DUNKGEN313.8  1  -190.0   -53.3 -0.9628   1.0977   1.5000/0.5100
ELM-70   230  -ELMST23.23.0  1    48.5    26.3  0.8787*  1.1000*  1.1000/0.9000
ELM-71   230  -ELMST23.23.0  1    20.6    17.3  0.7645*  1.1000*  1.1000/0.9000
ELM-72   230  -ELMST23.23.0  1    20.5    17.3  0.7642*  1.1000*  1.1000/0.9000
GRDNVL2  230  -GRDNVL1  115* 1    99.2    42.3  0.9200*  0.9641   1.0302/0.8865
GRDNVL2  230  -GRDNVL1  115* 1    61.8    26.4  0.9200*  0.9641   1.0302/0.8865
GRDNVL2  230  -GRDNVL1  115* 1    62.5    26.6  0.9200*  0.9641   1.0302/0.8865
PACKARD2 230  -PACK(N)E 115* 1    27.2   -30.2  0.6686*  1.0182   1.0268/0.8899
PACKARD2 230  -PACK(S)W 115* 1   -39.0    19.9 -0.8908*  0.9840   1.0268/0.8899
SUNY-79  230  -SUNYAB2334.5  1    18.8     6.8  0.9405*  0.9700   1.5000/0.5100
SUNY-80  230  -SUNYAB2334.5  1    18.6     6.7  0.9411*  0.9700   1.5000/0.5100
CLAY     345  -CLAY     115* 1   146.0     5.9  0.9992   1.0500*  1.0540/1.0500
CLAY     345  -CLAY     115* 1   145.8     5.9  0.9992   1.0500*  1.0540/1.0500
DEWITT 3 345  -DEWITT 1 115* 1   220.3    76.3  0.9449*  1.0300*  1.0540/1.0300
ELBRIDGE 345  -ELBRIDGE 115* 1   176.1    36.0  0.9797   1.0300*  1.0540/1.0300
OSWEGO   345  -OSW 3&4  115* 1   210.7    56.5  0.9658   1.0002   1.0500/0.8630
SCRIBA   345  -SCRIBA   115  1     3.2     0.0  1.0000   1.0000   1.5000/0.5100
SCRIBA   345  -SCRIBA   115  1     3.2     0.0  1.0000   1.0000   1.5000/0.5100
KB-AD115 115  -ADRON B1 230  1     0.0     0.5  0.0000*  1.0250   1.5000/0.5100
EDIC     345  -PORTER 2 230  1   249.1   103.2  0.9238*  1.0000   1.5000/0.5100
EDIC     345  -PORTER 1 115* 1   150.6    -1.8  0.9999   0.9901   1.0540/0.8630
EDIC     345  -PORTER 1 115* 1   150.6    -1.8  0.9999   0.9901   1.0540/0.8630
PORTER 2 230  -PORTER 1 115* 1     2.4    58.2  0.0410*  0.9425   1.1000/0.9000
PORTER 2 230  -PORTER 1 115* 1     2.4    58.2  0.0410*  0.9425   1.1000/0.9000
N.SCOT77 345  -N.SCOT1  115* 1   152.2   -26.4  0.9852   1.0316   1.0543/0.8623
N.SCOT99 345  -N.SCOT1  115* 1   154.4   -26.3  0.9858   1.0316   1.0540/0.8620
REYNLD3  345  -REY. RD. 115* 1   204.6    29.4  0.9898   1.0088   1.0540/0.8620
ROTRDM.2 230  -RTRDM1   115* 1   211.1    35.0  0.9865   0.9943   1.0063/0.8145
ROTRDM.2 230  -RTRDM1   115* 1   200.0    -8.8  0.9990   1.0128   1.0500/0.8500
ROTRDM.2 230  -RTRDM1   115* 1   163.5    26.8  0.9869   0.9943   1.0063/0.8146
WHAV345  345  -WHAV138  138* 1   268.4    46.2  0.9855   1.0063   1.0250/0.9000
SMAHWAH1 345  -SMAH138  138* 1   200.0   146.4  0.8069*  0.9600   1.0200/0.9000
N.M.TAP  345  -SHOEMTAP 138* 1   352.7   157.5  0.9131*  0.9510*  1.2500/0.9510
MARCY765 765  -MARCY T1 345* 1   722.3    -0.4  1.0000   1.0000   1.0606/0.8240
MARCY765 765  -MARCY T1 345* 1   611.8  -203.8  0.9487*  1.0192   1.1183/0.8687
MASS 765 765  -MASS230A 230  1   -72.6    28.1 -0.9327*  0.9665   1.5000/0.5100
MASS 765 765  -MASS230B 230  1   -72.6    28.1 -0.9327*  0.9665   1.5000/0.5100
NIAG 345 345* -NIAGAR2E 230  1  -162.0    38.7 -0.9727   0.9900   1.0500/0.9500
NIAG 345 345* -NIAGAR2E 230  1  -162.0    38.7 -0.9727   0.9900   1.0500/0.9500
NIAG 345 345* -NIAGAR2W 230  1  -322.2    76.9 -0.9727   0.9900   1.0400/0.9650
MOSES W  230  -MOS 115  115  1   -20.8     6.5 -0.9545   0.9790   1.5000/0.5100
MOSES W  230  -MOS 115  115  1   -20.5     6.4 -0.9546   0.9790   1.5000/0.5100
MOSES W  230  -MOS 115  115  1    -8.0     2.6 -0.9523   0.9790   1.5000/0.5100
MOSES W  230  -MOS 115  115  1   -20.6     6.4 -0.9546   0.9790   1.5000/0.5100
NIAGAR2W 230  -NIAG115E 115  1    -0.6   -19.5 -0.0325*  1.0000   1.5000/0.5100
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NIAGAR2W	230	-NIAG115W	115	1	-82.7	39.5	-0.9023*	1.0283	1.5000/0.5100
PLAT T#1	230	-PLAT 115	115*	1	-0.6	-32.7	-0.0177*	0.9730*	1.1314/0.9730
PLAT T#4	230	-PLAT 115	115*	1	9.1	75.7	0.1199*	1.0607	1.1314/0.9730
WILLIS E	230	-WILL 115	115*	1	29.5	15.9	0.8811*	1.0297	1.1314/0.9730
WILLIS W	230	-WILL 115	115*	1	29.6	15.9	0.8810*	1.0297	1.1314/0.9730
ROCH 345	345	-S80 1TR	115*	1	129.4	-2.2	0.9999	1.0251	1.1001/0.9500
ROCH 345	345	-S80 2TR	115*	1	169.8	-28.2	0.9865	0.9629	1.0500/0.9500
ROCH 345	345	-S80 3TR	115*	1	129.0	-2.2	0.9999	1.0251	1.1001/0.9500
PANNELL3	345	-PANNELLI	115*	1	94.1	-9.4	0.9950	1.0187	1.0750/0.9250
PANNELL3	345	-PANNELLI	115*	1	94.1	-9.4	0.9950	1.0187	1.0750/0.9250

TRANSMISSION LINE FLOW REPORT

LINE			RATEA	RATEB	RATEC	MVA	MW	MVAR FROM	MVAR TO	MVAR NET
CHA-NY	765	-MASS 765 765	3975.	3975.	5300.	1241.	1200.	-317.	143.	-174.
MASS 765	765	-MARCY765 765	3975.	3975.	5300.	1401.	1342.	-400.	-5.	-405.
NORHR138	138	-NRTHPT P 138	466.	577.	1577.	112.	100.	-51.	-41.	-92.
HOMER CY	345	-WATRC345 345	755.	927.	0.	384.	383.	36.	7.	43.
BRANCHBG	500	-RAMAPO 5 500	1048.	1373.	0.	448.	442.	73.	-166.	-93.
STLAWR33	220	-STLAWL33 230	300.	498.	0.	0.	0.	0.	2.	1.
STLAWR34	230	-STLAWL34 230	300.	498.	0.	2.	0.	-2.	2.	0.
OAKDL345	345	-FRASR345 345	1255.	1380.	1380.	642.	640.	-48.	108.	60.
CLAY	345	-EDIC 345	1033.	1285.	1434.	590.	589.	31.	14.	45.
CLAY	345	-EDIC 345	1033.	1285.	1434.	592.	591.	30.	15.	45.
VOLNEY	345	-MARCY T1 345	1434.	1792.	1912.	740.	733.	99.	-12.	87.
JA FITZP	345	-EDIC 345	1434.	1434.	1912.	746.	741.	91.	23.	114.
MASS 765	765	-MARCY765 765	3975.	3975.	5300.	1401.	1342.	-400.	-5.	-405.
MOSES W	230	-ADRON B1 230	348.	359.	440.	148.	148.	-4.	6.	2.
MOSES W	230	-ADRON B2 230	348.	386.	440.	148.	148.	-4.	6.	2.
EDIC	345	-N.SCOT77 345	1331.	1528.	1724.	914.	914.	20.	248.	268.
PORTER 2	230	-ROTRDM.2 230	440.	505.	560.	261.	260.	-21.	74.	53.
PORTER 2	230	-ROTRDM.2 230	439.	505.	560.	268.	267.	-22.	77.	55.
MARCY T1	345	-N.SCOT99 345	1487.	1792.	1792.	1005.	1002.	80.	216.	295.
CTNY398	345	-PLTVLLEY 345	1195.	1386.	1685.	309.	-304.	52.	-53.	-1.
** LINE ERROR **			0.	0.	0.	0.	0.	0.	0.	0.
COOPC345	345	-N.M.TAP 345	1464.	1793.	1793.	798.	796.	57.	16.	74.
LEEDS 3	345	-HURLEY 3 345	1395.	1623.	1870.	704.	704.	5.	35.	41.
LEEDS 3	345	-PLTVLLEY 345	1331.	1538.	1724.	1088.	1083.	109.	82.	191.
ATHENS	345	-PLTVLLEY 345	1331.	1538.	1724.	1048.	1043.	107.	72.	179.
SPRBROOK	345	-REACM51 345	774.	866.	1291.	415.	410.	-66.	121.	55.
SPRBROOK	345	-REACM52 345	774.	866.	1291.	415.	410.	-66.	121.	55.
REACM51	345	-W 49 ST 345	774.	866.	1291.	428.	410.	-121.	-224.	-345.
REACM52	345	-W 49 ST 345	774.	866.	1291.	428.	410.	-121.	-224.	-345.
DUNWODIE	345	-REAC71 345	715.	817.	1081.	390.	381.	-85.	134.	49.
DUNWODIE	345	-REAC72 345	715.	817.	1081.	390.	381.	-85.	134.	49.
** LINE ERROR **			0.	0.	0.	0.	0.	0.	0.	0.
** LINE ERROR **			0.	0.	0.	0.	0.	0.	0.	0.
REAC71	345	-S. BRONX 345	715.	817.	1081.	404.	381.	-134.	-65.	-199.
REAC72	345	-S. BRONX 345	715.	817.	1081.	404.	381.	-134.	-65.	-199.
S. BRONX	345	-RAINEY 345	715.	817.	1081.	266.	257.	69.	-148.	-80.
S. BRONX	345	-RAINEY 345	715.	817.	1081.	266.	257.	69.	-148.	-80.
** LINE ERROR **			0.	0.	0.	0.	0.	0.	0.	0.
SPRBROOK	345	-REACBUS 345	1243.	1386.	1530.	703.	641.	-289.	289.	0.
DUNWODIE	345	-SHORE RD 345	687.	962.	1512.	638.	624.	-133.	-197.	-330.

PAR FLOW AND ANGLE REPORT

PAR			MW	MVAR	ANGLE	ANGLE RANGE
LINDEN	230	-LIN SHF 230	199.9	-151.0	-5.7	25.0/-25.0
WALDWICK	230	-FAIRL SH 230	300.4	377.8	-24.3	35.0/-35.0
WALDWICK	230	-HAWTH SH 230	310.7	-31.5	-22.8	30.0/-30.0
WALDWICK	230	-HILLS SH 230	330.6	-81.7	-23.3	32.0/-32.0
STLAWR33	220	-STLAWL33 230	-0.1	-0.2	6.9	40.0/-40.0
STLAWR34	230	-STLAWL34 230	-0.2	-2.2	6.9	40.0/-40.0
FARRAGUT	345	-FARRGUT1 345	-399.6	40.7	-22.1	30.0/-30.0
FARRAGUT	345	-FARRGUT2 345	-399.6	39.3	-22.6	30.0/-30.0
GOTHLS N	345	-GOTHLS R 345	-199.3	89.6	-18.9	25.0/-25.0
RAM PAR	345	-RAMAPO 345	220.0	74.9	18.3	40.0/-40.0
RAM PAR	345	-RAMAPO 345	220.0	74.9	18.3	40.0/-40.0
CORONA-S	138	-CORONA1R 138	0.6	7.4	9.3	25.0/-25.0
DUN NO	138	-DUN NO1R 138	64.5	6.3	-9.2	20.0/-20.0
DUN NO	138	-DUN NO2R 138	64.5	6.6	-9.1	20.0/-20.0
DUN SO	138	-DUN SO1R 138	64.9	1.6	-10.9	25.0/-25.0

DUN SO 138 -DUN SO1R 138	64.9	1.6	-10.9	25.0/-25.0
CORONA-N 138 -CORONA2R 138	0.6	27.6	9.4	25.0/-25.0
FRKILLR2 138 -FR-KILLS 138	209.8	-18.8	-8.2	25.0/-25.0
FRKILLSR 138 -FR-KILLS 138	209.8	-16.8	-8.9	25.0/-25.0
GOWNUS1T 138 -GOWNUS1R 138	149.9	-26.0	-8.5	25.0/-25.0
GOWNUS2T 138 -GOWNUS2R 138	149.9	-22.4	-8.2	25.0/-25.0
ASTE-PAR 138 -ASTE-WRG 138	-230.1	0.5	8.8	25.0/-25.0
PARK TR1 138 -PARK1REG 138	180.8	32.8	-12.3	25.0/-25.0
PARK TR2 138 -PARK2REG 138	180.8	31.9	-12.4	25.0/-25.0
** LINE ERROR **	0.0	0.0	0.0*	0.0/ 0.0
** LINE ERROR **	0.0	0.0	0.0*	0.0/ 0.0
EGC PAR 345 -E.G.C.-1 345	318.2	34.5	3.6	25.0/-25.0
EGC PAR 345 -E.G.C.-2 345	318.2	34.8	3.6	25.0/-25.0
L SUCSPH 138 -L SUCS 138	-147.4	25.6	-6.3	25.0/-25.0
NRTHPT P 138 -NRTHPT1 138	99.5	41.0	-5.4	50.0/-50.0
V STRM P 138 -VLY STRM 138	-141.4	54.1	-7.0	25.0/-25.0
INGMS-CD 115 -INGHAM-E 115	119.9	-10.1	11.9	20.0/-20.0
PLAT 115 115 -PLAT T#3 115	0.0	0.0	19.4	40.0/-40.0

HVDC LINE FLOW REPORT

LINE NAME	MDC	MW	MVAR
COAL CR4 230 ->DICKNSN3 345*	1	1 -505.1	310.3
COAL CR4 230 ->DICKNSN3 345*	2	1 -505.1	310.3
SQBUTTE4 230* ->ARROWHD4 230	3	2 220.5	135.7
SQBUTTE4 230* ->ARROWHD4 230	4	2 220.5	135.7
RADSNDC6 138* ->DC5 JCT4 230	5	1 819.5	488.5
RADSNDC6 138* ->DC6 JCT4 230	6	1 819.5	488.9
HENDAY 4 230* ->DORSEY 4 230	7	1 931.0	579.3
HENDAY 4 230* ->DORSEY 4 230	8	1 931.0	579.3
MI CTYW4 230 ->MI CTYE4 230*	9	1 -32.0	65.6
SIDNEYW4 230 ->SIDNEY 4 230*	10	0 0.0	0.0
CHAT G 315 ->CHAT G3 120*	11	1 -383.7	246.5
CHAT G2 315 ->CHAT G4 120*	12	1 -383.7	246.5
HIGHGT 120 ->HIGHGATE 115*	13	1 -167.0	87.2
MADAWA 315 ->MADAWANB 345*	14	0 0.0	0.0
EEL34A 34.5 ->EELDC2NB34.5*	15	0 0.0	0.0
EEL34B 34.5 ->EELDC1NB34.5*	16	0 0.0	0.0
RAD3152 315 ->NIC230 230*	17	0 0.0	0.0
RAD3152 315 ->NIC230 230*	18	0 0.0	0.0
RAD3152 315 ->SANDY PD 345*	19	1 -750.0	372.8
RAD3152 315 ->SANDY PD 345*	20	1 -750.0	372.8
CHAT G3 120* ->CHAT G 315	21	0 0.0	0.0
CHAT G4 120* ->CHAT G2 315	22	0 0.0	0.0
MADAWANB 345 ->MADAWA 315*	24	0 0.0	0.0
EELDC2NB34.5 ->EEL34A 34.5*	25	0 0.0	0.0
OTAWE 81 315 ->OTAWE220 220*	27	0 0.0	0.0
OTAWE 81 315 ->OTAWE220 220*	28	0 0.0	0.0
OTAWE220 220 ->OTAWE 81 315*	37	0 0.0	0.0
OTAWE220 220 ->OTAWE 81 315*	38	0 0.0	0.0

LBMP ZONE REPORT

	ZONE NAME	LOAD MW	MVAR	PF	LOSS MW	MVAR	GEN MW	MVAR	INT MW	MVAR
1	WEST	2555.	1065.	0.9230	83.	1186.	4699.	1151.	2060.	-222.
2	GENESEE	1753.	555.	0.9534	60.	462.	675.	0.	-1138.	225.
3	CENTRAL	2829.	1269.	0.9124	160.	2124.	5476.	1377.	2485.	-436.
4	NORTH	682.	248.	0.9398	17.	265.	1202.	56.	503.	-87.
5	MOHAWK	1089.	377.	0.9451	183.	2309.	678.	168.	-594.	-20.
6	CAPITAL	2128.	822.	0.9328	79.	862.	2167.	1246.	-40.	803.
7	HUDSON	2487.	764.	0.9559	114.	1714.	3090.	1265.	489.	-22.
8	MILLWOOD	761.	294.	0.9330	44.	980.	2115.	811.	1310.	271.
9	DUNWOODI	1516.	714.	0.9046	35.	1026.	3.	0.	-1548.	110.
10	NYC	11790.	5526.	0.9055	141.	4666.	8444.	3671.	-3486.	-473.
11	L ISLAND	5494.	1938.	0.9430	87.	1263.	3581.	912.	-2000.	446.
	TOTALS	33084.	13572.		1004.	16858.	32130.	10656.	-1958.	595.

LBMP SUBZONE REPORT

LBMP SUBZONE NAME		LOAD MW	MVAR	PF	LOSS MW	MVAR
NMPC WES	1	1601.5	682.5	0.9199	61.5	789.9
NMPC CEN	2	1629.0	731.4	0.9123	83.0	1325.2
NMPC MVN	3	759.7	218.9	0.9609	176.1	2275.6

NMPC EAS	4	2008.5	769.8	0.9338	75.6	844.2
NYSEG WE	5	508.3	240.9	0.9037	18.2	228.9
NYSEG CE	6	1124.9	501.6	0.9133	77.4	799.5
NYSEG EA	7	263.8	126.7	0.9014	6.6	33.2
NYSEG HU	8	16.4	6.7	0.9262	0.0	0.0
RG&E	9	1449.4	457.7	0.9536	30.3	356.4
CENT HUD	10	1308.0	365.3	0.9631	82.2	1098.9
O&R	11	1162.6	392.1	0.9476	18.9	227.4
LIPA	12	5470.2	1927.4	0.9432	87.6	1240.4
NYPA WES	13	445.2	141.7	0.9529	3.6	167.2
NYPA NOR	14	510.6	187.3	0.9388	5.5	122.4
CON ED C	15	11790.2	5525.9	0.9055	140.8	4657.9
NYPA B	16	37.8	18.3	0.9000	0.7	1.5
NYPA C	17	75.1	36.4	0.9000	0.0	0.0
NYPA E	18	60.8	29.3	0.9009	0.0	0.0
NYSEG NO	19	102.5	43.6	0.9201	2.4	33.0
NYPA F	20	20.6	10.0	0.8999	0.0	0.1
NYSEG ME	21	98.8	42.1	0.9200	3.7	18.0
NYPA H	22	34.4	20.3	0.8609	3.2	151.7
CON ED N	23	311.9	147.0	0.9045	29.6	694.2
NYPA I	24	0.0	0.0		0.0	0.0
CON ED C	25	1515.6	714.2	0.9046	33.9	1022.7
NYPA J	26	0.0	0.0		0.0	8.3
NYPA K	27	23.8	10.6	0.9128	0.6	26.0
NYPA G	28	0.0	0.0		0.0	0.0
NMPC GNS	29	265.9	79.0	0.9586	29.2	103.3
NYSEG BR	30	414.7	126.2	0.9567	11.5	134.2
NMPC NTH	31	68.9	17.0	0.9710	9.1	109.4
CE UPNY	32	0.0	0.0		12.9	388.2
CENT H C	33	4.7	1.7	0.9396	0.0	0.0
	34	0.0	0.0		0.0	0.0

SUBSYSTEM LOAD & LOSS MW 33083.9 1003.9

OWNER REPORT

OWNER NAME		LOAD MW	MVAR	PF	LOSS MW	MVAR
CENT HUD	1	1312.7	367.0	0.9631	35.8	508.9
CONED	2	13617.7	6387.2	0.9054	206.9	6397.9
LIPA	3	5494.0	1938.0	0.9430	84.9	1274.8
NYSEG	4	2470.7	1059.4	0.9191	124.3	1426.8
NIMO	5	6119.0	2387.2	0.9316	338.5	3565.5
O&R	6	1162.6	392.1	0.9476	21.8	405.9
NYPA	7	1457.7	583.2	0.9284	162.2	2980.7
RGE	8	1449.4	457.7	0.9536	30.2	350.0

SUBSYSTEM LOAD & LOSS MW 33083.9 1004.6

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CASE :CEII 2005 FERC FORM NO. 715, 2010 SUM PK V6
      2005 SUMMER PEAK, LEVEL 5 (04/01/05)
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STATION VOLTAGES

BOWLINE1 345 = 353.6	BOWLINE2 345 = 353.6	BUCH S 345 = 348.3
CLAY 345 = 357.8	COOPC345 345 = 350.5	DUNWODIE 345 = 346.2
EDIC 345 = 352.1	FARRAGUT 345 = 356.8	FRASR345 345 = 356.7
GRDNVL2 230 = 228.3	GILB 345 345 = 358.4	GOTHLS N 345 = 362.1
GOWANUSN 345 = 360.8	LADENTWN 345 = 351.7	LEEDS 3 345 = 355.2
MARCY T1 345 = 352.5	MILLWOOD 345 = 345.6	N.SCOT77 345 = 355.8
N.SCOT99 345 = 355.8	NIAGAR2E 230 = 234.6	NIAGAR2W 230 = 234.6
NIAG 345 345 = 357.3	NRTHPRT1 138 = 142.5	OAKDL345 345 = 353.4
PANNELL3 345 = 358.0	PLTVLLEY 345 = 346.0	RAINEY 345 = 358.8
RAMAPO 345 = 350.0	RAMAPO 5 500 = 508.8	ROCK TAV 345 = 349.7
ROSETON 345 = 351.6	KINTI345 345 = 358.8	SPRBROOK 345 = 346.2
ROCH 345 345 = 357.3	MOSES W 230 = 237.1	WATRC230 230 = 232.0
CHA-NY 765 = 759.6	MARCY765 765 = 782.0	MASS 765 765 = 767.1
FISHKILL 345 = 348.0	HURLEY 3 345 = 352.2	SHORE RD 345 = 344.5
VOLNEY 345 = 361.1	WATRC345 345 = 343.5	DUNKIRK 230 = 239.2
MEYER230 230 = 227.3	OAKDL230 230 = 224.1	ROTRDM.2 230 = 230.4
CHANY2 120 = 124.9	CHANY1 120 = 124.9	ALB3 115 = 119.0
BATH 115 115 = 115.8	BORDR115 115 = 115.3	CLAY 115 = 113.3
DELHI115 115 = 117.6	E.NOR115 115 = 117.0	FALCONER 115 = 115.0
GOUDY115 115 = 112.5	MEYER115 115 = 116.2	MOS 115 115 = 120.9*
NIAG115E 115 = 118.4	NIAG115W 115 = 118.5	N.WAV115 115 = 114.4
OAKDL115 115 = 112.1	PLAT T#3 115 = 118.6	PL.VAL 1 115 = 116.4
PORTER 1 115 = 118.7	ROCK TV1 115 = 116.3	RTRDM1 115 = 115.0
SHENANDO 115 = 116.2	S82-1115 115 = 116.7	

GENERATOR/SVC QUANTITIES

GENERATOR	MW	PMAX	PMIN	MVAR	QMAX	QMIN	VSCHED	VTBUS
GILBOA#117.0	250.0	250.0	0.0	90.0	90.0	-30.0	1.0300	1.0263
GILBOA#217.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0000	0.9903
GILBOA#317.0	250.0	250.0	0.0	90.0	90.0	-30.0	1.0300	1.0261
GILBOA#417.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0000	0.9903
9M PT 1G23.0	626.0	626.0	300.0	111.8	340.0	0.0	1.0500	1.0241
9M PT 2G25.0	1212.0	1212.0	700.0	203.0	360.0	50.0	1.0500	0.9966
OSWGO 5G22.0	639.8	881.0	250.0	161.7	340.0	-240.0	1.0500	1.0027
OSWGO 6G22.0	200.0	881.0	200.0	161.7	330.0	-270.0	1.0500	1.0036
JAFITZ1G24.0	848.8	848.8	230.0	215.9	375.0	-300.0	1.0500	0.9967
SITH-G1 18.0	115.0	170.0	0.0	25.3	126.9	-80.0	1.0500	0.9868
SITH-G2 18.0	115.0	170.0	0.0	25.3	126.9	-80.0	1.0500	0.9868
SITH-G3 18.0	115.0	170.0	0.0	25.3	126.9	-80.0	1.0500	0.9868
SITH-G4 18.0	115.0	170.0	0.0	25.3	126.9	-80.0	1.0500	0.9868
SITH-S5 18.0	160.0	220.6	0.0	25.3	104.7	-75.0	1.0500	0.9824
SITH-S6 18.0	160.0	220.6	0.0	25.3	104.7	-75.0	1.0500	0.9824
ROSE GN124.0	820.9*	610.0	150.0	310.0	310.0	-106.0	1.0300	1.0220
ROSE GN224.0	610.0	610.0	150.0	190.0	190.0	-57.0	1.0300	1.0022
BOW1 20.0	592.0	592.0	150.0	317.2	384.0	-100.0	1.0250	1.0535
BOW2 20.0	592.0	592.0	150.0	351.6	380.0	-100.0	1.0250	1.0598
IND PT 222.0	998.1	1078.0	314.0	550.0	550.0	-300.0	1.0400	1.0329
IP#3 GEN22.0	1080.0	1080.0	314.0	225.0	225.0	-100.0	1.0300	0.9751
RAV 3 22.0	972.0	972.0	386.0	762.0	792.4	-265.7	1.0400	1.0491
	0.0	0.0	0.0	0.0	0.0	0.0	0.0000	0.0000
KINTIG2424.0	447.2	709.0	197.0	37.7	275.0	-100.0	1.0400	1.0203
GINNA 1919.0	615.3*	610.1	50.0	2.6	261.4	-139.9	1.0522	1.0247
NIAG. 8 13.8	200.0	215.0	0.0	11.9	69.8	-28.0	1.0200	0.9874
NIAG. 1113.8	200.0	215.0	0.0	11.9	69.8	-28.0	1.0200	0.9862
MOS17-1813.8	104.6	114.0	0.0	10.2	44.0	-36.0	1.0200	1.0200
MOS29-3013.8	114.0	114.0	0.0	17.6	44.0	-36.0	1.0200	1.0200
DUNKGEN313.8	197.0	197.0	50.0	82.6	120.0	0.0	1.0400	0.9839
DUNKGEN413.8	191.0	191.0	50.0	82.6	120.0	0.0	1.0400	0.9842
HNTLY67G13.8	191.4	191.4	50.0	100.0	100.0	0.0	1.0260	0.9885
HNTLY68G13.8	190.6	190.6	50.0	100.0	100.0	0.0	1.0260	0.9890
FRASVC1818.2	0.0	0.0	0.0	176.9	325.0	-300.0	1.0338	1.1198
LEEDS 3 345	0.0	0.0	0.0	223.9	270.0	-300.0	1.0295	1.0295
USTATCOM 345	0.0*	0.0	0.0	199.3	204.3	-204.3	0.0000	1.0217
CHAT G3 120	0.0	0.0	0.0	-99.1	166.2	-99.1	1.0250	1.0328
CHAT G4 120	0.0	0.0	0.0	-99.1	83.1	-99.1	1.0250	1.0328

GENERATOR COMPLEX REPORT

GEN COMPLEX	ON	OFF	MW	SPRES	PMAX	PMIN	MVAR	REMVAR	QMAX	QMIN
AREA-1-FRONTIER	62	8	4716.	477.	5924.	662.	1173.	869.	2338.	-869.
AREA-2-GENESSEE	5	12	687.	-5.	824.	78.	6.	287.	351.	-173.
AREA-3-SYRACUSE	63	3	5496.	1335.	7000.	1971.	1401.	1677.	3105.	-1365.
AREA-4-ADIRONDK	52	2	1207.	17.	1305.	234.	60.	814.	899.	-456.
AREA-5-UTICA	128	9	688.	47.	952.	0.	203.	392.	672.	-587.
AREA-6-CAPITAL	74	16	2201.	551.	4135.	45.	1342.	257.	2141.	-1431.
AREA-7-MIDHUDSN	27	11	3154.	-134.	3539.	968.	1403.	111.	1850.	-590.
AREA-8-MILLWOOD	5	0	2135.	80.	2215.	628.	811.	0.	811.	-424.
AREA-9-SPR	1	0	3.	0.	3.	0.	0.	0.	0.	0.
AREA-10-NYC_ZON	86	7	8585.	254.	9350.	2717.	3963.	2426.	6777.	-3743.
AREA-11-L-ISLAN	54	36	3683.	256.	5526.	1000.	982.	556.	1877.	-1568.
AREA-31-PSEG	64	20	7439.	319.	9988.	5560.	1613.	1796.	4568.	-2007.
OSWEGO-GENERATI	11	0	4307.	1263.	5570.	1680.	1006.	1456.	2462.	-1230.
NIAGARA-GENERAT	24	1	2700.	180.	3095.	0.	478.	477.	1025.	-539.
ST.LAWRENCE-GEN	18	0	903.	9.	912.	0.	50.	602.	652.	-348.
GILBOA-GENERATI	2	2	500.	0.	1000.	0.	180.	0.	360.	-120.
HUNTLEY-GENERAT	4	4	382.	0.	722.	185.	200.	0.	375.	0.
DUNKIRK-GENERAT	6	0	558.	0.	558.	140.	247.	93.	340.	0.
ROSETON-GENERAT	2	0	1431.*	-211.	1220.	300.	500.	0.	500.	-163.
BETHLEHEM-GENER	4	0	540.	250.	790.	45.	443.	117.	560.	-290.
ATHENS-GENERATI	4	2	470.	250.	1080.	0.	330.	0.	495.	-495.
COGENTECH-GENER	8	0	645.	0.	645.	0.	-141.	541.	400.	-160.
SCSASTORIA-GENE	3	0	500.	100.	600.	120.	216.	142.	358.	-217.
POLEXPANS-GENER	3	0	638.	0.	638.	0.	327.	27.	354.	-354.
DANSKAM-GENERAT	2	0	309.	70.	379.	150.	138.	0.	138.	-48.
HOMER-CITY-GENE	3	0	1884.	0.	1884.	900.	345.	603.	948.	-393.
NORTHFIELD-GENE	3	1	750.	60.	1080.	-1000.	158.	82.	320.	-160.
BRUCE-GENERATIO	6	2	4460.	356.	6272.	0.	1565.	1165.	3380.	-2540.

INTERFACE FLOW REPORT

DESCRIPTION	MW	MVAR	DESCRIPTION	MW	MVAR
DYSINGER-EAST	1858.1	-137.8	DYSINGER-EAST-(C)	2699.1	6.0
WEST-CENTRAL	691.7	33.3	WEST-CENTRAL-(C)	1532.7	177.1
VOLNEY-EAST	3496.3	-131.7	VOLNEY-EAST-(C)	4030.7	-110.2
MOSES-SOUTH	1569.5	-401.7	MOSES-SOUTH-(C)	1687.1	-408.2
CENTRAL-EAST	2638.9	-631.6	TOTAL-EAST	5137.5	-755.8
UPNY-SENY	4754.0	396.0	UPNY-SENY-(C)	5277.9	222.0
UPNY-CONED	3732.0	-18.5	UPNY-CONED-(C)	5760.5	98.2
MILLWOOD-SOUTH	6472.3	144.8	LIPA-IMPORT	1998.8	-64.3
DUNWOODIE-SOUTH	3462.2	-647.3	DUNWOODIE-SOUTH-(C)	5490.7	-530.6
CONED-CABLE-INT-(C)	3492.0	-466.3	A-B-C-J-K-PAR-IMBAL	-18.4	-30.4
NIAGARA-TIE	-44.1	71.2	CEDARS-IMPORT	0.0	4.8
PJM-NY	671.6	109.4	NE-NY	172.1	92.1
ON-NY	-44.5	69.8	ONTARIO-MICHIGAN	44.5	21.3
CONED-345	1581.5	-554.0	CONED-138	908.5	-26.0
Y49-Y50	1260.8	-53.7	138-POCKET	1067.1	223.4
AST-POCKET	856.6	135.1	GRNWD-POCKET	658.3	35.5
STAT-POCKET	337.5	-89.9	E13-POCKET	1003.3	475.9
W49-POCKET	2251.2	255.8	EVIEW-POCKET	779.9	357.9
DUNSO-POCKET	140.2	90.5	DUNNO-POCKET	112.6	-69.9
ON-MAN-MIN	0.1	-42.8	VOLT-TE#3	4350.7	-453.4
EAST OF HOLBROOK	-56.6	-45.1	NEWBRIDGE EAST	-49.1	-197.1
AR-3-BULK-XFMRS	1593.6	204.6	AR-4-BULK-XFMRS	-141.4	146.9
AR-5-BULK-XFMRS	2013.4	-79.3	AR-6-BULK-XFMRS	1089.8	22.6
AR-7-BULK-XFMRS	1711.6	516.7	AR-8-BULK-XFMRS	526.1	218.4
AR-3-4-5-6-7-8X	6793.1	1029.9	CONED-CABLE-INT	2490.0	-580.0

SHUNT REPORT

SHNTNAME	SHACT (-ind,+cap)	SHTOT	SHNTNAME	SHACT (-ind,+cap)	SHTOT	SHNTNAME	SHACT (-ind,+cap)	SHTOT
MARCY T1 345	418.	400.	OAKDL345 345	0.	135.	N.SCOT77 345	144.	270.
N.SCOT99 345	144.	135.	LEEDS 3 345	0.	270.	EDIC 345	0.	200.
MOS 115 115	75.	68.	PORTER 1 115	61.	57.	MARCY765 765	-209.	-200.
MASS 765 765	-201.	-400.	FRASR345 345	150.	280.	COOPC345 345	289.	280.
ROCK TAV 345	277.	270.	FISHKILL 345	275.	270.	GILB 345 345	0.	135.
ROTRDM.2 230	169.	169.	ROCH 345 345	0.	135.	CLAY 115	49.	50.
MOS 115 115	75.	68.	DUNWODIE 345	0.	-150.	FARRGUT1 345	-64.	-60.
FARRGUT2 345	-64.	-60.	GOTHLS N 345	0.	-150.	GOTHLS S 345	-165.	-150.
GOWANUSN 345	-164.	-150.	GOWANUSS 345	0.	-150.	PL VILLE 345	0.	-20.
PL VILLW 345	0.	-20.	RAINEY 345	0.	-300.	SPRBROOK 345	0.	0.
REACBUS 345	-151.	-300.	EASTVIEW 138	-162.	-160.	E179 ST 138	0.	-150.

GRENWOOD 138 -78. -150. REACM51 345 0. -300. REACM52 345 0. -300.
GOETH 1313.6 -63. -140. SHORE RD 345 -150. -150. HMP HRBR 345 -152. -150.
EGC DUM 345 0. 0.

TRANSFORMER FLOW REPORT

TRANSFORMER	CNTL	MW	MVAR	PF	TAP	TAP RANGE
HURLEY 3 345 -HURLEY 1 115*	1	254.3	9.4	0.9993	0.9893	1.1607/0.9497
ROCK TAV 345 -ROCK TV1 115*	1	170.4	51.5	0.9573	1.0193	1.1831/0.9647
ROCK TAV 345 -ROCK TV1 115*	1	170.4	51.5	0.9573	1.0193	1.1831/0.9647
FISHKILL 345 -E FISH I 115*	1	149.2	72.8	0.8987*	0.9647*	1.1830/0.9647
PLTVLLEY 345 -PL.VAL 1 115*	1	96.3	121.3	0.6219*	0.9395	1.1173/0.9141
RAMAPO 5 500 -RAM PAR 345*	1	440.6	168.3	0.9341*	0.9750	1.1000/0.9000
BOWLINE2 345 -BOW138 138*	1	244.1	69.0	0.9623	0.9937	1.0250/0.9000
	0	0.0	0.0	1.0000	0.0000*	0.0000/0.0000
BUCH N 345 -BUCHNTA5 138*	1	100.2	-5.5	0.9985	1.0225	1.1040/0.8670
DUNWODIE 345 -DUN NO 138*	1	248.6	34.3	0.9906	0.9926	1.1041/0.8670
DUNWODIE 345 -DUN SO 138*	1	264.1	111.2	0.9216*	0.9704	1.1041/0.8670
E VIEW1 345 -EASTVIEW 138*	1	198.3	121.5	0.8527*	0.9633	1.1041/0.8670
E VIEW2 345 -EASTVIEW 138*	1	194.6	99.0	0.8913*	0.9633	1.1041/0.8670
E VIEW3 345 -EASTVIEW 138*	1	194.0	98.6	0.8915*	0.9633	1.1041/0.8670
E VIEW4 345 -EASTVIEW 138*	1	194.0	98.6	0.8915*	0.9633	1.1041/0.8670
E15ST 45 345 -E13 ST 138*	1	168.3	85.1	0.8925*	0.9923	1.1041/0.8670
E15ST 45 345 -T14MPT 138	1	144.3	73.1	0.8921*	1.0000	1.5000/0.5100
E15ST 46 345 -E13 ST 138*	1	161.9	82.6	0.8908*	0.9923	1.1041/0.8670
E15ST 46 345 -T13MPT 138	1	150.4	75.7	0.8932*	1.0000	1.5000/0.5100
E15ST 47 345 -E13 ST 138*	1	168.9	86.5	0.8902*	0.9923	1.1041/0.8670
E15ST 47 345 -E RIVER 69.0*	1	-111.1	-15.1	-0.9909	1.0428	1.0870/0.8540
E15ST 48 345 -E13 ST 138*	1	170.6	86.3	0.8923*	0.9923	1.1041/0.8670
E15ST 48 345 -T11MPT 138	1	151.2	76.5	0.8922*	1.0000	1.5000/0.5100
FARRAGUT 345 -F/S38M11 138*	1	99.1	18.5	0.9831	1.0080	1.1040/0.8670
FARRAGUT 345 -F/S38M12 138*	1	99.1	18.1	0.9837	1.0077	1.1040/0.8670
FARRAGUT 345 -F/S38M13 138*	1	24.8	-13.9	0.8730*	1.0308	1.1040/0.8670
FARRAGUT 345 -F/S38M14 138*	1	99.5	17.8	0.9844	1.0077	1.1040/0.8670
FARRAGUT 345 -FGT/BRT1 138*	1	180.8	58.1	0.9520	0.9930	1.1040/0.8670
FARRAGUT 345 -FGT/BRT2 138*	1	180.0	57.3	0.9529	0.9930	1.1040/0.8670
FARRAGUT 345 -FGT/BRT3 138*	1	180.2	57.4	0.9528	0.9930	1.1040/0.8670
FARRAGUT 345 -FGT/BRT4 138*	1	180.6	57.8	0.9524	0.9930	1.1040/0.8670
FARRAGUT 345 -FGT/HAT1 138*	1	88.2	37.8	0.9190*	1.0004	1.1040/0.8670
FARRAGUT 345 -FGT/HAT2 138*	1	90.4	46.8	0.8880*	0.9781	1.1040/0.8670
FARRAGUT 345 -FGT/HAT3 138*	1	58.3	19.0	0.9507	1.0062	1.1040/0.8670
FARRAGUT 345 -FGT/HAT4 138*	1	57.9	18.6	0.9521	1.0061	1.1040/0.8670
FARRAGUT 345 -FGT/HAT5 138*	1	58.4	21.5	0.9386*	1.0001	1.1040/0.8670
FARRAGUT 345 -FGT/HAT6 138*	1	90.7	46.3	0.8906*	0.9818	1.1040/0.8670
FARRAGUT 345 -FGT/HAT7 138*	1	89.5	43.5	0.8993*	0.9877	1.1040/0.8670
FARRAGUT 345 -HAE TR1 138*	1	-62.6	-8.1	-0.9917	1.0367	1.1041/0.8670
FARRAGUT 345 -HAE TR3 138*	1	-62.3	-15.2	-0.9716	1.0441	1.1041/0.8670
FGT-HUD9 345 -F/S38M15 138*	1	89.4	20.3	0.9752	1.0078	1.1041/0.8670
FGT-HUD9 345 -HAE TR2 138*	1	-61.2	-6.6	-0.9943	1.0352	1.1041/0.8670
FR KILLS 345 -FRKILLR2 138*	1	210.2	-2.9	0.9999	1.0286	1.0884/0.8900
FR KILLS 345 -FRKILLSR 138*	1	210.2	-0.1	1.0000	1.0286	1.0884/0.8900
GOTHLS R 345 -GOETH T 230*	1	-200.2	78.8	-0.9305*	1.0201	1.0879/0.9540
GOWANUSN 345 -GOWNUS1T 138*	1	150.1	-12.4	0.9966	1.0440	1.1041/0.8670
GOWANUSS 345 -GOWNUS2T 138*	1	150.2	-9.4	0.9981	1.0443	1.1041/0.8670
MILLWOOD 345 -MLWD TA 138*	1	58.8	16.0	0.9650	0.9855	1.1040/0.8670
MILLWOOD 345 -MLWD TA 138*	1	57.3	15.6	0.9647	0.9855	1.1040/0.8670
PL VILLE 345 -PLTVILLE13.6*	1	43.0	0.8	0.9998	1.0326	1.2186/0.9706
PL VILLW 345 -PLTVILLE13.6*	1	40.2	10.2	0.9691	1.0781	1.2353/0.9706
RAINEY 345 -RAINEY3W 138*	1	132.0	55.7	0.9213*	1.0000	1.1040/0.8670
RAINEY 345 -2E DUM 138*	1	138.2	40.6	0.9595	1.0000	1.0875/0.8545
RAINEY 345 -7E DUM 138*	1	116.2	62.5	0.8806*	1.0000	1.0875/0.8545
RAINEY 345 -7W DUM 138*	1	128.4	65.8	0.8899*	1.0000	1.0875/0.8545
RAINEY 345 -8E DUM 138*	1	-310.6	-4.1	-0.9999	1.0146	1.0875/0.8545
RAINEY 345 -8W DUM 138*	1	-244.5	60.3	-0.9709	1.0000	1.0875/0.8545
RAINEY 345 -9E DUM 138*	1	14.4	13.4	0.7322*	1.0000	1.1040/0.8670
RAMAPO 345 -RAMP138 138*	1	193.5	60.8	0.9541	0.9938	1.1000/0.9000
RAMAPO 345 -RAMP138 138*	1	193.5	60.8	0.9541	0.9938	1.1000/0.9000
SPRBROOK 345 -DUN NO T 138*	1	218.5	87.0	0.9291*	0.9704	1.1041/0.8670
SPRBROOK 345 -DUN SO T 138*	1	230.4	115.5	0.8939*	0.9630	1.1041/0.8670
TREMONT 345 -PARK TR1 138*	1	179.2	54.4	0.9568	0.9707	1.1041/0.8670
TREMONT 345 -PARK TR2 138*	1	181.2	54.0	0.9584	0.9707	1.1041/0.8670
W 49 ST 345 -W49 ST 1 138*	1	248.3	134.8	0.8788*	0.9807	1.1040/0.8670
W 49 ST 345 -W49 ST 2 138*	1	172.3	84.0	0.8988*	0.9934	1.1040/0.8670
W 49 ST 345 -W49 ST 3 138*	1	250.3	142.2	0.8695*	0.9786	1.1040/0.8670
W 49 ST 345 -W49 ST 4 138*	1	286.9	174.5	0.8543*	0.9687	1.1040/0.8670
W 49 ST 345 -W49 ST 5 138*	1	285.4	166.8	0.8634*	0.9734	1.1040/0.8670

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GOETH T  230  -GOETHALS 230  1  -200.3    11.4 -0.9984   1.0000   1.5000/0.5100
S. BRONX 345  -SBNXT1   138* 1    62.4    -0.9  0.9999   1.0296   1.1040/0.8670
S. BRONX 345  -SBNXT2   138* 1    62.4    -0.9  0.9999   1.0296   1.1040/0.8670
S. BRONX 345  -SBNXT3   138* 1    62.4    -0.9  0.9999   1.0296   1.1040/0.8670
S. BRONX 345  -SBNXT4   138* 1    62.4    -0.9  0.9999   1.0296   1.1040/0.8670
GOETH T  230  -GOETH 1313.6  1     0.1    67.0  0.0018*  1.0000   1.5000/0.5100
                             0     0.0     0.0  1.0000   0.0000*  0.0000/0.0000
                             0     0.0     0.0  1.0000   0.0000*  0.0000/0.0000
SHORE RD 345  -SHORE RD 138* 1   311.9    22.4  0.9974   0.9925   1.1200/0.8800
SHORE RD 345  -SHORE RD 138* 1   310.9    22.4  0.9974   0.9924   1.1200/0.8800
E.G.C.-1 345  -E.G.C.   138* 1   317.5    15.3  0.9988   0.9989   1.1200/0.8800
E.G.C.-2 345  -E.G.C.-2 138* 1   317.5    15.6  0.9988   0.9991   1.1200/0.8800
COOPC345 345  -COOPC115 115* 1    48.1    -1.3  0.9996   0.9875   1.1500/0.9500
COOPC345 345  -COOPC115 115* 1    48.5    -1.5  0.9995   0.9875   1.1500/0.9500
FRASVC1818.2  -FRASR345 345  1     0.0   176.9  0.0000*  1.0000   1.5000/0.5100
FRASR345 345  -FRASR115 115* 1    36.9    23.8  0.8403*  0.9925   1.1468/0.9474
OAKDL345 345  -OAK2M115 115  1   119.2   -58.9  0.8966*  1.0721   1.1478/0.9391
OAKDL345 345  -OAK3M115 115  1   105.0   -64.8  0.8509*  1.0721   1.1478/0.9391
STOLE345 345  -STOLE115 115* 1    56.6    49.7  0.7515*  1.0385   1.0769/0.9744
STOLE345 345  -STOLE115 115* 1    56.2    49.2  0.7523*  1.0385   1.0769/0.9744
WATRC345 345  -WATRC230 230* 1   136.3   116.2  0.7611*  0.9625   1.1000/0.9000
WOODA345 345  -WOODS115 115* 1   167.9   103.5  0.8512*  0.9125   1.0500/0.8500
WOODB345 345  -WOODS115 115* 1   142.1    98.4  0.8222*  0.9125   1.0500/0.8500
GARDV230 230  -GARDN M734.5  1    83.7    45.5  0.8784*  1.0000   1.0750/0.9250
GARDV230 230  -GARDN M634.5  1   100.7    59.5  0.8608*  1.0000   1.0750/0.9250
HILSD230 230  -HILSD M334.5  1    95.0   -60.7  0.8426*  1.0000   1.5000/0.5100
HILSD230 230  -HILSD M434.5  1    68.2   129.3  0.4667*  1.0000   1.5000/0.5100
MEYER230 230  -MEYER M434.5  1    83.0   -10.9  0.9915   1.0250*  1.0250/0.8750
OAKDL230 230  -OAKDL115 115  1    74.9    48.1  0.8414*  0.9785   1.5000/0.5100
ROBIN230 230  -ROBIN M134.5  1    53.1    10.3  0.9816   1.0187   1.1000/0.9000
DUNKIRK  230  -DUNKIRK1 115* 1    45.2    -7.7  0.9857   1.0270   1.0779/0.9341
DUNKIRK  230  -DUNKIRK1 115* 1    47.3    -8.6  0.9837   1.0272   1.0875/0.9422
DUNKIRK  230  -DUNKGEN313.8  1  -189.9   -54.3 -0.9615   1.0977   1.5000/0.5100
ELM-70   230  -ELMST23.23.0  1    48.6    26.6  0.8776*  1.1000*  1.1000/0.9000
ELM-71   230  -ELMST23.23.0  1    20.8    17.4  0.7656*  1.1000*  1.1000/0.9000
ELM-72   230  -ELMST23.23.0  1    20.7    17.4  0.7654*  1.1000*  1.1000/0.9000
GRDNVL2  230  -GRDNVL1  115* 1    99.7    42.9  0.9187*  0.9641   1.0302/0.8865
GRDNVL2  230  -GRDNVL1  115* 1    62.2    26.7  0.9187*  0.9641   1.0302/0.8865
GRDNVL2  230  -GRDNVL1  115* 1    62.8    27.0  0.9187*  0.9641   1.0302/0.8865
PACKARD2 230  -PACK(N)E 115* 1    28.3   -30.1  0.6838*  1.0182   1.0268/0.8899
PACKARD2 230  -PACK(S)W 115* 1   -37.8    19.9 -0.8850*  0.9840   1.0268/0.8899
SUNY-79  230  -SUNYAB2334.5  1    18.9     6.8  0.9404*  0.9700   1.5000/0.5100
SUNY-80  230  -SUNYAB2334.5  1    18.7     6.7  0.9411*  0.9700   1.5000/0.5100
CLAY     345  -CLAY     115* 1   147.2     6.9  0.9989   1.0500*  1.0540/1.0500
CLAY     345  -CLAY     115* 1   146.9     6.9  0.9989   1.0500*  1.0540/1.0500
DEWITT 3 345  -DEWITT 1 115* 1   222.4    77.9  0.9438*  1.0300*  1.0540/1.0300
ELBRIDGE 345  -ELBRIDGE 115* 1   177.0    37.4  0.9784   1.0300*  1.0540/1.0300
OSWEGO   345  -OSW 3&4  115* 1   213.2    57.8  0.9652   1.0002   1.0500/0.8630
SCRIBA   345  -SCRIBA   115  1     3.3     0.0  1.0000   1.0000   1.5000/0.5100
SCRIBA   345  -SCRIBA   115  1     3.3     0.0  1.0000   1.0000   1.5000/0.5100
KB-AD115 115  -ADRON B1 230  1     0.0     0.5  0.0000*  1.0250   1.5000/0.5100
EDIC     345  -PORTER 2 230  1   249.0   108.0  0.9175*  1.0000   1.5000/0.5100
EDIC     345  -PORTER 1 115* 1   149.0     0.1  1.0000   0.9901   1.0540/0.8630
EDIC     345  -PORTER 1 115* 1   149.0     0.1  1.0000   0.9901   1.0540/0.8630
PORTER 2 230  -PORTER 1 115* 1     0.8    57.2  0.0144*  0.9425   1.1000/0.9000
PORTER 2 230  -PORTER 1 115* 1     0.8    57.2  0.0144*  0.9425   1.1000/0.9000
N.SCOT77 345  -N.SCOT1  115* 1   153.4   -25.8  0.9861   1.0316   1.0543/0.8623
N.SCOT99 345  -N.SCOT1  115* 1   155.7   -25.7  0.9866   1.0316   1.0540/0.8620
REYNLD3  345  -REY. RD. 115* 1   204.9    30.3  0.9892   1.0088   1.0540/0.8620
ROTRDM.2 230  -RTRDM1   115* 1   211.6    38.1  0.9842   0.9883   1.0063/0.8145
ROTRDM.2 230  -RTRDM1   115* 1   200.5    -5.6  0.9996   1.0065   1.0500/0.8500
ROTRDM.2 230  -RTRDM1   115* 1   163.9    29.1  0.9845   0.9883   1.0063/0.8146
WHAV345  345  -WHAV138  138* 1   274.3    67.4  0.9711   1.0063   1.0250/0.9000
SMAHWAH1 345  -SMAH138  138* 1   202.5   149.9  0.8037*  0.9667   1.0200/0.9000
N.M.TAP  345  -SHOEMTAP 138* 1   359.0   165.1  0.9085*  0.9510*  1.2500/0.9510
MARCY765 765  -MARCY T1 345* 1   722.3    -0.8  1.0000   1.0000   1.0606/0.8240
MARCY765 765  -MARCY T1 345* 1   611.8  -204.1  0.9486*  1.0192   1.1183/0.8687
MASS 765 765  -MASS230A 230  1   -72.5    28.4 -0.9310*  0.9665   1.5000/0.5100
MASS 765 765  -MASS230B 230  1   -72.5    28.4 -0.9310*  0.9665   1.5000/0.5100
NIAG 345 345* -NIAGAR2E 230  1  -161.0    38.0 -0.9733   0.9900   1.0500/0.9500
NIAG 345 345* -NIAGAR2E 230  1  -161.0    38.0 -0.9733   0.9900   1.0500/0.9500
NIAG 345 345* -NIAGAR2W 230  1  -320.2    75.5 -0.9733   0.9900   1.0400/0.9650
MOSES W  230  -MOS 115  115  1   -19.6     6.4 -0.9510   0.9790   1.5000/0.5100
MOSES W  230  -MOS 115  115  1   -19.3     6.3 -0.9510   0.9790   1.5000/0.5100
MOSES W  230  -MOS 115  115  1    -7.6     2.5 -0.9487*  0.9790   1.5000/0.5100
MOSES W  230  -MOS 115  115  1   -19.5     6.3 -0.9511   0.9790   1.5000/0.5100
NIAGAR2W 230  -NIAG115E 115  1     1.0   -19.5  0.0502*  1.0000   1.5000/0.5100
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NIAGAR2W	230	-NIAG115W	115	1	-81.2	39.4	-0.8997*	1.0283	1.5000/0.5100		
PLAT T#1	230	-PLAT 115	115*	1	0.0	-32.7	0.0012*	0.9730*	1.1314/0.9730		
PLAT T#4	230	-PLAT 115	115*	1	9.7	75.6	0.1273*	1.0607	1.1314/0.9730		
WILLIS E	230	-WILL 115	115*	1	30.0	15.9	0.8836*	1.0297	1.1314/0.9730		
WILLIS W	230	-WILL 115	115*	1	30.0	15.9	0.8835*	1.0297	1.1314/0.9730		
ROCH 345	345	-S80 1TR	115*	1	130.0	-1.5	0.9999	1.0251	1.1001/0.9500		
ROCH 345	345	-S80 2TR	115*	1	170.6	-27.2	0.9875	0.9629	1.0500/0.9500		
ROCH 345	345	-S80 3TR	115*	1	129.6	-1.5	0.9999	1.0251	1.1001/0.9500		
PANNELL3	345	-PANNELLI	115*	1	93.6	-9.5	0.9949	1.0187	1.0750/0.9250		
PANNELL3	345	-PANNELLI	115*	1	93.6	-9.5	0.9949	1.0187	1.0750/0.9250		

TRANSMISSION LINE FLOW REPORT

LINE				RATEA	RATEB	RATEC	MVA	MW	MVAR FROM	MVAR TO	MVAR NET
CHA-NY	765	-MASS	765	3975.	3975.	5300.	1241.	1200.	-316.	143.	-174.
MASS 765	765	-MARCY765	765	3975.	3975.	5300.	1401.	1342.	-401.	-4.	-405.
NORHR138	138	-NRTHPT P	138	466.	577.	1577.	112.	100.	-51.	-41.	-92.
HOMER CY	345	-WATRC345	345	755.	927.	0.	392.	390.	40.	9.	50.
BRANCHBG	500	-RAMAPO 5	500	1048.	1373.	0.	448.	442.	76.	-168.	-92.
STLAWR33	220	-STLAWL33	230	300.	498.	0.	0.	0.	0.	2.	1.
STLAWR34	230	-STLAWL34	230	300.	498.	0.	2.	0.	-2.	2.	0.
OAKDL345	345	-FRASR345	345	1255.	1380.	1380.	653.	651.	-52.	116.	64.
CLAY	345	-EDIC	345	1033.	1285.	1434.	597.	596.	30.	17.	47.
CLAY	345	-EDIC	345	1033.	1285.	1434.	599.	598.	30.	17.	47.
VOLNEY	345	-MARCY T1	345	1434.	1792.	1912.	747.	740.	100.	-10.	90.
JA FITZP	345	-EDIC	345	1434.	1434.	1912.	752.	746.	92.	24.	116.
MASS 765	765	-MARCY765	765	3975.	3975.	5300.	1401.	1342.	-401.	-4.	-405.
MOSES W	230	-ADRON B1	230	348.	359.	440.	148.	148.	-4.	5.	1.
MOSES W	230	-ADRON B2	230	348.	386.	440.	148.	148.	-4.	5.	1.
EDIC	345	-N.SCOT77	345	1331.	1528.	1724.	923.	923.	24.	251.	275.
PORTER 2	230	-ROTRDM.2	230	440.	505.	560.	262.	261.	-17.	71.	54.
PORTER 2	230	-ROTRDM.2	230	439.	505.	560.	269.	268.	-18.	74.	56.
MARCY T1	345	-N.SCOT99	345	1487.	1792.	1792.	1015.	1011.	84.	219.	303.
CTNY398	345	-PLTVLLEY	345	1195.	1386.	1685.	307.	-301.	63.	-64.	-1.
** LINE ERROR **				0.	0.	0.	0.	0.	0.	0.	0.
COOPC345	345	-N.M.TAP	345	1464.	1793.	1793.	804.	802.	64.	12.	76.
LEEDS 3	345	-HURLEY 3	345	1395.	1623.	1870.	707.	706.	24.	17.	41.
LEEDS 3	345	-PLTVLLEY	345	1331.	1538.	1724.	1099.	1091.	128.	68.	196.
ATHENS	345	-PLTVLLEY	345	1331.	1538.	1724.	1059.	1051.	125.	59.	184.
SPRBROOK	345	-REACM51	345	774.	866.	1291.	417.	410.	-75.	131.	56.
SPRBROOK	345	-REACM52	345	774.	866.	1291.	417.	410.	-75.	131.	56.
REACM51	345	-W 49 ST	345	774.	866.	1291.	431.	410.	-131.	-214.	-345.
REACM52	345	-W 49 ST	345	774.	866.	1291.	431.	410.	-131.	-214.	-345.
DUNWODIE	345	-REAC71	345	715.	817.	1081.	393.	381.	-96.	146.	50.
DUNWODIE	345	-REAC72	345	715.	817.	1081.	393.	381.	-96.	146.	50.
** LINE ERROR **				0.	0.	0.	0.	0.	0.	0.	0.
** LINE ERROR **				0.	0.	0.	0.	0.	0.	0.	0.
REAC71	345	-S. BRONX	345	715.	817.	1081.	408.	381.	-146.	-53.	-199.
REAC72	345	-S. BRONX	345	715.	817.	1081.	408.	381.	-146.	-53.	-199.
S. BRONX	345	-RAINEY	345	715.	817.	1081.	261.	255.	55.	-135.	-80.
S. BRONX	345	-RAINEY	345	715.	817.	1081.	261.	255.	55.	-135.	-80.
** LINE ERROR **				0.	0.	0.	0.	0.	0.	0.	0.
SPRBROOK	345	-REACBUS	345	1243.	1386.	1530.	701.	640.	-287.	287.	0.
DUNWODIE	345	-SHORE RD	345	687.	962.	1512.	639.	625.	-133.	-194.	-327.

PAR FLOW AND ANGLE REPORT

PAR				MW	MVAR	ANGLE	ANGLE RANGE
LINDEN	230	-LIN SHF	230	200.1	-151.0	-5.7	25.0/-25.0
WALDWICK	230	-FAIRL SH	230	300.0	375.6	-25.7	35.0/-35.0
WALDWICK	230	-HAWTH SH	230	310.0	-34.8	-24.2	30.0/-30.0
WALDWICK	230	-HILLS SH	230	330.1	-85.7	-24.6	32.0/-32.0
STLAWR33	220	-STLAWL33	230	0.0	-0.2	7.4	40.0/-40.0
STLAWR34	230	-STLAWL34	230	0.0	-2.2	7.4	40.0/-40.0
FARRAGUT	345	-FARRGUT1	345	-400.3	40.3	-23.4	30.0/-30.0
FARRAGUT	345	-FARRGUT2	345	-400.3	37.8	-23.9	30.0/-30.0
GOTHLS N	345	-GOTHLS R	345	-200.0	89.3	-20.3	25.0/-25.0
RAM PAR	345	-RAMAPO	345	220.2	76.2	19.6	40.0/-40.0
RAM PAR	345	-RAMAPO	345	220.2	76.2	19.6	40.0/-40.0
CORONA-S	138	-CORONA1R	138	0.3	8.0	11.9	25.0/-25.0
DUN NO	138	-DUN NO1R	138	64.7	9.0	-11.2	20.0/-20.0
DUN NO	138	-DUN NO2R	138	64.7	9.3	-11.2	20.0/-20.0
DUN SO	138	-DUN SO1R	138	65.0	3.5	-13.0	25.0/-25.0

DUN SO 138	-DUN SO1R 138	65.0	3.5	-13.0	25.0/-25.0
CORONA-N 138	-CORONA2R 138	0.3	26.5	12.1	25.0/-25.0
FRKILLR2 138	-FR-KILLS 138	209.9	-18.1	-10.1	25.0/-25.0
FRKILLSR 138	-FR-KILLS 138	209.9	-16.1	-10.8	25.0/-25.0
GOWNUS1T 138	-GOWNUS1R 138	149.9	-24.3	-10.4	25.0/-25.0
GOWNUS2T 138	-GOWNUS2R 138	149.9	-20.8	-10.1	25.0/-25.0
ASTE-PAR 138	-ASTE-WRG 138	-230.1	0.7	8.6	25.0/-25.0
PARK TR1 138	-PARK1REG 138	180.9	37.2	-14.4	25.0/-25.0
PARK TR2 138	-PARK2REG 138	180.9	36.4	-14.5	25.0/-25.0
** LINE ERROR **		0.0	0.0	0.0*	0.0/ 0.0
** LINE ERROR **		0.0	0.0	0.0*	0.0/ 0.0
EGC PAR 345	-E.G.C.-1 345	317.7	34.3	3.7	25.0/-25.0
EGC PAR 345	-E.G.C.-2 345	317.7	34.6	3.8	25.0/-25.0
L SUCSPH 138	-L SUCS 138	-147.8	27.8	-6.3	25.0/-25.0
NRTHPT P 138	-NRTHPT1 138	100.0	40.9	-5.3	50.0/-50.0
V STRM P 138	-VLY STRM 138	-141.7	54.7	-6.9	25.0/-25.0
INGMS-CD 115	-INGHAM-E 115	120.0	-9.3	12.3	20.0/-20.0
PLAT 115 115	-PLAT T#3 115	0.0	0.0	19.4	40.0/-40.0

HVDC LINE FLOW REPORT

LINE NAME	MDC	MW	MVAR
COAL CR4 230 ->DICKNSN3 345*	1	1 -505.1	310.3
COAL CR4 230 ->DICKNSN3 345*	2	1 -505.1	310.3
SQBUTTE4 230* ->ARROWHD4 230	3	2 220.5	135.7
SQBUTTE4 230* ->ARROWHD4 230	4	2 220.5	135.7
RADSNDC6 138* ->DC5 JCT4 230	5	1 819.5	488.5
RADSNDC6 138* ->DC6 JCT4 230	6	1 819.5	488.9
HENDAY 4 230* ->DORSEY 4 230	7	1 931.0	579.3
HENDAY 4 230* ->DORSEY 4 230	8	1 931.0	579.3
MI CTYW4 230 ->MI CTYE4 230*	9	1 -32.0	65.6
SIDNEYW4 230 ->SIDNEY 4 230*	10	0 0.0	0.0
CHAT G 315 ->CHAT G3 120*	11	1 -383.7	246.5
CHAT G2 315 ->CHAT G4 120*	12	1 -383.7	246.5
HIGHGT 120 ->HIGHGATE 115*	13	1 -167.0	87.2
MADAWA 315 ->MADAWANB 345*	14	0 0.0	0.0
EEL34A 34.5 ->EELDC2NB34.5*	15	0 0.0	0.0
EEL34B 34.5 ->EELDC1NB34.5*	16	0 0.0	0.0
RAD3152 315 ->NIC230 230*	17	0 0.0	0.0
RAD3152 315 ->NIC230 230*	18	0 0.0	0.0
RAD3152 315 ->SANDY PD 345*	19	1 -750.0	372.8
RAD3152 315 ->SANDY PD 345*	20	1 -750.0	372.8
CHAT G3 120* ->CHAT G 315	21	0 0.0	0.0
CHAT G4 120* ->CHAT G2 315	22	0 0.0	0.0
MADAWANB 345 ->MADAWA 315*	24	0 0.0	0.0
EELDC2NB34.5 ->EEL34A 34.5*	25	0 0.0	0.0
OTAWE 81 315 ->OTAWE220 220*	27	0 0.0	0.0
OTAWE 81 315 ->OTAWE220 220*	28	0 0.0	0.0
OTAWE220 220 ->OTAWE 81 315*	37	0 0.0	0.0
OTAWE220 220 ->OTAWE 81 315*	38	0 0.0	0.0

LBMP ZONE REPORT

	ZONE NAME	LOAD MW	MVAR	PF	LOSS MW	MVAR	GEN MW	MVAR	INT MW	MVAR
1	WEST	2571.	1072.	0.9230	84.	1196.	4716.	1173.	2060.	-220.
2	GENESEE	1764.	559.	0.9534	61.	471.	687.	6.	-1138.	216.
3	CENTRAL	2847.	1277.	0.9124	163.	2157.	5496.	1401.	2485.	-452.
4	NORTH	687.	250.	0.9398	17.	267.	1207.	60.	503.	-87.
5	MOHAWK	1097.	379.	0.9451	185.	2345.	688.	203.	-594.	5.
6	CAPITAL	2159.	834.	0.9328	82.	893.	2201.	1342.	-40.	853.
7	HUDSON	2548.	783.	0.9559	118.	1794.	3154.	1403.	488.	8.
8	MILLWOOD	779.	301.	0.9330	46.	1016.	2135.	811.	1310.	223.
9	DUNWOODI	1553.	733.	0.9044	36.	1065.	3.	0.	-1586.	47.
10	NYC	11927.	5589.	0.9055	146.	4862.	8585.	3963.	-3489.	-447.
11	L ISLAND	5594.	1973.	0.9430	89.	1293.	3683.	982.	-2000.	436.
	TOTALS	33526.	13749.		1028.	17359.	32556.	11343.	-2001.	582.

LBMP SUBZONE REPORT

LBMP SUBZONE NAME		LOAD MW	MVAR	PF	LOSS MW	MVAR
NMPC WES	1	1611.5	686.8	0.9199	61.8	793.6
NMPC CEN	2	1639.3	736.0	0.9123	84.2	1341.4
NMPC MVN	3	765.3	220.5	0.9609	178.3	2310.8

NMPC EAS	4	2037.8	781.0	0.9338	78.0	874.9
NYSEG WE	5	511.5	242.4	0.9037	18.7	235.3
NYSEG CE	6	1132.0	504.8	0.9133	78.8	816.1
NYSEG EA	7	265.7	127.6	0.9014	6.7	33.9
NYSEG HU	8	16.8	6.9	0.9262	0.0	0.0
RG&E	9	1458.5	460.6	0.9536	31.0	363.8
CENT HUD	10	1340.0	374.3	0.9631	84.4	1144.3
O&R	11	1191.1	401.7	0.9476	20.0	241.5
LIPA	12	5569.8	1962.5	0.9432	89.8	1270.1
NYPA WES	13	448.0	142.6	0.9529	3.6	167.5
NYPA NOR	14	514.4	188.7	0.9388	5.6	123.7
CON ED C	15	11926.8	5589.1	0.9055	146.4	4853.8
NYPA B	16	38.0	18.4	0.9000	0.7	1.6
NYPA C	17	75.6	36.6	0.9000	0.0	0.0
NYPA E	18	61.3	29.5	0.9009	0.0	0.0
NYSEG NO	19	103.2	43.9	0.9201	2.4	33.1
NYPA F	20	20.9	10.1	0.8999	0.0	0.2
NYSEG ME	21	100.3	42.7	0.9200	3.8	18.4
NYPA H	22	35.2	20.8	0.8609	3.2	152.3
CON ED N	23	319.2	150.6	0.9045	30.6	719.7
NYPA I	24	0.0	0.0		0.0	0.0
CON ED C	25	1553.1	732.8	0.9044	35.1	1061.4
NYPA J	26	0.0	0.0		0.0	8.4
NYPA K	27	24.2	10.8	0.9128	0.6	26.1
NYPA G	28	0.0	0.0		0.0	0.0
NMPC GNS	29	267.5	79.5	0.9586	29.5	104.6
NYSEG BR	30	424.4	129.2	0.9567	12.3	144.0
NMPC NTH	31	69.4	17.1	0.9710	9.2	109.9
CE UPNY	32	0.0	0.0		13.4	407.8
CENT H C	33	4.8	1.7	0.9396	0.0	0.0
	34	0.0	0.0		0.0	0.0

SUBSYSTEM LOAD & LOSS MW 33525.8 1028.0

OWNER REPORT

OWNER NAME		LOAD MW	MVAR	PF	LOSS MW	MVAR
CENT HUD	1	1344.8	376.0	0.9631	37.1	541.4
CONED	2	13799.1	6472.4	0.9054	214.7	6662.3
LIPA	3	5594.0	1973.3	0.9430	87.1	1304.6
NYSEG	4	2494.9	1068.9	0.9192	127.4	1467.6
NIMO	5	6175.1	2408.8	0.9316	343.6	3628.5
O&R	6	1191.1	401.7	0.9476	23.0	432.5
NYPA	7	1468.3	587.6	0.9284	164.8	3017.5
RGE	8	1458.5	460.6	0.9536	30.8	356.2

SUBSYSTEM LOAD & LOSS MW 33525.8 1028.6