

Appendix D

Operating Case: Load Flow Data Information

**Deliverability Operating Case:
Area Totals**

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS/E						WED, NOV 09 2005 14:24		
OP4: 04 SUM OPS CASE						AREA TOTALS		
UPDATED FOR 2005						IN MW/MVAR		
AREA	FROM GENERATION	TO LOAD	TO BUS SHUNT	TO LINE SHUNT	FROM CHARGING	TO NET INT	LOSSES	DESIRED NET INT
1	4980.6	2681.0	0.5	0.2	0.0	2200.2	98.6	2369.0
WEST	1414.2	1076.4	-174.9	0.4	667.0	-196.0	1375.4	
2	739.1	1847.0	0.0	0.0	0.0	-1179.7	71.8	-1260.0
GENESSEE	151.3	567.8	-772.2	0.0	331.5	172.6	514.6	
3	5011.0	2849.0	0.0	0.0	0.0	2018.1	144.0	2626.0
CENTRAL	1256.3	1271.0	-619.4	0.0	895.3	-458.8	1958.7	
4	1155.4	696.0	0.0	0.0	0.0	441.5	17.9	545.0
NORTH	-19.9	287.2	-323.0	0.0	348.9	101.6	263.2	
5	481.1	1173.0	0.0	0.0	0.0	-824.1	132.3	-860.0
MOHAWK	31.1	405.7	-1054.8	0.0	1307.3	274.4	1713.2	
6	2985.5	2133.0	0.0	0.0	0.0	772.6	80.0	-210.0
CAPITAL	397.8	908.7	-1444.8	0.0	355.9	419.9	869.9	
7	3072.8	2264.0	0.0	0.2	0.0	700.4	108.3	469.0
HUDSON	908.6	731.3	-290.8	0.8	595.6	-417.4	1480.3	
8	2026.9	643.9	0.0	0.0	0.0	1344.9	38.3	1481.0
MILLWOOD	865.1	294.9	-351.4	0.0	347.8	344.2	925.3	
9	3.0	1385.2	0.0	0.0	0.0	-1423.9	41.6	-1450.0
DUNWOODI	0.0	655.4	718.2	0.0	2479.3	189.3	916.4	
10	7493.4	11091.7	0.0	0.0	0.0	-3742.7	144.4	-3652.0
NYC	3773.2	5396.7	-2334.2	0.0	3342.8	-706.0	4759.0	
11	4182.7	5085.0	0.0	0.0	0.0	-985.7	83.1	-1000.0
L ISLAND	501.8	1310.6	-701.0	0.0	1217.8	-38.1	1148.2	
TOTALS	32131.6	31848.8	0.5	0.3	0.0	-678.3	960.3	-942.0
	9279.4	12905.5	-7348.4	1.2	11889.1	-314.4	15924.1	

**Deliverability Operating Case:
Phase Angle Regulators**

OP4: 04 SUM OPS CASE													
UPDATED FOR 2005													
PAR NAME	FROM-BUS			TO-BUS			CKT	ANGMAX	ANGMIN	ANGLE	FLOW	RATE	ANG-LIMIT
BARRETT	75032	BARRETT2	138	75033	BRRT	PH	138 1	10.0	-10.0	-1.2	75.1	235.	NO
CORONA NORTH	74413	CORONA	138	74414	CORONA1R		138 1	25.0	-25.0	-16.3	-50.0	181.	NO
CORONA SOUTH	74413	CORONA	138	74415	CORONA2R		138 1	25.0	-25.0	-16.3	-50.0	181.	NO
DUNWOODIE-SHERMAN 1	74418	DUN NO	138	74420	DUN NO1R		138 1	20.0	-20.0	3.5	120.2	161.	NO
DUNWOODIE-SHERMAN 2	74418	DUN NO	138	74421	DUN NO2R		138 1	20.0	-20.0	3.6	120.2	161.	NO
DUNWOODIE SOUTH 1	74422	DUN SO	138	74424	DUN SO1R		138 1	25.0	-25.0	2.5	105.1	112.	NO
DUNWOODIE SOUTH 2	74422	DUN SO	138	74424	DUN SO1R		138 2	25.0	-25.0	2.5	105.1	112.	NO
EGCITY 1	75001	EGC PAR	345	75002	E.G.C. -1		345 1	25.0	-25.0	4.6	316.2	468.	NO
EGCITY 2	75001	EGC PAR	345	75003	E.G.C. -2		345 1	25.0	-25.0	4.6	316.2	468.	NO
FARRAGUT TR1 B-LINE	74327	FARRAGUT	345	74328	FARRGUT1		345 1	30.0	-30.0	6.7	-398.7	503.	NO
FARRAGUT TR2 C-LINE	74327	FARRAGUT	345	74329	FARRGUT2		345 1	30.0	-30.0	6.8	-398.8	497.	NO
FRESH KILLS R2	74468	FR-KILLS	138	74469	FRKILLR2		138 1	25.0	-25.0	4.2	-174.7	275.	NO
FRESH KILLS R1	74468	FR-KILLS	138	74470	FRKILLSR		138 1	25.0	-25.0	3.6	-174.8	272.	NO
GOETHALS A-LINE	74333	GOTHLS N	345	74334	GOTHLS R		345 1	25.0	-25.0	-8.1	-200.0	499.	NO
GOWANUS 1	74476	GOWNUS1R	138	74477	GOWNUS1T		138 1	25.0	-25.0	3.2	-139.8	226.	NO
GOWANUS 2	74478	GOWNUS2R	138	74479	GOWNUS2T		138 1	25.0	-25.0	2.7	-159.7	226.	NO
INGHAMS	78478	INGMS-CD	115	79136	INGHAM-E		115 1	20.0	-20.0	5.1	119.9	167.	NO
LAKE SUCCESS	75046	L SUCS	138	75047	L SUCSPH		138 1	25.0	-25.0	-10.7	147.7	321.	NO
NORTHPORT	75051	NRTHPRT1	138	75052	NRTHPRT2		138 1	15.0	-15.0	-0.7	-92.4	428.	NO
NORTH-NRWALK	75053	NRTHPT P	138	75075	NRTHPT1		138 1	50.0	-50.0	1.7	100.2	450.	NO
PARK 1	74512	PARK TR1	138	74516	PARK1REG		138 1	25.0	-25.0	3.3	198.1	240.	NO
PARK 2	74513	PARK TR2	138	74517	PARK2REG		138 1	25.0	-25.0	2.6	206.2	240.	NO
PILGRIM	75054	PILGRM P	138	75056	PILGRIM		138 1	25.0	-25.0	-0.9	-137.5	321.	NO
RAMAPO 1	74346	RAM PAR	345	74347	RAMAPO		345 1	40.0	-40.0	11.4	121.2	545.	NO
RAMAPO 2	74346	RAM PAR	345	74347	RAMAPO		345 2	40.0	-40.0	11.4	121.2	545.	NO
VALLEY STREAM	75066	VLV STRM	138	75067	V STRM P		138 1	25.0	-25.0	-10.3	104.7	321.	NO
ST LAWRENCE PS34	81255	STLAWL34	230	81259	STLAWR34		230 34	40.0	-40.0	14.0	0.0	300.	NO
ST LAWRENCE PS33	81256	STLAWL33	230	81257	STLAWR33		220 33	40.0	-40.0	14.0	0.3	240.	NO

**Deliverability Operating Case:
Rest-of-State Generators**

BUS#	NAME	BSKV	ID	PMAX
77951	9M PT 1G	23	1	626
77950	9M PT 2G	25	2	1212
78000	ALCOA-NM	115	1	79
76411	ALICE F\$	46	1	1.6
76411	ALICE F\$	46	2	0.7
78001	ALLENS F	115	1	3.5
76807	AM BRASS	115	1	62
79549	ASHOKAN	13.8	1	5
78706	ATHENSC1	16	1	217.2
78708	ATHENSC2	16	1	217.2
78710	ATHENSC3	16	1	217.2
78707	ATHENSS1	13.8	1	95.6
78709	ATHENSS2	13.8	1	95.6
78711	ATHENSS3	13.8	1	95.6
75534	AUB HSC\$	34.5	1	0.3
75533	AUB HY \$	115	1	0.4
75533	AUB HY \$	115	2	1
78825	AVE-A+ST	34.5	1	0.1
79945	B.B 12	13.8	C	79
77567	BALDW1T9	34.5	1	0.3
77567	BALDW1T9	34.5	2	0.3
77567	BALDW1T9	34.5	3	1
79115	BATKILL	115	1	0.8
79115	BATKILL	115	2	0.4
78421	BEAVR FA	2.3	1	1.5
78421	BEAVR FA	2.3	2	1
78422	BELFORT	2.3	1	0.6
78422	BELFORT	2.3	2	0.6
78964	BETH STM	18	1	325
76707	BETHENRG	13.8	1	25
78961	BETHGT1	18	1	155
78962	BETHGT2	18	1	155
78963	BETHGT3	18	1	155
84278	BHN23 24	13.8	1	246
79214	BK+HV+FM	34.5	1	1
79214	BK+HV+FM	34.5	2	1.2
79214	BK+HV+FM	34.5	3	5
79214	BK+HV+FM	34.5	4	10
78423	BLACK RI	2.3	1	2
78423	BLACK RI	2.3	2	2
78423	BLACK RI	2.3	3	2
78408	BLAKE G	6.9	1	14
79391	BOW1	20	1	592
79390	BOW2	20	2	592
77583	BRIST HL	34.5	1	3.6
78009	BRNS FLS	115	1	0.6
78409	BROWNS F	6.9	1	7
78523	BUROWS P	46	1	4.3
77204	BURT	34.5	1	0.5
76419	CADYVILE	46	1	1.2

**Deliverability Operating Case:
Rest-of-State Generators**

BUS#	NAME	BSKV	ID	PMAX
76419	CADYVILE	46	2	1.2
76419	CADYVILE	46	3	1.1
78228	CATALDO	23	1	1
78746	CETI	115	1	44.8
78746	CETI	115	2	25
78416	CHASM HY	2.4	1	1.3
78416	CHASM HY	2.4	2	1.3
78416	CHASM HY	2.4	3	1.8
76479	CHATGY \$	34.5	1	1.6
76479	CHATGY \$	34.5	2	1.8
76479	CHATGY \$	34.5	3	16.5
77210	CHURCHST	34.5	1	1.3
78835	CIBRO	34.5	1	3.5
78012	CLIMAX	115	1	10
78012	CLIMAX	115	2	56
79223	CM+UN+HV	34.5	1	1.2
78013	COFFEEN	115	1	0.5
78400	COLTON G	13.8	1	9.3
78401	COLTONG2	13.8	1	9.3
78402	COLTONG3	13.8	1	9.4
78241	COPENGEN	23	1	1.6
78241	COPENGEN	23	2	1.6
76049	CORNEL \$	115	1	2
76049	CORNEL \$	115	2	9.1
75582	COWEE 1\$	115	1	0.5
74093	COXSACK	69	1	16
79248	CP+RCF	34.5	1	0.6
75768	CROTON \$	115	1	0.2
79542	CRSCNT#1	13.8	1	5.6
79543	CRSCNT#2	13.8	1	6
74200	DANSK DS	115	5	2.5
74200	DANSK DS	115	6	2.5
74196	DANSK G1	13.8	1	61.2
74195	DANSK G2	13.8	2	61
74194	DANSK G3	16.1	3	138
74193	DANSK G4	16.1	4	241
74201	DASH-GEN	6.6	1	1.5
74201	DASH-GEN	6.6	2	1.5
78424	DEFERIET	2.3	1	10.2
78248	DENLEY	23	1	1.6
78425	DIAM ISL	2.3	1	1.2
75890	DIKE HY\$	34.5	1	1.1
78531	DOLGEVIL	46	1	0.5
78531	DOLGEVIL	46	2	5
76642	DUNK115G	13.8	1	85
76642	DUNK115G	13.8	2	85
76640	DUNKGEN3	13.8	1	98.5
76640	DUNKGEN3	13.8	2	98.5
76641	DUNKGEN4	13.8	1	95.5
76641	DUNKGEN4	13.8	2	95.5

**Deliverability Operating Case:
Rest-of-State Generators**

BUS#	NAME	BSKV	ID	PMAX
76656	DUPONT	115	1	56
74197	DUT. RES	115	1	6.2
78426	E NORFOK	2.3	1	3.6
74024	E.WALD 1	115	1	0.5
78412	EAGLEGEN	4.8	1	1.2
78417	EEL HYDR	2.4	1	2
78427	EFFLEY	2.3	1	1.7
78427	EFFLEY	2.3	2	0.9
78427	EFFLEY	2.3	3	0.9
78427	EFFLEY	2.3	4	1.7
79130	EJW+STWB	115	1	20
79130	EJW+STWB	115	2	30
76526	ELLICTVL	115	1	3.8
78428	ELMER	2.3	1	0.8
78418	EMERYVLE	2.4	1	3
79273	EPHR 23	23	1	1.8
77978	ESYR GT1	13.2	1	36.1
77979	ESYR GT2	13.2	2	36.1
77980	ESYR ST1	13.2	3	17.8
79229	FDR DAM	34.5	1	5
77931	FENGEN	24.9	1	30
76050	FING LK\$	34.5	1	0.1
78404	FIV FL G	11.5	1	23.9
78021	FLAT RCK	115	1	2.5
74027	FORGEBRK	115	1	0.8
78539	FORSTPHY	46	1	2.9
78265	FOWLER	23	1	0.9
78265	FOWLER	23	2	1.5
78429	FRANK HY	2.3	1	1.2
78429	FRANK HY	2.3	2	1.2
78429	FRANK HY	2.3	3	0.4
75402	FRASVC18	18.2	1	0
78419	FRONTENA	2.4	1	7.3
78022	FT. DRUM	115	1	49.9
77649	FULTN HY	34.5	1	1.4
77414	FULTN CG	13.8	1	47
77066	GARD F/C	12	1	20
75894	GARLOCK\$	34.5	1	1.5
76764	GENMLS61	34.5	1	3.5
77450	GERES LK	115	1	79.9
77450	GERES LK	115	2	79.9
77450	GERES LK	115	3	79.9
79527	GILBOA#1	17	1	264.5
79528	GILBOA#2	17	2	263.5
79529	GILBOA#3	17	3	263.7
79530	GILBOA#4	17	4	262.2
79940	GINNA 19	19	1	525
78023	GLEN PRK	115	1	32.7
78269	GLENFIEL	23	1	0.5
76317	GOODYR \$	46	1	1.5

**Deliverability Operating Case:
Rest-of-State Generators**

BUS#	NAME	BSKV	ID	PMAX
75754	GOUDEY 7	13.8	7	46.2
75755	GOUDEY 8	13.8	8	84
79336	GRAMVLE	69	1	17
77693	GRANB HY	34.5	1	10.7
75963	GRNIDG 3	13.8	3	57
75964	GRNIDG 4	13.8	4	110
78272	H.D.G.#3	23	1	1
78273	H.D.G.#6	23	1	1.2
78275	HAILSBOR	23	1	3.4
78413	HANNAWA	4.8	1	2.4
78413	HANNAWA	4.8	2	2.4
77454	HARRIS	115	1	1
78547	HERKM HY	46	1	1.6
78430	HERRINGS	2.3	1	2
78430	HERRINGS	2.3	2	2
78430	HERRINGS	2.3	3	2
78278	HEUVELTO	23	1	2.5
75896	HI ACRE\$	34.5	1	1.6
77550	HIGH DAM	46	1	1.7
77550	HIGH DAM	46	2	1.7
77550	HIGH DAM	46	3	1.7
77550	HIGH DAM	46	4	2.9
78431	HIGH FAL	2.3	1	1.6
74102	HIGH FLS	69	1	2.8
76428	HIGHFL46	46	1	3
76428	HIGHFL46	46	2	3
76428	HIGHFL46	46	3	5.2
78025	HIGLEY	115	1	1
79340	HILB69	69	1	37.4
77956	HMGENBUS	13.8	1	50.4
77050	HNTLY67G	13.8	1	95.7
77050	HNTLY67G	13.8	2	95.7
77051	HNTLY68G	13.8	1	95.3
77051	HNTLY68G	13.8	2	95.3
78281	HOLOW DM	23	1	1
79704	HOOKRN85	115	1	21.2
79706	HOOKRN86	115	1	21.2
79135	HOOSICK	115	1	0.8
77052	HUNT115G	13.8	1	85
77052	HUNT115G	13.8	2	85
77052	HUNT115G	13.8	3	85
77052	HUNT115G	13.8	4	85
77068	HYDLRACE	12	1	2
79655	ILION	115	1	54.7
74701	IND PT 2	22	2	1078
76043	INDEC S\$	13.8	1	39
76043	INDEC S\$	13.8	2	16
79289	INDECK-C	13.8	1	92.8
79289	INDECK-C	13.8	2	60.2
76548	INDEK-OL	115	1	38

**Deliverability Operating Case:
Rest-of-State Generators**

BUS#	NAME	BSKV	ID	PMAX
76548	INDEK-OL	115	2	41
78282	INDIAN F	23	1	0.7
78653	INGH HYD	2.4	1	2.5
79136	INGHAM-E	115	1	8
79137	IP CORIN	115	1	31.5
79137	IP CORIN	115	2	31.5
79548	IP#3 GEN	22	1	1080
79547	JAFITZ1G	24	1	896
79657	JAMESTWN	13.2	1	75
79536	JARVIS	4.16	1	4.5
79536	JARVIS	4.16	2	4.5
76207	JEFSNVLS	115	1	0.1
78731	JMC1+7TP	115	1	79.9
78952	JMC2ST13	13.8	1	148.4
78951	JMCGT13	13.8	1	95.2
78953	JMCGT213	13.8	1	95.2
79238	JVL+VLYF	34.5	1	2.3
79238	JVL+VLYF	34.5	2	2.8
78432	KAMARGO	2.3	1	1.6
79995	KAMIN 13	13.8	1	36
79995	KAMIN 13	13.8	2	19
78073	KAMINEGT	13.8	1	65
78074	KAMINEST	13.8	1	43
78554	KAYUTAHY	46	1	0.5
79541	KENSICO	13.8	1	3
76436	KENTSF46	46	1	1.9
76436	KENTSF46	46	2	1.9
76436	KENTSF46	46	3	3.6
75921	KEUKA 34	34.5	1	1.8
75523	KINTIG24	24	1	709
74033	KNAPPS 1	115	1	2
77962	L.HILL-1	12	1	4.1
77962	L.HILL-1	12	2	4.1
76162	LANDFIL\$	34.5	1	3.3
76162	LANDFIL\$	34.5	2	3.3
78403	LAWRENCE	13.2	1	0.8
78403	LAWRENCE	13.2	2	2.2
76296	LEA 1G \$	13.8	1	36
76297	LEA 2G \$	13.8	2	36
76298	LEA 3G \$	13.8	3	36
76299	LEA 4S \$	13.8	4	80
78701	LEEDS 3	345	1	0
78480	LEHIGH	115	1	0.7
79531	LEW 1-3	13.8	1	20
79531	LEW 1-3	13.8	2	20
79531	LEW 1-3	13.8	3	20
79532	LEW 4-6	13.8	4	20
79532	LEW 4-6	13.8	5	20
79532	LEW 4-6	13.8	A	20
79533	LEW 7-9	13.8	7	20

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Rest-of-State Generators**

BUS#	NAME	BSKV	ID	PMAX
79533	LEW 7-9	13.8	8	20
79533	LEW 7-9	13.8	9	20
79534	LEW10-12	13.8	6	20
79534	LEW10-12	13.8	B	20
79534	LEW10-12	13.8	C	20
78959	LGE-GT	13.8	1	50
78960	LGE-ST	13.8	1	40
78866	LIBERTY	34.5	1	2.9
77963	LIGHHILL	12	1	27
79274	LKPL+CHL	23	1	0.8
79392	LOVETT 3	20	3	80
79393	LOVETT 4	20	4	165
79394	LOVETT 5	20	5	190
76478	LOW SAR\$	46	1	6.7
78558	LTLFLSHY	46	1	13.6
78098	LYNDL MR	115	1	11.8
78098	LYNDL MR	115	2	7.6
78098	LYNDL MR	115	3	3
78098	LYNDL MR	115	4	19
78399	LYONFLS	23	1	7.6
79242	M+S+EV+D	34.5	1	36.1
78164	MACOMB	34.5	1	0.9
78033	MALONE	115	1	0.4
75631	MECH HYD	34.5	1	16.5
79244	MECHANIC	34.5	1	3
77252	MEDINA	34.5	1	0.7
76112	MILKN 1	13.8	1	160.7
76111	MILKN 2	18	2	164.5
76439	MILL C46	46	1	1
76439	MILL C46	46	2	1.2
76439	MILL C46	46	3	1.4
78414	MILL ST	4.8	1	1.1
78414	MILL ST	4.8	2	0.2
78414	MILL ST	4.8	3	6.4
77761	MINETTO	34.5	1	7.4
79143	MOHICAN	115	2	25.5
79143	MOHICAN	115	3	5.5
79143	MOHICAN	115	4	3.5
79143	MOHICAN	115	5	10
79143	MOHICAN	115	6	2.3
79344	MONGAUP	69	1	4
79525	MOS SC#1	13.8	1	0
79526	MOS SC#2	13.8	1	0
79513	MOS17-18	13.8	1	53.4
79513	MOS17-18	13.8	2	53.4
79515	MOS19-20	13.8	1	53.4
79515	MOS19-20	13.8	2	53.4
79516	MOS21-22	13.8	1	53.4
79516	MOS21-22	13.8	2	53.4
79520	MOS23-24	13.8	1	53.4

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Rest-of-State Generators**

BUS#	NAME	BSKV	ID	PMAX
79520	MOS23-24	13.8	2	53.4
79518	MOS25-26	13.8	1	53.4
79518	MOS25-26	13.8	2	53.4
79521	MOS27-28	13.8	1	53.4
79521	MOS27-28	13.8	2	53.4
79522	MOS29-30	13.8	1	53.4
79522	MOS29-30	13.8	2	53.4
79524	MOS31-32	13.8	1	53.4
79524	MOS31-32	13.8	2	53.4
78410	MOSHIERG	6.9	1	4.3
78036	MOSH-SUN	115	1	2.5
78038	N CARTHG	115	1	2.5
78038	N CARTHG	115	2	2
78039	N GOUVNR	115	1	38
78039	N GOUVNR	115	2	11
74116	N.CAT 6	69	2	0.9
78007	N.O-BRG	115	1	40
78007	N.O-BRG	115	2	20
78007	N.O-BRG	115	3	19
78303	NATUR DM	23	1	1
74205	NEVER-GN	13.8	1	25
75895	NEWARK \$	34.5	1	1
78571	NEWPRTHY	46	1	1.5
79509	NIAG. 10	13.8	A	215
79510	NIAG. 11	13.8	B	215
79511	NIAG. 12	13.8	C	215
79512	NIAG. 13	13.8	D	215
79501	NIAG. 2	13.8	2	215
79502	NIAG. 3	13.8	3	215
79503	NIAG. 4	13.8	4	215
79504	NIAG. 5	13.8	5	175
79505	NIAG. 6	13.8	6	215
79506	NIAG. 7	13.8	7	175
79507	NIAG. 8	13.8	8	200
79508	NIAG. 9	13.8	9	175
76481	NOEND1G\$	13.8	1	79.8
76482	NOEND2G\$	13.8	2	79.8
76483	NOEND3S\$	13.8	3	79.8
76643	NORCON1	13.8	1	32.6
76644	NORCON2	13.8	2	32.6
76644	NORCON2	13.8	3	14.1
78042	NORFOLK	115	1	12
78877	NORT+NSH	34.5	1	25
78433	NORWOOD	2.3	1	2.2
77687	NPT GEN	34.5	1	5
77954	OCWE GEN	13.8	1	36.9
78044	OGDENSBG	115	1	3.1
78044	OGDENSBG	115	2	0.1
78044	OGDENSBG	115	3	2
78483	ONEIDA	115	1	0.1

**Deliverability Operating Case:
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BUS#	NAME	BSKV	ID	PMAX
78483	ONEIDA	115	2	39
78483	ONEIDA	115	3	15
77787	OSW FALL	34.5	1	4.4
77787	OSW FALL	34.5	2	2.3
78308	OSWEGATC	23	1	0.3
77952	OSWGO 5G	22	5	881
77953	OSWGO 6G	22	6	881
76802	OXBOWNUG	115	1	56
78309	P LEYD H	23	1	2.2
78045	PARISHVL	115	1	2.3
75769	PAT HOU\$	46	1	1.5
78773	PBUSH W	115	1	1.2
77480	PEAT-7	115	1	0.2
74409	PEEK13.8	13.8	1	55
78310	PHILA HY	23	1	3.4
77812	PHOENIX	34.5	1	2.7
78111	PIERC HY	46	1	1.6
79148	PORT HEN	115	1	0.5
78046	POTDM PA	115	1	5.6
78582	PROSP HY	46	1	15
78047	PYRITE-7	115	1	7.2
76445	RAINBOW	46	1	1.5
76445	RAINBOW	46	2	1.5
78405	RAINBW G	11.5	1	23.7
78051	RAYMD HY	115	1	2
78889	RENSSELA	34.5	1	0.1
79351	RIO69	69	1	9
78321	ROCK ISL	23	1	1.9
74046	ROCK TV1	115	1	0.5
74046	ROCK TV1	115	2	0.2
78487	ROME	115	1	2.3
74190	ROSE GN1	24	1	610
74192	ROSE GN2	24	2	610
79942	RUS 2G	13.8	2	62
79943	RUS 3G	13.8	3	57
79944	RUS 4G	13.8	4	74
79941	RUS 1G	13.8	1	45
78406	S CLTN G	11.5	1	18.5
79251	S.GLNGEN	34.5	1	13.8
79883	S37 34	34.5	2	15
78326	SANDY HO	23	1	0.6
78899	SCH34	34.5	1	26
79254	SCHUVL	34.5	1	0.8
79254	SCHUVL	34.5	2	1.2
78490	SCHUYLER	115	1	1.6
79256	SCOKE+RR	34.5	1	3
75962	SEN ME2\$	34.5	1	2
75944	SENEC FL	34.5	1	5.7
76616	SENECAJC	34.5	1	0.4
77121	SENECAP	115	1	43

**Deliverability Operating Case:
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BUS#	NAME	BSKV	ID	PMAX
77121	SENECAP	115	2	17
78434	SEWALLS	2.3	1	0.9
78434	SEWALLS	2.3	2	0.9
79153	SHERMAN	115	1	28.8
79354	SHOEM69	69	1	27
77965	SITH-G1	18	1	143
77966	SITH-G2	18	2	143
77967	SITH-G3	18	3	143
77968	SITH-G4	18	4	143
77969	SITH-S5	18	5	185.6
77970	SITH-S6	18	6	185.6
78179	SO EDWAR	34.5	1	1.1
78179	SO EDWAR	34.5	2	1.1
78179	SO EDWAR	34.5	3	0.8
74128	SO.CAIRO	69	1	16
78411	SOFT MAP	6.9	1	6
79154	SPIER	115	1	28.8
79285	SPIER#8	6.9	1	6.3
76621	SRANDOLP	34.5	1	0.2
79966	STA 6-2	11.5	1	0
79966	STA 6-2	11.5	2	8
79809	STA 158N	115	1	0
79957	STA3 11R	11.5	D	18
79965	STA5 11R	11.5	1	0
79950	STA5 11Y	11.5	1	11.2
78407	STARK G	11.5	1	23
79245	STDA+AMT	34.5	1	10.5
79245	STDA+AMT	34.5	2	2
79255	STLWRHYD	34.5	1	6
79255	STLWRHYD	34.5	2	6
74202	STURG-G1	6.6	1	4.9
74203	STURG-G2	6.6	2	4.9
74204	STURG-G3	6.6	3	4.9
78906	STYV+CHY	34.5	1	1.5
78906	STYV+CHY	34.5	2	0.5
78056	SUGAR IS	115	1	1.3
78056	SUGAR IS	115	2	1.3
79360	SWING BR	69	1	12
78794	SYCA-16	115	1	0.1
78334	TALCVILE	23	1	0.9
78437	TANNERYH	0.6	1	1.5
78435	TAYLORVI	2.3	H	1.1
77495	TEMPLE	115	1	79.9
78420	THER HYD	2.4	1	1.3
79160	TICN+OTN	115	1	3.6
79160	TICN+OTN	115	2	4.9
78650	TRENT#5	13.2	7	7
78651	TRENT#6	13.2	6	7
78652	TRENT#7	13.2	5	7
78592	TRENTON	46	1	0.2

**Deliverability Operating Case:
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BUS#	NAME	BSKV	ID	PMAX
78592	TRENTON	46	2	0.2
77794	UDG-184	115	1	52
78115	UNION	46	1	2.6
78917	UNIONVIL	34.5	1	0.1
78919	VALATIE	34.5	1	0.3
77902	VARICK	34.5	1	5.9
79544	VISCHR#1	13.8	1	5.6
79545	VISCHR#2	13.8	1	6
74142	W DEL 69	69	1	7.8
77277	W MANAGE	34.5	1	3.2
76258	WALD HY\$	13.1	1	3.7
78337	WAT.MUNI	23	1	6.8
75957	WATERLOO	34.5	1	3
77279	WATERPRT	34.5	1	1.3
79267	WBURG34	34.5	1	2.8
79282	WELLS	23	1	0.7
78415	WESTENDH	4.16	1	4.5
78925	WF+AH+MP	34.5	1	3.3
78925	WF+AH+MP	34.5	2	10.3
79167	WHITEHAL	115	1	0.8
76627	WHITSVLE	34.5	1	0.3
76650	WOLEAN55	13.2	1	2
76650	WOLEAN55	13.2	2	0.6
78802	WOLF RD	115	1	3
78436	YALEVILL	2.3	1	0.2
78436	YALEVILL	2.3	2	0.1

**Deliverability Operating Case:
Zone J Generators**

BUS#	NAME	BSKV	ID	PMAX
74703	AK 2	20	1	166.1
74703	AK 2	20	2	186.1
74700	AK 3	22	1	491
74429	AST 2	13.8	1	87.5
74429	AST 2	13.8	2	87.5
74704	AST 3	20	1	166.6
74704	AST 3	20	2	186.4
74705	AST 4	20	1	190.5
74705	AST 4	20	2	180
74706	AST 5	20	1	189.2
74706	AST 5	20	2	177.8
74361	ASTEGT2A	13.8	1	78
74362	ASTEGT2B	13.8	1	78
74372	ASTEGT3A	13.8	1	78
74373	ASTEGT3B	13.8	1	78
74375	ASTEGT4A	13.8	1	78
74376	ASTEGT4B	13.8	1	78
74762	ASTGT5	13	1	11.9
74763	ASTGT7-8	13	1	23.7
74764	ASTGT9	13	1	11.9
74304	AWGT1	13.8	1	40
74305	AWGT2	13.8	1	40
74652	BNSHR#1	27	1	3
74652	BNSHR#1	27	2	17
74652	BNSHR#1	27	4	2
74652	BNSHR#1	27	5	2
74709	COGENGT1	13.8	1	90.4
74710	COGENGT2	13.8	1	90.4
74711	COGENGT3	13.8	1	90.4
74712	COGENGT4	13.8	1	90.4
74713	COGENGT5	13.8	1	90.4
74714	COGENST1	13.8	1	99.9
74715	COGENST2	13.8	1	99.9
74716	COGENST3	13.8	1	99.9
74301	ER G6	13.2	1	67.5
74301	ER G6	13.2	2	62.5
74302	ER G7	13.2	1	83
74302	ER G7	13.2	2	83
74518	ERGT1	13.8	1	149
74519	ERGT2	13.8	1	149
74307	GOWGT1A	13.8	1	60
74309	GOWGT1B	13.8	1	60
74321	GOWGT2A	13.8	1	60
74378	GOWGT2B	13.8	1	60
74308	GOWGT3A	13.8	1	60
74339	GOWGT3B	13.8	1	60
74326	GOWGT4A	13.8	1	60
74379	GOWGT4B	13.8	1	60
74720	HUD 10	13.8	1	43
74721	HUD3-4-5	13.8	1	35.4

**Deliverability Operating Case:
Zone J Generators**

BUS#	NAME	BSKV	ID	PMAX
74724	JFK G1	13.8	1	40
74725	JFK G2	13.8	1	40
74726	JFK G3	13.8	1	20
74390	KEYSPG-1	18	1	160
74391	KEYSPST1	18	1	65
74352	NARRGT1A	13.8	1	71
74353	NARRGT1B	13.8	1	68
74358	NARRGT2A	13.8	1	67
74359	NARRGT2B	13.8	1	66
79560	PAGTFOXH	13.8	1	44
79561	PAGTGOW1	13.8	1	40
79562	PAGTGOW2	13.8	2	40
79565	PAGTHG11	13.8	1	40
79566	PAGTHG12	13.8	2	40
79563	PAGTHG41	13.8	1	40
79564	PAGTHG42	13.8	2	40
79568	PAGTVER1	13.8	1	40
79569	PAGTVER2	13.8	2	40
79567	PAGTVNGW	13.8	1	44
74512	PARK TR1	138	1	2
79540	POLETGT1	18	1	165
79538	POLETGT2	18	1	165
79539	POLETSTG	18	1	170
79546	POLETTI	26	1	855
74707	RAV 1	20	1	184
74707	RAV 1	20	2	209.2
74708	RAV 2	20	1	182.8
74708	RAV 2	20	2	208.3
74702	RAV 3	22	1	433.5
74702	RAV 3	22	2	547
74786	RNY 2EGT	13	1	51.3
74787	RNY 7EGT	13	1	51.3
74788	RNY 7WGT	13	1	51
74789	RNY 9EGT	13	1	51
74727	RNYGT4-7	13.8	1	57.5
74728	RYYGT811	13.8	1	63.1
74800	W110ST#1	13	1	2
74807	WTSD 6G	13	1	69
74799	WTSD-8	13	1	94
74734	YORK G1	13.8	1	40
74735	YORK G2	13.8	1	40
74736	YORK G3	13.8	1	100
74733	YORK G4	13.8	1	100

**Deliverability Operating Case:
Zone K Generators**

BUS#	NAME	BSKV	ID	PMAX
74931	BABYLNRR	13.8	1	12
74900	BARETG1	20	1	192
74901	BARETG2	20	1	196
74967	BRNTWDGT	13.8	1	45
74968	BRNTWDGT	13.8	1	45
79570	BRNTWDGT	13.8	1	45
74916	BRT G1-8	13.8	1	15.5
74916	BRT G1-8	13.8	2	15.5
74916	BRT G1-8	13.8	3	15.5
74916	BRT G1-8	13.8	4	15.5
74916	BRT G1-8	13.8	5	15.5
74916	BRT G1-8	13.8	6	15.5
74916	BRT G1-8	13.8	7	15.5
74916	BRT G1-8	13.8	8	15.5
74917	BRTG9-12	13.8	1	41
74917	BRTG9-12	13.8	2	41
74917	BRTG9-12	13.8	3	41
74917	BRTG9-12	13.8	4	41
74936	EHAMP_GT	13.8	1	22
74939	EHAMPDES	4.16	2	2
74939	EHAMPDES	4.16	3	2
74939	EHAMPDES	4.16	4	2
74902	F.RCKG4	13.8	1	108
74953	FREEPRT	13.8	1	80
74940	FROCKGT1	13.8	1	45
74966	FROCKGT2	13.8	1	45
74904	GLNWD 4	13.8	1	118.5
74905	GLNWD 5	13.8	1	119.3
74941	GLNWDGT1	13.8	1	14
74932	GLNWDGT2	13.8	1	51.5
74933	GLNWDGT3	13.8	1	51.5
74969	GLWDGT4	13.8	1	45
74970	GLWDGT5	13.8	1	45
74922	GRMN B	13.8	1	47
74962	GRNPRT	13.8	1	45
74960	GRUMTBG4	13.8	1	45
74930	HEMP RR	13.8	1	68.3
74918	HOLT6-10	13.8	1	56
74918	HOLT6-10	13.8	2	56
74918	HOLT6-10	13.8	3	56
74918	HOLT6-10	13.8	4	56
74918	HOLT6-10	13.8	5	56
74919	HOLTS1-5	13.8	1	56
74919	HOLTS1-5	13.8	2	56
74919	HOLTS1-5	13.8	3	56
74919	HOLTS1-5	13.8	4	56
74919	HOLTS1-5	13.8	5	56
74946	HUNT RR	13.8	1	21
74927	ISLIP RR	13.8	1	9.9
74937	MNTK_DES	4.16	1	2

**Deliverability Operating Case:
Zone K Generators**

BUS#	NAME	BSKV	ID	PMAX
74937	MNTK_DES	4.16	2	2
74937	MNTK_DES	4.16	3	2
74945	NISSQUOG	13.8	1	47
74906	NRTPTG1	22	1	383
74907	NRTPTG2	22	1	389
74908	NRTPTG3	22	1	381
74909	NRTPTG4	22	1	393
74944	NTPT GT	13.8	1	15
74942	NYP A108	13.8	1	90
74943	NYP A56	13.8	1	50
74928	OCEAN LF	13.8	1	1.8
74947	PTJEFFGT	13.8	1	15
74912	PTJEFG3	20	1	192
74913	PTJEFG4	20	1	195
74910	PTJEFGT2	13.8	1	45
74911	PTJEFGT3	13.8	1	45
74935	SHAMP_GT	13.8	1	10
74914	SHOREHAM	24	1	0
74956	SHORHGT3	13.8	1	45
74957	SHORHGT4	13.8	1	45
74903	SHRHM GT	13.8	1	48
74903	SHRHM GT	13.8	2	17
74925	SMTWN LF	13.8	1	1.1
74938	SOUTHOLD	13.8	1	13
74961	STNYBRK	13.8	1	45
74926	TRIGEN	13.8	1	47
74915	W.BABGT4	13.8	1	47
74921	WADNGRV1	13.8	1	81.6
74923	WADNGRV2	13.8	1	81.6
74920	WADNGRV3	13.8	1	81.6
74929	YPNK LF	13.8	1	1.4