

**CENTRAL MAINE POWER COMPANY  
RESPONSE TO EXAMINER'S DATA REQUEST NO. 5  
DOCKET No. 2008-255**

**CONFIDENTIAL  
MATERIAL  
ATTACHED**

**October 23, 2008**

**EX-05-03**

- Q.** (Volume VIII, Page 34 of 373, Table 4-2) Interface I4 is added here. Interface flows for I4 do not appear in Appendix B and base case load flow plots do not appear in Appendix C as stated. Please provide them here.
- A.** See Attachment 1 for the cases analyzed in the N-1-1 scenarios: Dispatch D2-I2, Dispatch D3-I2, Dispatch D4-I2, Dispatch D2-I4, and D4-I4. Base case load flow plots were not created for these cases.

**The attachment to this response is confidential and is being provided under the terms and conditions of First Revised Protective Order No. 2, Critical Energy Infrastructure Information, dated August 27, 2008.**

**Response Prepared and Submitted By:**

Rick Conant  
Manager Power System Studies  
RLC Engineering, LLC

**Attachment(s):**

1. 2017 Summer Peak D2 Dispatch - CONFIDENTIAL

# CONFIDENTIAL

Summary-i2a\_d2\_n5sl2c1k3\_upd.lis

10/17/2008

2017 Summer Peak D2 Dispatch with 0 NB-NE

*** MAINE ***																	
#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX
70060	MIS GT1	1.026	171	19	179	70061	MIS GT2	1.026	171	19	179	70062	MIS ST	1.027	191	22	191
70426	CHAMP G2	0.989	0	0	21	70424	CHAMP G3	1.064	65	32*	72	70389	BUCKS G4	1.053	174	49	191
70067	U P 5 PF	1.042	0	0	25	70070	U P 6 PF	1.012	0	0	25	70069	WENFD PH	1.035	6	1	20
70029	PWRSVILLE	1.043	70	0	126	70066	PERC PF	1.057	6	0*	25	70019	ELLSWRTH	1.027	16	0*	17
70040	GRAHAM	1.047	0	0	16	70372	SEA STRN	0.948	0	0	47	70360	WYMAN #1	0.973	0	0	27
70361	WYMAN #2	1.013	22	12*	27	70362	WYMAN #3	0.974	0	0	25	70363	WILLM #1	1.041	3	1	8
70364	WILLM #2	1.024	0	0	7	70356	HARRIS#1	0.998	16	7*	17	70357	HARRIS#2	0.957	0	0	37
70358	HARRIS#3	0.957	0	0	36	70381	RPA CG1	0.996	0	0	179	70382	RPA SG2	1.004	0	0	93
70377	AEC G1	1.096	50	29	55	70378	AEC G2	1.096	50	29	55	70379	AEC G3	1.097	50	29	55
70370	AEI GEN	1.038	36	3*	39	70365	WF WY #1	1.018	57	14*	57	70366	WF WY #2	1.018	57	14*	57
70367	WF WY #3	1.005	125	13	125	70368	WF WY #4	0.989	626	-31	636	70386	WBK G1	1.019	185	45	185
70387	WBK G2	1.019	185	15	185	70388	WBK G3	1.019	196	47	196	70140	CAPE	1.028	0	0	24
70421	J/MILL B	1.051	17	27*	35	70420	J/MILL A	1.044	30	20*	35	70432	J/MILL C	1.017	-7	3*	40
70425	MEADCOGN	0.971	0	0	110	70383	RUMF FAL	1.043	25	8	36	70422	WARRN G1	1.031	51	15*	51
70423	WARRN G2	0.995	0	0	62	70129	LOUDEN	1.032	5	0*	37	70160	W.BUXTON	1.033	5	0*	37
70223	TOPSHMGN	1.040	3	0*	28	70118	GULF ISL	1.034	2	0*	34	70104	LEW LWR	1.026	3	-3*	30
70222	TOPSHAM	1.040	3	2	20	70177	LWSTN GN	1.026	0	0	17	70147	LAKWOOD	1.011	2	4*	9
70410	HYDRO XN	1.032	4	0*	17	70330	WINSLOW	1.030	4	0*	22	70142	RICERIPS	1.026	0	0	5
70355	ATHENS	0.981	0	0	42	70391	REDCOLLW	1.050	0	0	45	70392	BNCOLLLW	1.050	0	0	45
70351	KIBBY G1	1.030	33	5	33	70352	KIBBY G2	1.030	27	6	27	70353	KIBBY G3	1.030	36	7	36
70354	KIBBY G4	1.030	39	5	39												
*** NEW HAMPSHIRE / VERMONT ***																	
#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX
72869	SBRK G1	1.005	1318	283	1318	72868	NWNGT G1	1.000	422	78	422	72702	CONEDG1	0.983	169	-0*	169
72703	CONEDG2	0.983	169	-0*	169	72704	CONEDG3	0.983	195	-0*	195	72866	MERKM G1	1.029	113	18	113
72867	MERKM G2	1.030	320	52	320	72870	SCHILLER	0.999	48	6	48	72871	SCHILLER	0.999	50	6	50
72872	SCHILLER	0.999	48	6	48	71950	GRANRDG1	1.041	250	28	280	71951	GRANRDG2	1.037	250	28	280
72701	AESSTG	1.034	250	7	264	71857	COMRF G1	1.025	41	5	41	71858	COMRF G2	1.025	41	5	41
71859	COMRF G3	1.025	41	5	41	71860	COMRF G4	1.025	41	5	41	71861	MOORE G1	1.002	40	-1	48
71862	MOORE G2	1.010	40	-1	48	71863	MOORE G3	0.991	40	-1	48	71864	MOORE G4	1.006	40	-1	48
72756	TAMW PF	1.012	20	0*	20	595	L NATION	1.017	0	0	9999	612	WFLD AIR	1.030	0	0	9999
606	PINETREE	1.030	0	0	9999	72760	POTOK PH	1.032	8	0*	11	72758	SMITH HY	1.030	9	0*	16
70705	VTYAK G	0.982	667	147	667												
*** WESTERN MASSACHUSETTS ***																	
#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX
72512	BRSWP G1	1.018	280	75	294	72513	BRSWP G2	1.018	280	75	294	73083	NRTHFD12	1.025	540	151	540
73084	NRTHFD34	1.025	540	151	540	72243	MILLENCT	1.005	273	43	273	72244	MILLENST	1.005	117	20	117
72930	STNYBK1A	1.096	65	30*	65	72931	STNYBK1B	1.096	65	30*	65	72932	STNYBK1C	1.096	65	30*	65
72933	STNYBK1	1.093	87	30*	87	72934	STNYBK2A	1.096	65	30*	65	72935	STNYBK2B	1.096	65	30*	65
72986	BERKPWR	1.027	280	34	305	73069	MAPR1 PF	1.018	56	22	106	73070	MAPR2 PF	1.017	76	22	106
73071	MAPR3 PF	1.012	70	22	95	73072	ALT12 PF	1.014	65	6	65	73073	ALT34 PF	1.013	81	6	81
73080	WSFFLD 3	1.001	107	12	107												
*** NEMA / BOSTON ***																	
#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX
71060	MYST G4	1.002	0	0	133	71061	MYST 5G	1.018	0	0	129	71062	MYST G6	1.018	0	0	136
71063	MYST G7	1.018	565	68	565	71067	MYSS GTS	1.041	507	145	520	71068	MYSS ST	1.038	307	68	312
71069	MYSS GTS	1.095	554	435	580	71070	MYS9 ST	1.067	305	200*	312	71073	N.BOST 1	0.987	0	0	380
71074	N.BOST 2	0.982	0	0	380	71946	SALEM G1	1.013	79	-0	81	71947	SALEM G2	1.014	78	-0	78
71948	SALEM G3	1.010	143	-1	143	71949	SALEM G4	1.008	400	-2	400						
*** SEMA, SEMA / RHODE ISLAND ***																	
#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX
72372	BP #1 GN	1.033	241	120*	241	72375	BP #2 GN	1.031	241	117*	241	72370	BP #3 GN	1.021	595	64	605
72371	BP #4 GN	1.021	425	48	425	71743	TAU 9A,8	1.031	55	34*	55	71744	TAUNT GN	0.981	0	0	85
72669	TIVER G1	1.012	189	30	189	72670	TIVER G2	1.012	92	16	92	71316	DPA PF	1.018	63	16	68
71521	SOM G5	0.991	0	0	69	71522	SOM G6	1.012	105	86*	105	71523	SOMST JT	0.981	0	0	34
72661	MANCH09A	1.012	119	33	119	72662	MANCH10A	1.012	119	33	119	72663	MANCH11A	1.012	119	33	119
72666	FRSQ SC1	0.991	46	-4	46	72667	FRSQ SC2	0.994	46	-5*	46	72668	FRSQ SC3	0.993	46	-5*	46
71522	SOM G6	1.012	105	86*	105	71531	OSP1 PF	1.031	77	20	77	71532	OSP2 PF	1.031	77	20	77
71533	OSP3 PF	1.031	108	27	108	71534	OSP4 PF	1.031	77	20	77	71535	OSP5 PF	1.031	77	20	77
71536	OSP6 PF	1.031	108	27	108	71084	NEA GTPF	1.043	111	40*	111	71085	NEA GTPF	1.044	110	40*	110
71086	NEA STPF	1.060	80	55*	80	71251	CANAL G1	1.029	566	193	566	71252	CANAL G2	1.018	576	120*	576
71094	PLGRM G1	1.049	705	245	705	72373	MPLP 1PF	1.039	80	53*	109	72374	MPLP 2PF	1.021	44	27*	45
71095	ANPBLCK1	1.037	290	29	9999	71096	ANPBLCK2	1.037	290	29	9999	72377	BELL #1	1.091	290	150*	290
72378	BELL #2	1.091	290	150*	290												
*** CONNECTICUT ***																	
#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX
73562	MILL#2	1.004	940	244	940	73563	MILL#3	1.005	1260	324	1260	73555	MIDDITN#2	1.014	117	38	117
73556	MIDDITN#3	0.988	236	38*	233	73557	MIDDITN#4	1.021	400	200*	400	73558	MONTV#5	0.971	81	0*	81
73559	MONTV#6	0.985	402	-3	402	73538	AESTH EF	0.987	180	0*	180	73565	LAKERD#1	1.019	280	86	305
73566	LAKERD#2	1.019	280	86	310	73567	LAKERD#3	1.019	280	86	310	73588	MERIDEN1	0.993	0	0	172
73589	MERIDEN#2	0.993	0	0	172	73650	CRRA PF	0.950	57	5	59	73551	NORHAR#1	0.976	159	-9	162
73552	NORHAR#2	0.977	168	-9	168	73647	BPTHRR#2	0.943	0	0	170	73648	BPTHRR#3	0.952	375	-40	375
73649	BPTHRR#4	1.029	0	0	22	73652	BE 11	1.022	170	60	170	73653	BE 12	1.022	170	60	170
73654	BE 10 ST	1.024	180	60	180	73553	DEVON#7	0.981	0	0	107	73554	DEVON#8	0.981	0	0	107
73570	DEVGAS11	1.021	0	0	42	73571	DEVGAS12	1.021	0	0	42	73572	DEVGAS13	1.021	0	0	42

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10/17/2008

## INTERFACE FLOWS

Interface Name	MW	MVAR	Interface Name	MW	MVAR	Interface Name	MW	MVAR
New Brunswick-New England	0	-17	Northern Maine Import	356	23	North Western Maine Export	-44	-12
Maine-New Hampshire	-29	-12	Northern NE-Scobie + 394	1266	183	Seabrook-South	1219	105
North-South	709	-8	Sandy Pond-South	1795	254	Comerford/Moore-South MW	685	-4
Comerford-South MVA	2416	372	New York-New England	-55	-175	SEMA/RI Export	1206	49
Connecticut Import	330	-66	New England East-West	-14	16	Central-East	2108	-12
Total East	3366	-136	CONVEK-REMVEC	-140	-6	SW-Conn Import	1661	295
Norwalk-Stamford	325	-22	Boston Import	2550	190	NEMA-Boston Import	3338	187
PV20 Import	117	11	HQ Phase II DC Import	2000	342	Highgate DC Import	152	-12
Chateaugay DC Import	-366	269	Madawaska DC Import	0	-0	Bel River DC Import	-0	61
Orrington-South	370	-37	SUROWIEC-South	-676	85	SEMA Export	649	-36
ME-NH Y138	-80	-14	SUROWIEC-SOUTH_Y138	-201	1	Northern Maine Import Y138	407	24
Saco Vly - White Lake Y138	-51	-2						

## Bus Voltages

#	Bus Name	V	#	Bus Name	V	#	Bus Name	V
70001	CHESTER	357	70002	ORRINGTN	359	70003	MAXCYS	358
70086	ME YANK	357	70091	MASON	357	70087	SUROWIEC	357
70090	BUXTON	357	70089	S.GORHAM	357	70088	WYMAN	355
72691	DRFLD345	355	72692	NWGTN345	357	72699	GOSLING1	357
72705	GOSLING2	357	72693	SCOB 345	353	72694	SEBRK345	357
71789	TWKS	358	71786	SANDY PD	359	70783	PILGRIM	358
72926	NRTHFLD	359	70027	ORRINGTN	121	70028	GRAHAM	121
70022	HARDNGTN	117	70023	WASH. CTY	116	70029	PWRSVILLE	120
70033	BOGGYBRK	118	70038	KEBNE RD	119	90199	TRENTON	117
70210	BUCKSPOR	120	70191	MAXCYS0	118	70192	MASON5	119
70125	SUROWIEC	119	70165	S.GORHAM	120	70101	RUMFRDGN	117
70103	KIMBL RD	116	70104	LEW LWR	118	70108	DETROIT	118
70109	BELFAST	118	70110	HIGHLAND	116	70111	HARRIS	119
70113	WYMAN	118	70114	WINSLOW	119	70117	LIVERMOR	119
70118	GULF ISL	119	70119	BRNS CRG	117	70124	FORE RIV	118
70128	YARMOUTH	120	70129	LOUDEN	119	70130	Q HILL	119
70133	MOSHERS	119	70135	PRIDESCR	118	70136	CROWLEYS	119
70138	NORT AUG	116	70139	SEWALL	118	70140	CAPE	118
70141	P HILL	118	70142	RICERIPS	118	70144	BOLT HL	119
70146	PARK ST.	115	70147	LAKESWOOD	116	70148	BATH	116
70149	MEADOWRD	116	70151	HINKL PD	118	70156	BIDD I P	118
70159	PUDDLK	116	70160	W.BUXTON	119	70161	NEWCASTL	117
70162	SANFORD	120	70163	MAG ROAD	120	70167	HOTEL RD	117
70168	WOODSTK	117	70170	BOWMAN	117	70173	SDW SOMS	116
70174	TOPS81TP	117	70175	TOPS69TP	117	70180	LOVELL	115
70182	RUMFD IP	117	70183	JAY IP	119	70184	ARC 115	120
70185	WBK 115	120	70186	RPA 115	117	70211	MEADPAPR	117
72718	DEBRFELD	120	72793	GOSLING	119	72754	3 RIVERS	120
70144	BOLT HL	119	72745	SCHILLER	119	72732	MADBURY	120
72746	SCOBIE2	121	72716	CHESTER	119			

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Summary-i2a\_d3\_n5s12c1k3\_upd.lis

10/17/2008

2017 Summer Peak D3 Dispatch with 0 NB-NE  
Alternatives S12 and N5 with Suro bustie

*** MAINE ***																	
#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX
70060	MIS GT1	1.004	0	0	179	70061	MIS GT2	1.004	0	0	179	70062	MIS ST	1.004	0	0	191
70426	CHAMP G2	0.970	0	0	21	70424	CHAMP G3	1.049	65	32*	72	70389	BUCKS G4	1.007	0	0	191
70067	U P 5 PF	1.035	0	0	25	70070	U P 6 PF	1.000	0	0	25	70069	WENFD PH	1.031	6	1	20
70029	PWRSVLLR	1.043	70	4	126	70066	PERC PF	1.050	6	0*	25	70019	ELLSWRTH	1.017	16	0*	17
70040	GRAHAM 1	1.048	0	0	16	70372	SEA STRN	0.992	48	-1+	47	70360	WYMAN #1	0.995	16	0*	27
70361	WYMAN #2	0.996	22	0*	27	70362	WYMAN #3	0.996	19	-0*	25	70363	WILLM #1	1.061	5	1	8
70364	WILLM #2	1.062	6	1	7	70356	HARRIS#1	0.971	16	-0*	17	70357	HARRIS#2	0.970	32	-0*	37
70358	HARRIS#3	0.970	0	0	36	70381	RPA CG1	1.013	179	-2	179	70382	RPA SG2	1.023	93	-2	93
70377	AEC G1	1.056	50	9	55	70378	AEC G2	1.056	50	9	55	70379	AEC G3	1.056	50	9	55
70370	AET GEN	1.040	36	3*	39	70365	WF WY #1	1.018	57	14*	57	70366	WF WY #2	1.018	57	14*	57
70367	WF WY #3	1.006	125	14	125	70368	WF WY #4	0.994	626	-5	636	70386	WBK G1	1.018	185	43	185
70387	WBK G2	1.018	185	43	185	70388	WBK G3	1.018	196	45	196	70140	CAPE	1.028	0	0	24
70421	J/MILL B	1.052	17	27*	35	70420	J/MILL A	1.045	30	20*	35	70432	J/MILL C	1.018	-7	3*	40
70425	HEADCOGN	1.037	93	46*	110	70383	RUMF PAL	1.044	25	-0*	36	70422	WARRN G1	1.035	51	15*	51
70423	WARRN G2	1.000	0	0	62	70129	LOUDEN	1.032	9	0*	37	70160	W.BUXTON	1.034	13	0	37
70223	TOPSHMGN	1.040	8	0*	28	70118	GULF ISL	1.038	11	0*	34	70104	LEW LWR	1.032	6	-3*	30
70222	TOPSHAM	1.040	7	-2	20	70177	LNSIN GN	1.032	0	0	17	70147	LAKEWOOD	1.021	9	4*	9
70410	HYDRO KN	1.049	8	0*	17	70330	WINSLOW	1.045	9	0*	22	70142	RICEGRIP	1.022	0	0	5
70355	ATHENS	0.992	0	0	42	70391	REDCOLLW	1.050	0	0	45	70392	BNCOLLW	1.050	0	0	45
70351	KIBBY G1	1.030	0	0	33	70352	KIBBY G2	1.030	0	0	27	70353	KIBBY G3	1.030	0	0	36
70354	KIBBY G4	1.030	0	0	39												
*** NEW HAMPSHIRE / VERMONT ***																	
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72703	CONEDG2	0.993	169	22	169	72704	CONEDG3	0.992	195	22	195	72866	MERMK G1	1.030	113	19	113
72867	MERMK G2	1.030	320	55	320	72870	SCHILLER	1.000	48	6	48	72871	SCHILLER	1.000	50	6	50
72872	SCHILLER	1.000	48	6	48	71950	GRANRDG1	1.041	250	28	280	71951	GRANRDG2	1.037	250	28	280
72701	ARSSTG	1.035	250	9	264	71857	COMRF G1	1.024	41	5	41	71858	COMRF G2	1.024	41	5	41
71859	COMRF G3	1.024	41	5	41	71860	COMRF G4	1.024	41	5	41	71861	MOORE G1	1.001	40	-1	48
71862	MOORE G2	1.011	40	-1	48	71863	MOORE G3	0.992	40	-1	48	71864	MOORE G4	1.008	40	-1	48
72756	TAMW PF	1.017	20	0*	20	595	L NATION	1.011	0	0	9999	612	WFLD AIR	1.030	0	0	9999
606	PINETREE	1.030	0	0	9999	72760	POTOK PH	1.026	8	0*	11	72758	SMITH HY	1.024	9	0*	16
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73084	NRTHFD34	1.024	540	149	540	72243	MILLRNCT	1.005	273	44	273	72244	MILLRNST	1.005	117	20	117
72930	STNYBK1A	1.096	65	30*	65	72931	STNYBK1B	1.096	65	30*	65	72932	STNYBK1C	1.096	65	30*	65
72933	STNYBK 1	1.094	87	30*	87	72934	STNYBK2A	1.096	65	30*	65	72935	STNYBK2B	1.096	65	30*	65
72986	BERKPWR	1.025	280	30	305	73069	MAPR1 PF	1.017	56	21	106	73070	MAPR2 PF	1.016	76	21	106
73071	MAPR3 PF	1.011	70	21	95	73072	ALT12 PF	1.013	65	5	65	73073	ALT34 PF	1.012	81	5	81
73080	WSPFLD 3	1.001	107	12	107												
*** NEMA / BOSTON ***																	
#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX
71060	MYST G4	1.002	0	0	133	71061	MYST 5G	1.018	0	0	129	71062	MYST G6	1.018	0	0	136
71063	MYST G7	1.017	565	67	565	71067	MY58 GTS	1.040	507	142	520	71068	MY58 ST	1.038	307	67	312
71069	MY59 GTS	1.096	554	440	580	71070	MY59 ST	1.067	305	200*	312	71073	N.BOST 1	0.987	0	0	380
71074	N.BOST 2	0.982	0	0	380	71946	SALEM G1	1.013	79	-0	81	71947	SALEM G2	1.014	78	-0	78
71948	SALEM G3	1.010	143	-1	143	71949	SALEM G4	1.008	400	-3	400						
*** SEMA, SEMA / RHODE ISLAND ***																	
#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX
72372	BP #1 GN	1.032	241	120*	241	72375	BP #2 GN	1.031	241	117*	241	72370	BP #3 GN	1.021	595	65	605
72371	BP #4 GN	1.022	425	49	425	71743	TAU 9A,8	1.031	55	34*	55	71744	TAUNT G9	0.981	0	0	85
72669	TIVER G1	1.012	189	30	189	72670	TIVER G2	1.012	92	16	92	71316	DPA PF	1.018	63	16	68
71521	SOM G5	0.991	0	0	69	71522	SOM G6	1.012	105	86*	105	71523	SOMST JT	0.981	0	0	34
72661	MANCH09A	1.012	119	33	119	72662	MANCH10A	1.012	119	33	119	72663	MANCH11A	1.012	119	33	119
72666	FRSQ SC1	0.991	46	-4	46	72667	FRSQ SC2	0.994	46	-5*	46	72668	FRSQ SC3	0.993	46	-5*	46
71522	SOM G6	1.012	105	86*	105	71531	OSP1 PF	1.032	77	21	77	71532	OSP2 PF	1.032	77	21	77
71533	OSP3 PF	1.032	108	27	108	71534	OSP4 PF	1.032	77	21	77	71535	OSP5 PF	1.032	77	21	77
71536	OSP6 PF	1.032	108	27	108	71084	NEA GTPF	1.043	111	40*	111	71085	NEA GTPF	1.044	110	40*	110
71086	NEA STPF	1.060	80	55*	80	71251	CANAL G1	1.029	566	194	566	71252	CANAL G2	1.018	576	120*	576
71094	PLGRM G1	1.050	705	248	705	72373	MPLP 1PF	1.038	80	53*	109	72374	MPLP 2PF	1.020	44	27*	45
71095	ANPBLCK1	1.040	290	36	9999	71096	ANPBLCK2	1.040	290	36	9999	72377	BELL #1	1.091	290	150*	290
72378	BELL #2	1.091	290	150*	290												
*** CONNECTICUT ***																	
#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX
73562	MILL#2	1.005	940	248	940	73563	MILL#3	1.005	1260	330	1260	73555	MIDDTN#2	1.014	117	39	117
73556	MIDDTN#3	0.988	236	39*	233	73557	MIDDTN#4	1.020	400	200*	400	73558	MONTV#5	0.971	81	0*	81
73559	MONTV#6	0.986	402	0	402	73538	AESTH PF	0.987	180	0*	180	73565	LAKERD#1	1.017	280	83	305
73566	LAKERD#2	1.017	280	83	310	73567	LAKERD#3	1.017	280	83	310	73588	MERIDEN1	0.993	0	0	172
73589	MERIDEN2	0.993	0	0	172	73650	CRRA PF	0.950	57	5	59	73551	NORHAR#1	0.976	159	-9	162
73552	NORHAR#2	0.977	168	-9	168	73647	BPTHBR#2	0.943	0	0	170	73648	BPTHBR#3	0.953	375	-39	375
73649	BPTHBR#4	1.029	0	0	22	73652	BE 11	1.022	170	60	170	73653	BE 12	1.022	170	60	170
73654	BE 10 ST	1.024	180	60	180	73553	DEVON#7	0.981	0	0	107	73554	DEVON#8	0.981	0	0	107
73570	DEVGAS11	1.020	0	0	42	73571	DEVGAS12	1.020	0	0	42	73572	DEVGAS13	1.020	0	0	42
73573	DEVGAS14	1.020	0	0	42	73574	MILFD#1	1.005	280	20	305	73575	MILFD#2	1.005	280	20	305
73594	WALL LV1	0.965	102	-20	102	73595	WALL LV2	0.965	102	-20	102	73596	WALL LV3	0.993	0	0	51
73651	NH HARBR	0.982	447	97	447	73539	DEXTR PF	1.010	0	0	39	73541	ROCK RIV	1.028	25	0*	31
73341	SHEPAUG	1.028	42	8*	42	73187	STEVENS	1.008	0	0	29	73163	COS COB	1.024	0	0	57

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10/17/2008

## INTERFACE FLOWS

Interface Name	MW	MVAR	Interface Name	MW	MVAR	Interface Name	MW	MVAR
New Brunswick-New England	0	-13	Northern Maine Import	143	43	North Western Maine Export	242	-41
Maine-New Hampshire	-215	2	Northern NE-Scobie + 394	1005	196	Seabrook-South	1151	105
North-South	443	3	Sandy Pond-South	1689	257	Comerford/Moore-South MW	677	-3
Comerford-South MVA	2411	372	New York-New England	-86	-172	SEMA/RI Export	1169	59
Connecticut Import	20	-41	New England East-West	-284	39	Central-East	2095	-17
Total East	3343	-152	CONVEK-REMVEC	120	-23	SW-Conn Import	1639	297
Norwalk-Stamford	303	-19	Boston Import	2510	188	NEMA-Boston Import	3309	183
PV20 Import	118	11	HQ Phase II DC Import	2000	342	Highgate DC Import	150	-11
Chateauguay DC Import	-366	268	Madawaska DC Import	0	-0	Bel River DC Import	-0	61
Orrington-South	-311	34	Surowiec-South	-970	91	SEMA Export	649	-28
ME-NH_Y138	-266	11	SUROWIEC-SOUTH_Y138	-295	29	Northern Maine Import Y138	0	0
Saco Vly - White Lake Y138	-51	9						

## Bus Voltages

#	Bus Name	V	#	Bus Name	V	#	Bus Name	V
70001	CHESTER	357	70002	ORRINGTN	357	70003	MAXCYS	356
70086	ME YANK	356	70091	MASON	355	70087	SUROWIEC	356
70090	BUXTON	356	70089	S.GORHAM	356	70088	WYMAN	355
72691	DRFLD345	354	72692	NWGTN345	357	72699	GOSLING1	357
72705	GOSLING2	357	72693	SCOB 345	353	72694	SEBRK345	357
71789	TEWKS	358	71786	SANDY PD	359	70783	PILGRIM	358
72926	NRTHFLD	359	70027	ORRINGTN	121	70028	GRAHAM	119
70022	HARDNGTN	116	70023	WASH.CTY	115	70029	PWRSVLL	120
70033	BOGGYBRK	117	70038	KEENE RD	119	90199	TRENTON	116
70210	BUCKSPOR	118	70191	MAXCYS0	120	70192	MASONS	119
70125	SUROWIEC	120	70165	S.GORHAM	120	70101	RUMFRDGN	120
70103	KIMBL RD	120	70104	LEW LWR	119	70108	DETROIT	118
70109	BELFAST	117	70110	HIGHLAND	116	70111	HARRIS	121
70113	WYMAN	120	70114	WINSLOW	119	70117	LIVERMOR	119
70118	GULF ISL	119	70119	BRNS CRG	118	70124	FORE RIV	118
70128	YARMOUTH	120	70129	LOUDEN	119	70130	Q HILL	119
70133	MOSHERS	119	70135	PRIDESCR	119	70136	CROWLEYS	120
70138	NORT AUG	117	70139	SEWALL	118	70140	CAPE	118
70141	P HILL	118	70142	RICERIPS	118	70144	BOLT HL	119
70146	PARK ST.	115	70147	LAKWOOD	117	70148	BATH	117
70149	MEADOWRD	116	70151	HINKL PD	118	70156	BIDD I P	118
70159	FUDDLK	117	70160	W.BUXTON	119	70161	NEWCASTL	118
70162	SANFORD	120	70163	MAG ROAD	120	70167	HOTEL RD	118
70168	WOODSTK	120	70170	BOWMAN	118	70173	SDW SOMS	116
70174	TOPS81TP	118	70175	TOPS69TP	118	70180	LOVELL	119
70182	RUMFD IP	120	70183	JAY IP	119	70184	ABC 115	120
70185	WBK 115	120	70186	RPA 115	120	70211	MEADPAPR	120
72718	DEERFELD	120	72793	GOSLING	119	72754	3 RIVERS	120
70144	BOLT HL	119	72745	SCHILLER	119	72732	MADBURY	120
72746	SCOBIE2	121	72716	CHESTER	119			

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10/17/2008

2017 Summer Peak D4 Dispatch with 0 NB-NE  
S12N and N5

*** MAINE ***																	
#	Name	V	MW	MX	PMAx	#	Name	V	MW	MX	PMAx	#	Name	V	MW	MX	PMAx
70060	MIS GT1	1.030	171	26	179	70061	MIS GT2	1.030	171	26	179	70062	MIS ST	1.031	191	29	191
70426	CHAMP G2	0.989	0	0	21	70424	CHAMP G3	1.064	65	32*	72	70389	BUCKS G4	1.055	174	51	191
70067	U P 5 PF	1.042	0	0	25	70070	U P 6 PF	1.012	0	0	25	70069	WENFD PH	1.034	6	1	20
70029	PWRSVLLR	1.043	70	0	126	70066	PERC PF	1.055	6	0*	25	70019	ELLSWRTH	1.027	16	0*	17
70040	GRAHAM 1	1.047	0	0	16	70372	SEA STRN	0.950	0	0	47	70360	WYMAN #1	1.013	27	12*	27
70361	WYMAN #2	1.015	27	12*	27	70362	WYMAN #1	1.016	25	12*	25	70363	WILLM #1	1.043	8	1	8
70364	WILLM #2	1.044	7	1	7	70356	HARRIS#1	0.977	17	2	17	70357	HARRIS#2	0.977	37	3	37
70358	HARRIS#3	0.978	36	3	36	70381	RPA CGI	1.027	179	19	179	70382	RPA SG2	1.035	93	9	93
70377	AEC G1	1.062	50	12	55	70378	AEC G2	1.062	50	11	55	70379	AEC G3	1.062	50	12	55
70370	AEI GEN	1.037	36	3*	39	70365	WF WY #1	0.995	0	0	57	70366	WF WY #2	0.995	0	0	57
70367	WF WY #3	0.997	0	0	125	70368	WF WY #4	1.005	0	0	636	70386	WBK G1	0.985	0	0	185
70387	WBK G2	0.985	0	0	185	70388	WBK G3	0.985	0	0	196	70140	CAPE	1.026	0	0	24
70421	J/MILL B	1.052	17	27*	35	70420	J/MILL A	1.045	30	20*	35	70432	J/MILL C	1.018	-7	3*	40
70425	HEADCOGN	1.037	93	46*	110	70383	RUMF FAL	1.044	25	-0*	36	70422	WARRN G1	1.023	51	15*	51
70423	WARRN G2	0.987	0	0	62	70129	LOUDEN	1.032	9	0*	37	70160	W.BUXTON	1.032	13	0*	37
70223	TOPSHMGN	1.045	8	0*	28	70118	GULF ISL	1.036	11	0*	34	70104	LEW LMR	1.029	6	-3*	30
70222	TOPSHAM	1.045	7	-2*	20	70177	LWSTN GN	1.029	0	0	17	70147	LAKWOOD	1.005	9	4*	9
70410	HYDRO KN	1.045	17	0*	17	70330	WINSLOW	1.038	22	0*	22	70142	RICERIPS	1.020	5	0*	5
70355	ATHENS	0.979	0	0	42	70391	REDCOLLW	1.050	0	0	45	70392	BNCOLLW	1.050	0	0	45
70351	KIBBY G1	1.030	33	5	33	70352	KIBBY G2	1.030	27	6	27	70353	KIBBY G3	1.030	36	6	36
70354	KIBBY G4	1.030	39	5	39												
*** NEW HAMPSHIRE / VERMONT ***																	
#	Name	V	MW	MX	PMAx	#	Name	V	MW	MX	PMAx	#	Name	V	MW	MX	PMAx
72869	SBRK G1	1.004	1318	269	1318	72868	MWNGT G1	0.988	422	34	422	72702	CONEDG1	0.998	169	34	169
72703	CONEDG2	0.998	169	34	169	72704	CONEDG3	0.996	195	34	195	72866	MRRMK G1	1.029	113	18	113
72867	MRRMK G2	1.029	320	51	320	72870	SCHILLER	0.999	48	6	48	72871	SCHILLER	0.999	50	6	50
72872	SCHILLER	0.999	48	6	48	71950	GRANRDG1	1.041	250	28	280	71951	GRANRDG2	1.037	250	28	280
72701	AESSTG	1.033	250	6	264	71857	COMRF G1	1.024	41	5	41	71858	COMRF G2	1.024	41	5	41
71859	COMRF G3	1.024	41	5	41	71860	COMRF G4	1.024	41	5	41	71861	MOORE G1	1.000	40	-1	48
71862	MOORE G2	1.011	40	-1	48	71863	MOORE G3	0.992	40	-1	48	71864	MOORE G4	1.008	40	-1	48
72756	TAMW PF	1.007	20	0*	20	595	L NATION	1.010	0	0	9999	612	WFLD ATR	1.030	0	0	9999
606	PINKTREE	1.030	0	0	9999	72760	POTOK PH	1.025	8	0*	11	72758	SMITH HY	1.023	9	0*	16
70705	VTYAK G	0.981	667	150*	667												
*** WESTERN MASSACHUSETTS ***																	
#	Name	V	MW	MX	PMAx	#	Name	V	MW	MX	PMAx	#	Name	V	MW	MX	PMAx
72512	BRSWP G1	1.020	280	80	294	72513	BRSWP G2	1.020	280	80	294	73083	NRTHFD12	1.026	540	156	540
73084	NRTHFD34	1.026	540	156	540	72243	MILLENCT	1.006	273	45	273	72244	MILLENST	1.005	117	20	117
72930	STNYBK1A	1.097	65	30*	65	72931	STNYBK1B	1.097	65	30*	65	72932	STNYBK1C	1.097	65	30*	65
72933	STNYBK1	1.095	87	30*	87	72934	STNYBK2A	1.097	65	30*	65	72935	STNYBK2B	1.097	65	30*	65
72986	BERKPWR	1.021	280	23	305	73069	MAPR1 PF	1.016	56	20	106	73070	MAPR2 PF	1.015	76	20	106
73071	MAPR3 PF	1.010	70	20	95	73072	ALT12 PF	1.012	65	4	65	73073	ALT14 PF	1.011	81	4	81
73080	WSPFLD 3	1.000	107	11	107												
*** NEMA / BOSTON ***																	
#	Name	V	MW	MX	PMAx	#	Name	V	MW	MX	PMAx	#	Name	V	MW	MX	PMAx
71060	MYST G4	1.002	0	0	133	71061	MYST 5G	1.018	0	0	129	71062	MYST G6	1.018	0	0	136
71063	MYST G7	1.017	565	66	565	71067	MYST GTS	1.040	507	141	520	71068	MYST ST	1.037	307	66	312
71069	MYST GTS	1.099	554	45*	580	71070	MYS9 ST	1.067	305	200*	312	71073	N.BOST 1	0.986	0	0	380
71074	N.BOST 2	0.982	0	0	380	71946	SALEM G1	1.013	79	-1	81	71947	SALEM G2	1.014	78	-1	78
71948	SALEM G3	1.010	143	-1	143	71949	SALEM G4	1.008	400	-3	400						
*** SEMA, SEMA / RHODE ISLAND ***																	
#	Name	V	MW	MX	PMAx	#	Name	V	MW	MX	PMAx	#	Name	V	MW	MX	PMAx
72372	BP #1 GN	1.032	241	120*	241	72375	BP #2 GN	1.031	241	117*	241	72370	BP #3 GN	1.022	595	69	605
72371	BP #4 GN	1.022	425	52	425	71743	TAU 9A,8	1.031	55	34*	55	71744	TAUNT G9	0.981	0	0	85
72669	TIVER G1	1.013	189	31	189	72670	TIVER G2	1.012	92	16	92	71316	DPA PF	1.018	63	16	68
71521	SOM G5	0.991	0	0	69	71522	SOM G6	1.012	105	86*	105	71523	SOMST JT	0.980	0	0	34
72661	MANCH09A	1.012	119	33	119	72662	MANCH10A	1.012	119	33	119	72663	MANCH11A	1.012	119	33	119
72666	FRSQ SC1	0.991	46	-4	46	72667	FRSQ SC2	0.994	46	-5*	46	72668	FRSQ SC3	0.993	46	-5*	46
71522	SOM G6	1.012	105	86*	105	71531	OSP1 PF	1.034	77	22	77	71532	OSP2 PF	1.034	77	22	77
71533	OSP3 PF	1.034	108	29	108	71534	OSP4 PF	1.034	77	22	77	71535	OSP5 PF	1.034	77	22	77
71536	OSP6 PF	1.034	108	29	108	71084	NEA GTPF	1.043	111	40*	111	71085	NEA GTFP	1.043	110	40*	110
71086	NEA STPF	1.060	80	55*	80	71251	CANAL G1	1.030	566	196	566	71252	CANAL G2	1.018	576	120*	576
71094	PLGRM G1	1.051	705	257	705	72373	MPLP 1PF	1.037	80	53*	109	72374	MPLP 2PF	1.019	44	27*	45
71095	ANFBCLK1	1.047	290	52	9999	71096	ANFBCLK2	1.047	290	52	9999	72377	BELL #1	1.090	290	150*	290
72378	BELL #2	1.090	290	150*	290												
*** CONNECTICUT ***																	
#	Name	V	MW	MX	PMAx	#	Name	V	MW	MX	PMAx	#	Name	V	MW	MX	PMAx
73562	MILL#2	1.004	940	240	940	73563	MILL#3	1.005	1260	319	1260	73555	MIDDTN#2	1.013	117	37	117
73556	MIDDTN#3	0.987	236	37*	233	73557	MIDDTN#4	1.022	400	200*	400	73558	MONTV#5	0.971	81	-0*	81
73559	MONTV#6	0.986	402	2	402	73538	ARSTH PF	0.987	180	-0*	180	73565	LAKERD#1	1.016	280	80	305
73566	LAKERD#2	1.016	280	80	310	73567	LAKERD#3	1.016	280	80	310	73588	MERIDEN1	0.995	0	0	172
73589	MERIDEN2	0.995	0	0	172	73650	CRRA PF	0.950	57	6	59	73551	NORHAR#1	0.976	159	-10	162
73552	NORHAR#2	0.976	168	-10	168	73647	BPTHBR#2	0.943	0	0	170	73648	BPTHBR#3	0.953	375	-38	375
73649	BPTHBR#4	1.029	0	0	22	73652	BE 11	1.022	170	60	170	73653	BE 12	1.022	170	60	170
73654	BE 10 ST	1.024	180	60	180	73553	DEVON#7	0.981	0	0	107	73554	DEVON#8	0.981	0	0	107
73570	DEVGAS11	1.021	0	0	42	73571	DEVGAS12	1.021	0	0	42	73572	DEVGAS13	1.021	0	0	42
73573	DEVGAS14	1.021	0	0	42	73574	MILFD#1	1.005	280	20	305	73575	MILFD#2	1.005	280	20	305
73594	WALL LV1	0.965	102	-20	102	73595	WALL LV2	0.965	102	-20	102	73596	WALL LV3	0.993	0	0	51
73651	NH HARBR	0.981	447	92	447	73539	DEKTR PF	1.011	0	0	39	73541	ROCK RIV	1.028	25	-0*	31
73341	SHEPAUG	1.028	42	8*	42	73187	STEVENS	1.008	0	0	29	73163	COS COB	1.024	0	0	57

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10/17/2008

### INTERFACE FLOWS

Interface Name	MW	MVAR	Interface Name	MW	MVAR	Interface Name	MW	MVAR
New Brunswick-New England	0	-16	Northern Maine Import	103	81	North Western Maine Export	353	-49
Maine-New Hampshire	-1026	64	Northern NB-Scobie + 394	504	227	Seabrook-South	868	113
North-South	-100	20	Sandy Pond-South	1512	259	Comerford/Moore-South MW	665	-1
Comerford-South MVA	2404	374	New York-New England	-95	-169	SEMA/RI Export	1093	92
Connecticut Import	-541	3	New England East-West	-814	99	Central-East	2099	-20
Total East	3341	-157	CONVEX-REMVEC	639	-34	SW-Conn Import	1628	300
Norwalk-Stamford	292	-17	Boston Import	2426	181	NEMA-Boston Import	3244	172
PV20 Import	117	11	HQ Phase II DC Import	2000	344	Highgate DC Import	149	-11
Chateaugay DC Import	-366	268	Madawaska DC Import	-0	0	Bel River DC Import	-0	61
Orrington-South	370	-7	Surowiec-South	-125	91	SEMA Export	649	-11
ME-NH Y138	-503	46	SUROWIEC-SOUTH_Y138	-107	28	Northern Maine Import Y138	0	0
Saco Vly - White Lake Y138	-47	3						

### Bus Voltages

#	Bus Name	V	#	Bus Name	V	#	Bus Name	V
70001	CHESTER	357	70002	ORRINGTN	358	70003	MAXCYS	357
70086	ME YANK	358	70091	MASON	358	70087	SUROWIEC	357
70090	BUXTON	356	70089	S.GORHAM	356	70088	WYMAN	356
72691	DRFLD345	354	72692	NWGTN345	357	72699	GOSLING1	357
72705	GOSLING2	357	72693	SCOB 345	352	72694	SEBRK345	357
71789	TEWKS	358	71786	SANDY PD	358	70783	PILGRIM	358
72926	NRTHFLD	359	70027	ORRINGTN	121	70028	GRAHAM	121
70022	HARDNGTN	117	70023	WASH.CTY	116	70029	PWRSVILLE	120
70033	BOGGYBRK	118	70038	KEENE RD	119	90199	TRENTON	117
70210	BUCKSPOR	120	70191	MAXCYS0	120	70192	MASONS	120
70125	SUROWIEC	120	70165	S.GORHAM	120	70101	RUMFRDGN	120
70103	KIMBL RD	117	70104	LEW LWR	118	70108	DETROIT	117
70109	BELFAST	119	70110	HIGHLAND	117	70111	HARRIS	121
70113	WYMAN	118	70114	WINSLOW	118	70117	LIVERMOR	119
70118	GULF ISL	119	70119	BRNS CRG	118	70124	FORE RIV	118
70128	YARMOUTH	120	70129	LOUDEN	119	70130	Q HILL	119
70133	MOSHERS	119	70135	PRIDESC	119	70136	CROWLEYS	119
70138	NORT AUG	117	70139	SEWALL	118	70140	CAPE	118
70141	P HILL	118	70142	RICERIPS	117	70144	BOLT HL	119
70146	PARK ST.	116	70147	LAKWOOD	116	70148	BATH	117
70149	MEADOWRD	117	70151	HINKL PD	118	70156	BIDD I P	118
70159	PUDDLCK	117	70160	W.BUXTON	119	70161	NEWCASTL	118
70162	SANFORD	120	70163	MAG ROAD	120	70167	HOTEL RD	118
70168	WOODSTK	118	70170	BOWMAN	118	70173	SDW SOMS	115
70174	TOPS81TP	118	70175	TOPS69TP	118	70180	LOVELL	116
70182	RUMFD IP	120	70183	JAY IP	119	70184	AEC 115	120
70185	WBK 115	119	70186	RPA 115	120	70211	MEADPAPR	120
72718	DRERFRLD	120	72793	GOSLING	119	72754	3 RIVERS	120
70144	BOLT HL	119	72745	SCHILLER	119	72732	MADBURY	120
72746	SCOBIE2	121	72716	CHESTER	119			

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10/17/2008

2017 Summer Peak D2 Dispatch with 500 NB-NE  
Alternatives S12 and N5 - updated for N-1-1  
115KV Line Orr-Max, S.86N rebuilt, Belfast cap

*** MAINE ***																	
#	Name	V	MW	MX	PMAK	#	Name	V	MW	MX	PMAK	#	Name	V	MW	MX	PMAK
70060	MIS GT1	1.040	146	41	179	70061	MIS GT2	1.040	146	41	179	70062	MIS ST	1.042	166	46	191
70426	CHAMP G2	0.989	0	0	21	70424	CHAMP G3	1.064	65	32*	72	70389	BUCKS G4	1.068	174	69	191
70067	U P 5 PF	1.041	0	0	25	70070	U P 6 PF	1.011	0	0	25	70069	WENFD PH	1.033	6	1	20
70029	PWRSVILLE	1.043	0	11	126	70066	PERC PF	1.050	6	0*	25	70019	ELLSWRTH	1.025	16	0*	17
70040	GRAHAM 1	1.047	0	0	16	70372	SEA STRN	0.949	0	0	47	70360	WYMAN #1	0.974	0	0	27
70361	WYMAN #2	1.014	22	12*	27	70362	WYMAN #3	0.975	0	0	25	70363	WILLM #1	1.025	0	0	8
70364	WILLM #2	1.042	3	1	7	70356	HARRIS#1	0.999	16	7*	17	70357	HARRIS#2	0.958	0	0	37
70358	HARRIS#3	0.958	0	0	36	70381	RPA CG1	0.998	0	0	179	70382	RPA SG2	1.006	0	0	93
70377	AEC G1	1.089	50	26	55	70378	AEC G2	1.089	50	25	55	70379	AEC G3	1.090	50	26	55
70370	ABI GEN	1.040	36	3*	39	70365	WF WY #1	1.011	57	10	57	70366	WF WY #2	1.011	57	10	57
70367	WF WY #3	1.011	125	20	125	70368	WF WY #4	0.995	626	-2	636	70386	WBK G1	1.019	185	45	185
70387	WBK G2	1.019	185	45	185	70388	WBK G3	1.019	196	46	196	70140	CAPE	1.028	0	0	24
70421	J/MILL B	1.051	17	27*	35	70420	J/MILL A	1.044	30	20*	35	70432	J/MILL C	1.020	-7	3*	40
70425	HEADCOGN	1.000	0	0	110	70383	RUMF FAL	1.043	25	8	36	70422	WARRN G1	1.034	51	15*	51
70423	WARRN G2	0.999	0	0	62	70129	LOUDEN	1.032	5	0*	37	70160	W.BUXTON	1.033	5	0*	37
70223	TOPSHAMN	1.044	3	0*	28	70118	GULF ISL	1.041	2	0*	34	70104	LEW LWR	1.034	3	-3*	30
70222	TOPSHAM	1.044	3	-2*	20	70177	LWSTN GN	1.034	0	0	17	70147	LAKEWOOD	1.015	2	4*	9
70410	HYDRO KN	1.037	4	0*	17	70330	WINSLOW	1.035	4	0*	22	70142	RICERIPS	1.031	0	0	5
70355	ATHENS	0.983	0	0	42	70391	REDCOLLW	1.050	0	0	45	70392	ENCOLLW	1.050	0	0	45
70351	KIBBY G1	1.030	33	5	33	70352	KIBBY G2	1.030	27	6	27	70353	KIBBY G3	1.030	36	7	36
70354	KIBBY G4	1.030	39	5	39												
*** NEW HAMPSHIRE / VERMONT ***																	
#	Name	V	MW	MX	PMAK	#	Name	V	MW	MX	PMAK	#	Name	V	MW	MX	PMAK
72869	SHRK G1	1.006	1318	285	1318	72868	NWNGT G1	0.983	422	16	422	72702	CONEDG1	0.991	169	16	169
72703	CONEDG2	0.991	169	16	169	72704	CONEDG3	0.989	195	16	195	72866	MERMK G1	1.030	113	19	113
72867	MERMK G2	1.030	320	54	320	72870	SCHILLER	0.999	48	6	48	72871	SCHILLER	0.999	50	6	50
72872	SCHILLER	0.999	48	6	48	71950	GRANRDG1	1.041	250	28	280	71951	GRANRDG2	1.038	250	28	280
72701	AESSTG	1.039	250	18	264	71857	COMRF G1	1.026	41	6	41	71858	COMRF G2	1.026	41	6	41
71859	COMRF G3	1.026	41	6	41	71860	COMRF G4	1.026	41	6	41	71861	MOORE G1	1.002	40	-1	48
71862	MOORE G2	1.009	40	-1	48	71863	MOORE G3	0.991	40	-1	48	71864	MOORE G4	1.006	40	-1	48
72756	TAMW PF	1.017	20	0*	20	595	L NATION	1.018	0	0	9999	612	WFLD AIR	1.030	0	0	9999
606	PINETREE	1.030	0	0	9999	72760	POTOK PH	1.033	8	0*	11	72758	SMITH HY	1.031	9	0*	16
70705	VTYAK G	0.980	667	135	667												
*** WESTERN MASSACHUSETTS ***																	
#	Name	V	MW	MX	PMAK	#	Name	V	MW	MX	PMAK	#	Name	V	MW	MX	PMAK
72512	BRSWP G1	1.016	280	68	294	72513	BRSWP G2	1.016	280	68	294	73083	NRTHFD12	1.026	540	160*	540
73084	NRTHFD34	1.026	540	160*	540	72243	MILLENCT	1.006	273	44	273	72244	MILLENST	1.005	117	20	117
72930	STNYBKLA	1.092	65	30*	65	72931	STNYBKLB	1.092	65	30*	65	72932	STNYBKLC	1.092	65	30*	65
72933	STNYBK 1	1.090	87	30*	87	72934	STNYBK2A	1.092	65	30*	65	72935	STNYBK2B	1.092	65	30*	65
72986	BERKFWR	1.028	280	36	305	73069	MAPR1 PF	1.017	56	21	106	73070	MAPR2 PF	1.015	76	21	106
73071	MAPR3 PF	1.010	70	21	95	73072	ALT12 PF	1.018	65	8	65	73073	ALT34 PF	1.016	81	8	81
73080	WSPFLD 3	0.999	107	10	107												
*** NEMA / BOSTON ***																	
#	Name	V	MW	MX	PMAK	#	Name	V	MW	MX	PMAK	#	Name	V	MW	MX	PMAK
71060	MYST G4	1.002	0	0	133	71061	MYST 5G	1.018	0	0	129	71062	MYST G6	1.018	0	0	136
71063	MYST G7	1.018	565	70	565	71067	MYSS GTS	1.041	554	149*	520	71068	MYSS ST	1.039	305	70	312
71069	MYSS GTS	1.096	554	440	580	71070	MYS9 ST	1.067	305	200*	312	71073	N.BOST 1	0.986	0	0	380
71074	N.BOST 2	0.982	0	0	380	71946	SALEM G1	1.013	79	-0	81	71947	SALEM G2	1.014	78	-0	78
71948	SALEM G3	1.010	143	-1	143	71949	SALEM G4	1.008	400	-2	400						
*** SEMA, SEMA / RHODE ISLAND ***																	
#	Name	V	MW	MX	PMAK	#	Name	V	MW	MX	PMAK	#	Name	V	MW	MX	PMAK
72372	BP #1 GN	1.033	241	120*	241	72375	BP #2 GN	1.031	241	117*	241	72370	BP #3 GN	1.021	595	66	605
72371	BP #4 GN	1.022	425	49	425	71743	TAU 9A, 8	1.031	55	34*	55	71744	TAUNT G9-0.980	0	0	0	85
72669	TIVERR G1	1.012	189	30	189	72670	TIVERR G2	1.012	92	16	92	71316	DPA PF	1.018	63	16	68
71521	SOM GS	0.991	0	0	69	71522	SOM G6	1.012	105	86*	105	71523	SOMST JT	0.981	0	0	34
72661	MANCH09A	1.013	119	34	119	72662	MANCH10A	1.013	119	34	119	72663	MANCH11A	1.013	119	34	119
72666	FRSQ SC1	0.991	46	-4	46	72667	FRSQ SC2	0.994	46	-5*	46	72668	FRSQ SC3	0.993	46	-5*	46
71522	SOM G6	1.012	105	86*	105	71531	OSP1 PF	1.032	77	21	77	71532	OSP2 PF	1.032	77	21	77
71533	OSP3 PF	1.032	108	28	108	71534	OSP4 PF	1.032	77	21	77	71535	OSP5 PF	1.032	77	21	77
71536	OSP6 PF	1.032	108	28	108	71084	NEA GTPF	1.043	111	40*	111	71085	NEA GTPF	1.043	110	40*	110
71086	NEA STPF	1.060	80	55*	80	71251	CANAL G1	1.034	566	212	566	71252	CANAL G2	1.018	576	120*	576
71094	PLGRM G1	1.050	705	260*	705	72373	MPLP 1PF	1.039	80	53*	109	72374	MPLP 2PF	1.021	44	27*	45
71095	ANPBLCK1	1.038	290	32	9999	71096	ANPBLCK2	1.038	290	32	9999	72377	BELL #1	1.091	290	150*	290
72378	BELL #2	1.091	290	150*	290												
*** CONNECTICUT ***																	
#	Name	V	MW	MX	PMAK	#	Name	V	MW	MX	PMAK	#	Name	V	MW	MX	PMAK
73562	MILL#2	1.006	940	257	940	73563	MILL#3	1.007	1260	342	1260	73555	MIDDTN#2	1.013	117	38	117
73556	MIDDTN#3	0.987	236	38*	233	73557	MIDDTN#4	1.019	400	200*	400	73558	MONTV#5	0.971	81	0*	81
73559	MONTV#6	0.985	402	-1	402	73538	ARSTH PF	0.987	180	-0*	180	73565	LAKERD#1	1.025	280	100	305
73566	LAKERD#2	1.025	280	100	310	73567	LAKERD#3	1.025	280	100	310	73588	MERIDEN1	0.992	0	0	172
73589	MERIDEN2	0.992	0	0	172	73650	CRRA PF	0.950	57	6	59	73551	NORHAR#1	0.977	159	-9	162
73552	NORHAR#2	0.977	168	-9	168	73647	BPTHRR#2	0.943	0	0	170	73648	BPTHRR#3	0.954	375	-32	375
73649	BPTHRR#4	1.029	0	0	22	73652	BE 11	1.023	170	61	170	73653	BE 12	1.023	170	61	170
73654	BE 10 ST	1.025	180	61	180	73553	DEVON#7	0.981	0	0	107	73554	DEVON#8	0.981	0	0	107
73570	DEVGAS11	1.020	0	0	42	73571	DEVGAS12	1.020	0	0	42	73572	DEVGAS13	1.020	0	0	42
73573	DEVGAS14	1.020	0	0	42	73574	MILFD#1	1.006	280	23	305	73575	MILFD#2	1.006	280	23	305
73594	WALL LV1	0.964	102	-20	102	73595	WALL LV2	0.964	102	-20	102	73596	WALL LV3	0.993	0	0	51
73651	NH HARBR	0.983	447	104	447	73539	DEXTR PF	1.009	0	0	39	73541	ROCK RIV	1.029	25	1	31
73341	SHBPADG	1.027	42	8*	42	73187	STEVENS	1.007	0	0	29	73163	COS COB	1.024	0	0	57

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10/17/2008

## INTERFACE FLOWS

Interface Name	MW	MVAR	Interface Name	MW	MVAR	Interface Name	MW	MVAR
New Brunswick-New England	501	-47	Northern Maine Import	357	35	North Western Maine Export	-48	-21
Maine-New Hampshire	167	-10	Northern NE-Scobie + 394	1574	166	Seabrook-South	1288	103
North-South	1054	-16	Sandy Pond-South	1874	256	Comerford/Moore-South MW	688	-4
Comerford-South MVA	2412	373	New York-New England	-786	-80	SEMA/RI Export	1678	9
Connecticut Import	473	-69	New England East-West	819	-54	Central-East	1724	-77
Total East	2692	-239	CONVEK-REMVEC	-891	53	SW-Conn Import	1578	297
Norwalk-Stamford	227	-16	Boston Import	2523	189	NEMA-Boston Import	3296	186
PV20 Import	122	11	HQ Phase II DC Import	2000	342	Highgate DC Import	154	-12
Chateaugay DC Import	-366	269	Madawaska DC Import	0	0	Sel River DC Import	0	60
Orrington-South	724	-44	Surowiec-South	-331	94	SEMA Export	1141	-87
ME-NH Y138	119	-12	SUROWIEC-SOUTH Y138	-261	59	Northern Maine Import Y138	0	0
Saco Vly - White Lake Y138	-48	-2						

## Bus Voltages

#	Bus Name	V	#	Bus Name	V	#	Bus Name	V
70001	CHESTER	357	70002	ORRINGTON	362	70003	MAXCYS	361
70086	ME YANK	360	70091	MASON	360	70087	SUROWIEC	359
70090	BUXTON	358	70089	S. GORHAM	357	70088	WYMAN	355
72691	DRFLD345	355	72692	NWSTN345	357	72699	GOSLING1	357
72705	GOSLING2	357	72693	SCOB 345	353	72694	SEBRK345	357
71789	TEWKS	358	71786	SANDY PD	359	70783	PILGRIM	358
72926	NRTHFLD	359	70027	ORRINGTON	121	70028	GRAHAM	121
70022	HARDNGTN	117	70023	WASH. CTY	116	70029	PWRSVILLE	120
70033	BOGGYBRK	118	70038	KEENE RD	119	90199	TRENTON	117
70210	BUCKSPOR	120	70191	MAXCYS0	120	70192	MASOM5	120
70125	SUROWIEC	120	70165	S. GORHAM	120	70101	RUMFRDGN	117
70103	KIMBL RD	116	70104	LEW LWR	119	70108	DETROIT	118
70109	BELFAST	119	70110	HIGHLAND	117	70111	HARRIS	120
70113	WYMAN	118	70114	WINSLOW	120	70117	LIVERMOR	119
70118	GULF ISL	120	70119	BRNS CRG	118	70124	FORE RIV	118
70128	YARMOUTH	120	70129	LOUDEN	119	70130	Q HILL	119
70133	MOSHRRS	119	70135	PRIDESCR	118	70136	CROWLEYS	120
70138	NORT AUG	117	70139	SEWALL	118	70140	CAPE	118
70141	P HILL	118	70142	RICERIPS	119	70144	BOLT HL	119
70146	PARK ST.	116	70147	LAKWOOD	117	70148	BATH	117
70149	MEADOWRD	117	70151	HINKL PD	118	70156	BIDD I P	118
70159	PUDDLK	117	70160	W. BUXTON	119	70161	NEWCASTL	118
70162	SANFORD	120	70163	MAG ROAD	120	70167	HOTEL RD	118
70168	WOODSTK	117	70170	BOWMAN	118	70173	SDW SOMS	116
70174	TOPS81TP	118	70175	TOPS69TP	117	70180	LOVELL	116
70182	RUMFD IP	117	70183	JAY IP	119	70184	AEC 115	120
70185	WBK 115	120	70186	RPA 115	117	70211	MEADPAPR	117
72718	DEERFIELD	120	72793	GOSLING	119	72754	3 RIVERS	120
70144	BOLT HL	119	72745	SCHILLER	119	72732	MADBURY	120
72746	SCOBIE2	120	72716	CHESTER	119			

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10/17/2008

2017 Summer Peak D4 Dispatch with 500 NB-NE  
NS S12 with Surowiec bus tie

*** MAINE ***																	
#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX
70060	MIS GT1	1.029	146	23	179	70061	MIS GT2	1.029	146	23	179	70062	MIS ST	1.030	166	26	191
70426	CHAMP G2	0.989	0	0	21	70424	CHAMP G3	1.064	65	32*	72	70389	BUCKS G4	1.055	174	52	191
70067	U P 5 PF	1.041	0	0	25	70070	U P 6 PF	1.012	0	0	25	70069	WENFD PH	1.033	6	1	20
70029	PWRSVILLE	1.043	0	11	126	70066	PERC PF	1.055	6	-0*	25	70019	ELLSWRTH	1.027	16	0*	17
70040	GRAHAM 1	1.047	0	0	16	70372	SEA STRN	0.950	0	0	47	70360	WYMAN #1	1.013	27	12*	27
70361	WYMAN #2	1.016	27	12*	27	70362	WYMAN #3	1.016	25	12*	25	70363	WILLM #1	1.042	8	1	8
70364	WILLM #2	1.043	7	1	7	70356	HARRISH1	0.976	17	2	17	70357	HARRISH#2	0.977	37	3	37
70358	HARRISH#3	0.977	36	3	36	70381	RPA CG1	1.035	179	32	179	70382	RPA SG2	1.042	93	16	93
70377	AEC G1	1.063	50	12	55	70378	AEC G2	1.063	50	12	55	70379	AEC G3	1.063	50	12	55
70370	AEI GEN	1.037	36	3*	39	70365	WF WY #1	0.994	0	0	57	70366	WF WY #2	0.994	0	0	57
70367	WF WY #3	0.996	0	0	125	70368	WF WY #4	1.003	0	0	636	70386	WBK G1	0.986	0	0	185
70387	WBK G2	0.986	0	0	185	70388	WBK G3	0.986	0	0	196	70140	CAPE	1.026	0	0	24
70421	J/MILL B	1.052	17	27*	35	70420	J/MILL A	1.045	30	20*	35	70432	J/MILL C	1.021	-7	3*	40
70425	MBADCOGN	1.018	85	25*	110	70383	RUMP FAL	1.043	25	0	36	70422	WARRN G1	1.026	51	15*	51
70423	WARRN G2	0.990	0	0	62	70129	LOUDEN	1.033	9	0*	37	70160	W.BUXTON	1.034	13	0*	37
70223	TOPSHMGN	1.040	8	0*	28	70118	GULF ISL	1.034	11	0*	34	70104	LEW LWR	1.027	6	-3*	30
70222	TOPSHAM	1.040	7	-1	20	70177	LWSTN GN	1.027	0	0	17	70147	LAKWOOD	1.007	9	4*	9
70410	HYDRO KN	1.054	17	0*	17	70330	WINSLOW	1.047	22	0*	22	70142	RICERIPS	1.022	5	0*	5
70355	ATHENS	0.980	0	0	42	70391	REDCOLLW	1.050	0	0	45	70392	BNCOLLW	1.050	0	0	45
70351	KIBBY G1	1.030	33	5	33	70352	KIBBY G2	1.030	27	6	27	70353	KIBBY G3	1.030	36	6	36
70354	KIBBY G4	1.030	39	5	39												
*** NEW HAMPSHIRE / VERMONT ***																	
#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX
72869	SBRK G1	1.005	1318	280	1318	72868	NWNGT G1	0.986	422	29	422	72702	CONEDG1	0.996	169	29	169
72703	CONEDG2	0.996	169	29	169	72704	CONEDG3	0.995	195	29	195	72866	MERMK G1	1.029	113	18	113
72867	MERMK G2	1.030	320	53	320	72870	SCHILLER	1.000	48	6	48	72871	SCHILLER	1.000	50	6	50
72872	SCHILLER	1.000	48	6	48	71950	GRANRDG1	1.041	250	28	280	71951	GRANRDG2	1.037	250	28	280
72701	AESSTG	1.033	250	6	264	71857	COMRF G1	1.023	41	5	41	71858	COMRF G2	1.023	41	5	41
71859	COMRF G3	1.023	41	5	41	71860	COMRF G4	1.023	41	5	41	71861	MOORE G1	1.001	40	-1	48
71862	MOORE G2	1.010	40	-1	48	71863	MOORE G3	0.991	40	-1	48	71864	MOORE G4	1.007	40	-1	48
72756	TAMW PF	1.019	20	0*	20	595	L NATION	1.014	0	0	9999	612	WFLD AIR	1.030	0	0	9999
606	PINETREE	1.030	0	0	9999	72760	POTOK PH	1.029	8	0*	11	72758	SMITH HY	1.027	9	0*	16
70705	VTYAK G	0.983	667	150*	667												
*** WESTERN MASSACHUSETTS ***																	
#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX
72512	BRSWP G1	1.016	280	69	294	72513	BRSWP G2	1.016	280	69	294	73083	NRTHFD12	1.024	540	148	540
73084	NRTHFD34	1.024	540	148	540	72243	MILLENCT	1.005	273	43	273	72244	MILLENST	1.004	117	19	117
72930	STNYBKLA	1.097	65	30*	65	72931	STNYBKIB	1.097	65	30*	65	72932	STNYBKIC	1.097	65	30*	65
72933	STNYBK 1	1.094	87	30*	87	72934	STNYBK2A	1.097	65	30*	65	72935	STNYBK2B	1.097	65	30*	65
72986	BERKFWR	1.025	280	30	305	73069	MAPR1 PF	1.017	56	21	106	73070	MAPR2 PF	1.016	76	21	106
73071	MAPR3 PF	1.011	70	21	95	73072	ALT12 PF	1.014	65	5	65	73073	ALT34 PF	1.013	81	5	81
73080	WSPFLD 3	1.001	107	12	107												
*** NEMA / BOSTON ***																	
#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX
71060	MYST G4	1.002	0	0	133	71061	MYST 5G	1.018	0	0	129	71062	MYST G6	1.018	0	0	136
71063	MYST G7	1.017	565	67	565	71067	MYX8 GTS	1.039	554	142*	520	71068	MYX8 ST	1.038	305	67	312
71069	MYX9 GTS	1.099	554	455	580	71070	MYX9 ST	1.067	305	200*	312	71073	N.BOST 1	0.986	0	0	380
71074	N.BOST 2	0.982	0	0	380	71946	SALEM G1	1.013	79	-1	81	71947	SALEM G2	1.014	78	-1	78
71948	SALEM G3	1.010	143	-1	143	71949	SALEM G4	1.008	400	-3	400						
*** SEMA, SEMA / RHODE ISLAND ***																	
#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX
72372	BP #1 GN	1.032	241	120*	241	72375	BP #2 GN	1.031	241	117*	241	72370	BP #3 GN	1.022	595	68	605
72371	BP #4 GN	1.022	425	51	425	71743	TAU 9A,8	1.031	55	34*	55	71744	TAUNT G9	0.980	0	0	85
72669	TIVER G1	1.013	189	30	189	72670	TIVER G2	1.012	92	16	92	71316	DPA PF	1.018	63	16	68
71521	SOM G5	0.991	0	0	69	71522	SOM G6	1.012	105	86*	105	71523	SOMST JT	0.981	0	0	34
72661	MANCH09A	1.013	119	33	119	72662	MANCH10A	1.012	119	33	119	72663	MANCH11A	1.013	119	33	119
72666	FRSQ SC1	0.991	46	-4	46	72667	FRSQ SC2	0.994	46	-5*	46	72668	FRSQ SC3	0.993	46	-5*	46
71522	SOM G6	1.012	105	86*	105	71531	OSP1 PF	1.032	77	21	77	71532	OSP2 PF	1.032	77	21	77
71533	OSP3 PF	1.032	108	28	108	71534	OSP4 PF	1.032	77	21	77	71535	OSP5 PF	1.032	77	21	77
71536	OSP6 PF	1.032	108	28	108	71084	NEA GTFP	1.043	111	40*	111	71085	NEA GTFP	1.043	110	40*	110
71086	NEA STFP	1.060	80	55*	80	71251	CANAL G1	1.033	566	210	566	71252	CANAL G2	1.018	576	120*	576
71094	PLGRM G1	1.050	705	260*	705	72373	MPLP 1PF	1.037	80	53*	109	72374	MPLP 2PF	1.020	44	27*	45
71095	ANPBLCK1	1.045	290	46	9999	71096	ANPBLCK2	1.045	290	46	9999	72377	BELL #1	1.090	290	150*	290
72378	BELL #2	1.090	290	150*	290												
*** CONNECTICUT ***																	
#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX	#	Name	V	MW	MX	PMAX
73562	MILL#2	1.008	940	277	940	73563	MILL#3	1.009	1260	368	1260	73555	MIDDTN#2	1.018	117	43	117
73556	MIDDTN#3	0.989	236	43*	233	73557	MIDDTN#4	1.018	400	200*	400	73558	MONTV#5	0.971	81	0*	81
73559	MONTV#6	0.987	402	10	402	73538	AESTH PF	0.987	180	0*	180	73565	LAKERD#1	1.019	280	86	305
73566	LAKERD#2	1.019	280	86	310	73567	LAKERD#3	1.019	280	86	310	73588	MERIDEN1	0.989	0	0	172
73589	MERIDEN2	0.989	0	0	172	73650	CRRA PF	0.950	57	6	59	73551	NORHAR#1	0.977	159	-8	162
73552	NORHAR#2	0.977	168	-8	168	73647	BPTHBR#2	0.943	0	0	170	73648	BPTHBR#3	0.957	375	-23	375
73649	BPTHBR#4	1.029	0	0	22	73652	BE 11	1.024	170	63	170	73653	BE 12	1.024	170	63	170
73654	BE 10 ST	1.027	180	63	180	73553	DEVON#7	0.981	0	0	107	73554	DEVON#8	0.981	0	0	107
73570	DEVGAS11	1.020	0	0	42	73571	DEVGAS12	1.020	0	0	42	73572	DEVGAS13	1.020	0	0	42
73573	DEVGAS14	1.020	0	0	42	73574	MILFD#1	1.008	280	27	305	73575	MILFD#2	1.008	280	27	305
73594	WALL LV1	0.967	102	-18	102	73595	WALL LV2	0.967	102	-18	102	73596	WALL LV3	0.993	0	0	51
73651	NH HARBR	0.985	447	115	447	73539	DEXTR PF	1.008	0	0	39	73541	ROCK RIV	1.032	25	5	31
73341	SHEPAUG	1.026	42	8*	42	73187	STEVENS	1.005	0	0	29	73163	COS COB	1.024	0	0	57

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## INTERFACE FLOWS

Interface Name	MW	MVAR	Interface Name	MW	MVAR	Interface Name	MW	MVAR
New Brunswick-New England	500	-15	Northern Maine Import	97	73	North Western Maine Export	343	-47
Maine-New Hampshire	-307	11	Northern NB-Scobie + 394	806	206	Seabrook-South	1078	112
North-South	243	9	Sandy Pond-South	1565	257	Comerford/Moore-South MW	665	-7
Comerford-South MVA	2394	373	New York-New England	-807	-78	SEMA/RI Export	1482	37
Connecticut Import	-469	20	New England East-West	-75	-3	Central-East	1711	-86
Total East	2688	-246	CONVEX-REMVEC	-26	-14	SW-Conn Import	1534	289
Norwalk-Stamford	189	-12	Boston Import	2411	183	NEMA-Boston Import	3215	173
PV20 Import	119	11	HQ Phase II DC Import	2000	343	Highgate DC Import	151	-12
Chateaugay DC Import	-366	269	Madawaska DC Import	0	0	Bel River DC Import	-0	62
Orrington-South	724	-3	Surowiec-South	214	51	SEMA Export	1043	-60
ME-NH Y138	-355	11	SUROWIEC-SOUTH_Y138	18	4	Northern Maine Import Y138	0	0
Saco Vly - White Lake Y138	-48	-1						

## Bus Voltages

#	Bus Name	V	#	Bus Name	V	#	Bus Name	V
70001	CHESTER	357	70002	ORRINGTN	360	70003	MAXCYS	358
70086	ME YANK	357	70091	MASON	358	70087	SUROWIEC	356
70090	BUXTON	355	70089	S. GORHAM	355	70088	WYMAN	355
72691	DRFLD345	354	72692	NWGIN345	357	72699	GOSLING1	357
72705	GOSLING2	357	72693	SCOB 345	352	72694	SEBRK345	357
71789	TEWKS	358	71786	SANDY PD	358	70783	PILGRIM	358
72926	NRTHFLD	359	70027	ORRINGTN	121	70028	GRAHAM	121
70022	HARDNGTN	117	70023	WASH. CTY	116	70029	PWRSVLLE	120
70033	BOGGYBRK	118	70038	KEENE RD	119	90199	TRENTON	117
70210	BUCKSPOR	120	70191	MAXCYS0	120	70192	MASON5	120
70125	SUROWIEC	119	70165	S. GORHAM	120	70101	RUMFRDGN	120
70103	KIMBL RD	117	70104	LEW LWR	118	70108	DETROIT	118
70109	BELFAST	119	70110	HIGHLAND	117	70111	HARRIS	121
70113	WYMAN	118	70114	WINSLOW	119	70117	LIVERMOR	119
70118	GULF ISL	119	70119	BRNS CRG	118	70124	FORE RIV	118
70128	YARMOUTH	119	70129	LOUDEN	119	70130	Q HILL	119
70133	MOSHERS	119	70135	PRIDESCR	118	70136	CROWLEYS	119
70138	NORT AUG	118	70139	SEWALL	118	70140	CAPE	118
70141	P HILL	118	70142	RICKRIPS	118	70144	BOLT HL	119
70146	PARK ST.	116	70147	LAKWOOD	116	70148	BATH	117
70149	MEADOWRD	117	70151	HINKL PD	118	70156	BIDD I P	119
70159	PUDDLK	117	70160	W. BUXTON	119	70161	NEWCASTL	118
70162	SANFORD	120	70163	MAG ROAD	120	70167	HOTEL RD	117
70168	WOODSTK	118	70170	BOWMAN	118	70173	SDW SOMS	115
70174	TOPS81TP	118	70175	TOPS69TP	117	70180	LOVELL	116
70182	RUMFD IP	120	70183	JAY IP	119	70184	AEC 115	120
70185	WBK 115	119	70186	RPA 115	120	70211	MEADPAPR	120
72718	DEBRFELD	120	72793	GOSLING	119	72754	3 RIVERS	120
70144	BOLT HL	119	72745	SCHILLER	119	72732	MADBURY	120
72746	SCOBIE2	121	72716	CHESTER	119			