

**CENTRAL MAINE POWER COMPANY
RESPONSE TO ORAL DATA REQUEST NO. 1
DOCKET No. 2008-255**

November 7, 2008

ODR-01-85

Q. Provide load power factors for all buses in the Lewiston Auburn area. Down to 12kV busses and identify capacitor banks. Include all real, reactive and capacitor loads for the Lewiston-Auburn area.

A. The attached tables list the load values, power factors and shunt capacitors in service in the 2010 Summer peak base case for the Lewiston-Auburn Area.

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Attachment(s):

1. Table – 2010 Summer Peak Base Case

Load Values used for the 2010 summer peak load base case in the June 2007 Lewiston-Auburn Area Reliability Study.

BUS-NO	NAME	KV	ID	ST	PLOAD	QLOAD	PF
429	WALES CO	34.5	1	1	2.7	0.78	0.96
429	WALES CO	34.5	I1	1	0.4	0.6	0.55
441	HOTEL RD	34.5	1	1	9.38	3.51	0.94
441	HOTEL RD	34.5	D4	1	0	0	
441	HOTEL RD	34.5	D6	1	0	0	
441	HOTEL RD	34.5	I1	1	30.8	17.51	0.87
462	PHILIPSE	34.5	1	1	3.3	1.7	0.89
493	ANDRO LO	12.47	D6	1	0.61	0.28	0.91
494	C.426D2T	12.47	D2	1	0.43	0.2	0.91
1057	DEER RP1	12.47	1	1	13.79	5.85	0.92
1057	DEER RP1	12.47	I1	1	0.6	0.4	0.83
1058	DEER RP2	12.47	1	1	9.59	1.65	0.99
1058	DEER RP2	12.47	I1	1	0	0	
1060	GR FALL3	12.47	1	1	10.92	2.72	0.97
1061	GR FALL4	12.47	D1	1	6.08	3.92	0.84
1063	WALES CO	12.47	1	1	0.64	0.01	1.00
1064	SABATTUS	12.47	1	1	9.66	4.23	0.92
1065	LEWIS. 4	12.47	1	1	9.79	5.87	0.86
1066	LEWIS. 6	12.47	1	1	7.36	3.09	0.92
1066	LEWIS. 6	12.47	D2	1	0	0	
1066	LEWIS. 6	12.47	D3	1	0	0	
1066	LEWIS. 6	12.47	I1	1	1.7	1	0.86
1068	CHALL DR	12.47	1	1	4.75	1.88	0.93
1070	LEW.LOW5	12.47	1	1	11.93	4.08	0.95
1070	LEW.LOW5	12.47	D4	1	0	0	
1070	LEW.LOW5	12.47	D5	1	0	0	
1070	LEW.LOW5	12.47	I1	1	1	0.6	0.86
1070	LEW.LOW5	12.47	I2	1	0.6	0.4	0.83
1071	LEW.LOW6	12.47	1	1	3.26	1.56	0.90
1071	LEW.LOW6	12.47	D2	1	0	0	
1071	LEW.LOW6	12.47	D6	1	0	0	
1071	LEW.LOW6	12.47	I1	1	0.8	0.6	0.80
1074	PIONEERP	12.47	1	1	3.3	0.6	0.98
1075	HOTEL RD	12.47	1	1	14.11	4.46	0.95
1075	HOTEL RD	12.47	I1	1	0.3	0.6	0.45
1079	LISBON	12.47	1	1	2.77	1.1	0.93
1079	LISBON	12.47	I1	1	3.8	1.3	0.95
1103	DAYS COR	12.47	1	1	5.68	2.33	0.93
1158	BARKER U	12.47	D6	1	1.07	0.47	0.92
1159	BARKER L	12.47	1	1	3.25	1.56	0.90
1159	BARKER L	12.47	D6	1	0	0	
1162	CROWLEYS	12.47	1	1	11.82	7.02	0.86
1162	CROWLEYS	12.47	I1	1	0.6	0.4	0.83
1162	CROWLEYS	12.47	I2	1	0.4	0.3	0.80
1162	CROWLEYS	12.47	I3	1	0	0	
1172	CONTINEN	0.6	D2	1	0.61	0.28	0.91
1174	HILL MIL	0.6	D2	1	1.96	0.91	0.91
1175	LEW CITY	12.47	D2	1	0.75	0.41	0.88
1179	BATES U2	0.6	I3	1	0.56	0.29	0.89
1182	TURNER	12.47	1	1	8.76	4.75	0.88
1182	TURNER	12.47	I1	1	2.6	1.9	0.81

Shunt Capacitors used in the Lewiston Lower Area for the 2010 Summer Peak Load in the June 2007 Lewiston-
 Auburn Area reliability Study

FROM	FNAME	FKV	ID	ST	B-PU
75	CROWLEYS	115	b1	1	0.5
429	WALES CO	34.5	cc	1	0.003
429	WALES CO	34.5	d2	1	0.006
441	HOTEL RD	34.5	b	1	0.108
441	HOTEL RD	34.5	d6	1	0.037
460	CROWLEYS	34.5	b	1	0.108
1057	DEER RP1	12.5	cc	1	0.0015
1057	DEER RP1	12.5	d3	1	0.009
1057	DEER RP1	12.5	d4	1	0.0165
1057	DEER RP1	12.5	s3	1	0.006
1058	DEER RP2	12.5	d1	1	0.009
1058	DEER RP2	12.5	d2	1	0.0135
1060	GR FALL3	12.5	cc	1	0.0015
1060	GR FALL3	12.5	d3	1	0.006
1060	GR FALL3	12.5	d7	1	0.006
1061	GR FALL4	12.5	cc	1	0.0015
1061	GR FALL4	12.5	d1	1	0.015
1064	SABATTUS	12.5	cc	1	0.0015
1064	SABATTUS	12.5	d1	1	0.009
1064	SABATTUS	12.5	d2	1	0.0075
1064	SABATTUS	12.5	s2	1	0.006
1065	LEWIS. 4	12.5	d8	1	0.009
1065	LEWIS. 4	12.5	s8	1	0.006
1066	LEWIS. 6	12.5	d2	1	0.003
1066	LEWIS. 6	12.5	d3	1	0.006
1066	LEWIS. 6	12.5	s2	1	0.009
1066	LEWIS. 6	12.5	s3	1	0.009
1070	LEW.LOW5	12.5	cc	1	0.0015
1070	LEW.LOW5	12.5	d4	1	0.015
1071	LEW.LOW6	12.5	cc	1	0.0015
1071	LEW.LOW6	12.5	d2	1	0.003
1071	LEW.LOW6	12.5	d6	1	0.009
1071	LEW.LOW6	12.5	s2	1	0.006
1075	HOTEL RD	12.5	cc	1	0.0015
1075	HOTEL RD	12.5	d1	1	0.009
1075	HOTEL RD	12.5	s2	1	0.006
1103	DAYS COR	12.5	d1	1	0.006
1158	BARKER U	12.5	b	1	0.006
1162	CROWLEYS	12.5	cc	1	0.0015
1162	CROWLEYS	12.5	d1	1	0.009
1162	CROWLEYS	12.5	d2	1	0.009
1162	CROWLEYS	12.5	s1	1	0.009
1182	TURNER	12.5	cc	1	0.0015
1182	TURNER	12.5	d1	1	0.03