

**CENTRAL MAINE POWER COMPANY
RESPONSE TO ORAL DATA REQUEST NO. 3
DOCKET No. 2008-255**

December 11, 2008

ODR-03-27

- Q.** For the past ten years, provide the system contribution to SAIFI and CAIDI by three categories of voltage: 115kV and above, 34.5 kV, and everything below 34.5kV. (Or by two voltage categories: 115, kV and above, and everything below 115kV.) Also provide the cause code for any outage in that time period.
- A.** CMP calculates CAIDI and SAIFI metrics at the distribution level and cannot readily determine the portion of these metrics attributable to transmission outages. However, in order to be responsive to this request, CMP is providing outage data for its transmission system. In addition, outages by cause code (one cause code being transmission outages) for 1995 through 2000 are provided in Attachment #2 and outages by cause code for 2001 through 2007 are included as Attachment #3

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Attachments:

1. Transmission outage data
2. Outage by cause code for 1995 through 2000
3. Outage by cause code for 2001 through 2007

Transmission Outage Data

Section Number	Start Date Time	Stop Date Time	Duration Days	Duration Hours	Duration Minutes	Event Description	Load Loss	Customers	Event	Major Cause	Voltage
	8/24/2008 15:02	8/24/2008 21:38	0	6	36	Puddledock Bus outage	18	3539	, EQUIPMENT , FORCED OUTAGE BUS OUTAGE	, EQUIPMENT FAILURE	
	7/23/2006 21:39	7/23/2006 23:21	0	1	42	Animal contact blew up 631D2 recloser and blew T1 fuses.	6	1613	, FORCED OUTAGE SHORT CIRCUIT	Animal contact blew up 631D2 recloser and blew T1 fuses.	34.5
	12/21/2007 14:14	12/21/2007 15:21	0	1	7		1	8	, SHORT CIRCUIT FORCED OUTAGE SHORT CIRCUIT	DISTR-FAULT, Pole top fire Moose Hill Rd Pole #6	34.5
1	8/5/2005 16:00	8/5/2005 16:00	0	0	0		10	7640	LINE	LIGHTNING	34.5
1	5/18/2006 16:10	5/18/2006 16:10	0	0	0		7.5	4233	, LINE , EQUIPMENT FORCED OUTAGE , SHORT CIRCUIT	WEATHER	34.5
1	7/11/2006 14:43	7/11/2006 15:32	0	0	49	lightning struck poles 632, 634 and 636, wires on ground.	9.5	7326	, LINE , FORCED OUTAGE	WEATHER	34.5
1	8/21/2006 10:38	8/21/2006 10:38	0	0	0		9.4	8326	, LINE , EQUIPMENT FORCED OUTAGE , AUTOMATIC , SHORT CIRCUIT	UNKNOWN	34.5
1	8/21/2006 14:20	8/21/2006 14:54	0	0	34		3.0	3773	LINE , FORCED OUTAGE , SHORT CIRCUIT	EQUIPMENT FAILURE	34.5
1	8/21/2006 14:20	8/21/2006 15:35	0	1	15		6.4	4553	, LINE , EQUIPMENT FORCED OUTAGE	EQUIPMENT FAILURE	34.5
1	10/31/2006 11:24	10/31/2006 11:24	0	0	0	Sqirt on K38-12 caused a instantaneous Bus outage at Augusta East Side and K1-1 AT Winslow to open and reclose		7326	, AUTOMATIC , AUTOMATIC , FORCED OUTAGE	ANIMALS	34.5
10	9/5/2005 18:55	9/6/2005 5:06	0	10	11	Scheduled customer outage. CMP replaced brown insulators at Keyes Fibre. Keyes did work on their equipment.	0	1	, LINE , SCHEDULED OUTAGE , MANUAL , PROTECTION , MAINTENANCE	MAINTENANCE	34.5

10 + 47	5/18/2005 22:31	5/18/2005 22:32	0	0	K40-1, K74-1 opened at Winslow and K10-3 reclosed at Shawmut, no problem found.	10	1	SHORT CIRCUIT	UNKNOWN	34.5
102	3/2/2007 11:19	3/2/2007 11:39	0	20	A plow took down wires from ckt. 416D1 Gray. The wires were on the truck. The center requested we open the ckt. There is no scada at Gray so I opened K102-1 at Elm st. Once the line person isolated the problem I closed K102-1 via SCADA. k102-1 OPENED due to short ckt. Suspected to be T2 at Gray	9.1	5515	FORCED OUTAGE PROTECTION	CUSTOMER	34.5
102	6/24/2008 16:25	6/24/2008 18:53	0	2	28	8.6	5971	AUTOMATIC OVERLOAD, SHORT CIRCUIT	EQUIPMENT FAILURE	34.5
103	6/10/2005 18:06	6/10/2005 18:06	0	0			3000	AUTOMATIC LINE, FORCED OUTAGE	LIGHTNING	34.5
104	7/27/2005 16:27	7/27/2005 16:27	0	0		11.1	3787	AUTOMATIC	WEATHER VANDALS	34.5
104	8/20/2006 14:36	8/21/2006 0:15	0	9	39	12	3787	LINE, AUTOMATIC SHORT CIRCUIT	EQUIPMENT FAILURE	34.5
11	2/16/2005 0:07	2/16/2005 0:07	0	0		9.0	4748	LINE, TERMINAL, FORCED OUTAGE, AUTOMATIC	EQUIPMENT FAILURE	34.5
11	4/23/2005 12:19	4/23/2005 12:20	0	0	1		4700	EQUIPMENT, FORCED OUTAGE, SHORT CIRCUIT	Broken 34 Kv bus insulator and heavy rain.	34.5
11	6/22/2007 14:17	6/22/2007 14:17	0	0		12.8	4981	AUTOMATIC	WEATHER	34.5

111	9/29/2006 14:54	9/29/2006 14:54:0	0	0	Quaker Hill K111-1 opened, Sanford 115 K111-4 opened and reclosed. Closed k111-1 via SCADA at 1505		3363	, LINE , EQUIPMENT , AUTOMATIC , PROTECTION	WEATHER	34.5
111	4/5/2007 4:52	4/5/2007 4:52:0	0	0	Heavy wet snowstorm in the area	4	3379	, LINE , SCHEDULED OUTAGE , SHORT CIRCUIT	WEATHER, SNOW STORM	34.5
111	4/5/2007 8:49	4/5/2007 8:49:0	0	0	Heavy wet snowstorm in the area	4	3379	, LINE , SCHEDULED OUTAGE , SHORT CIRCUIT	WEATHER, SNOW STORM	34.5
112	12/1/2006 20:39	12/1/2006 20:39:0	0	0		4.0	3878	, LINE , FORCED OUTAGE , AUTOMATIC , SHORT CIRCUIT	WEATHER	34.5
112	7/18/2008 17:54	7/18/2008 17:54:0	0	0	Section 112 Reclosed 1 Time	4.5	6614	, AUTOMATIC	WEATHER	34.5
113	5/23/2005 20:49	5/23/2005 0:46:0	3	57	Section 113, Sanford I.P. out of service due to blown LA on #1 Bank	5.6	1196	, LINE , TERMINAL , EQUIPMENT , FORCED OUTAGE	WEATHER , EQUIPMENT FAILURE	34.5
113	7/27/2008 18:08	7/27/2008 18:15:0	0	7	Section 113 , k113-6 to K113-1 Opened due to storm. Closed Branch Brook K113-6 VIA SCADA. Closed K113-1 locally due to a scada outage. Reset the scada.	4.1	1271	, AUTOMATIC , AUTOMATIC , SHORT CIRCUIT	WEATHER	34.5
118	4/5/2005 6:47	4/5/2005 6:47:0	0	0	Car/Pole Accident	6.0	7782	, MANUAL , PROTECTION -	Car/Pole Accident	34.5
118	4/5/2005 7:10	4/5/2005 7:39:0	0	29	ACCIDENT - LINE DOWN Heavy lightning storm moved through the area.	6.0	7782	Car/Pole Accident	ACCIDENT - LINE DOWN	34.5
118	8/1/2005 22:04	8/1/2005 22:04:0	0	0	Distribution line problems on 602D1 circuit took out sect 118.	11	7782	, LINE , FORCED OUTAGE	WEATHER	34.5
118	7/17/2006 13:09	7/17/2006 15:03:0	1	54			4171	, FORCED OUTAGE , SHORT CIRCUIT , OTHER	Distribution line problems on 602D1 out of Bassett	34.5

118	7/17/2006 13:09	7/17/2006 15:37:0	2	28	Distribution line problems on 602D1 circuit took out sect 118.	4003	, FORCED OUTAGE , SHORT CIRCUIT , OTHER	Distribution line problems on 602D1 out of Bassett	34.5	
118	4/5/2007 2:26	4/5/2007 2:26 0	0	0	Heavy wet snowstorm in the area	2	6700	, LINE , SCHEDULED OUTAGE , SHORT CIRCUIT	, WEATHER, SNOW STORM	34.5
118	7/19/2008 16:24	7/19/2008 16:24:0	0	0	Section 118 Reclosed 1 time	7.4	7806	, AUTOMATIC	, WEATHER	34.5
118	8/3/2008 14:27	8/3/2008 14:27:0	0	0	K118-1 opened and reclosed one time due to thunder showers in the area.	8	7806	, AUTOMATIC , LINE , FORCED OUTAGE ,	, WEATHER	34.5
118	8/16/2008 16:30	8/16/2008 16:30:0	0	0	Tunder storm in the area on radar.	6	7806	, AUTOMATIC , LINE , FORCED OUTAGE ,	, WEATHER , LIGHTNING	34.5
118	11/9/2008 10:55	11/9/2008 13:09:0	2	14	Tree limb brought down phase wires.	2	3476	, LINE , FORCED OUTAGE , PROTECTION	, VEGETATION , WEATHER , WIND	34.5
12	3/1/2005 16:30	3/1/2005 16:55:0	0	25	Phase wire found on Xarm on pole 139 middle phase by snowmobiler.	2	607	, EQUIPMENT , FORCED OUTAGE , OTHER	Phase wire found on Xarm.	34.5
12	7/10/2006 17:00	7/10/2006 21:04:0	4	4	Lightning and wind storm took down tree between pole 80 - 81 and broke insulators.		626	, EQUIPMENT , FORCED OUTAGE , OTHER	, WEATHER	34.5
12	11/17/2006 8:00	11/17/2006 10:40:0	2	40	Heavy rain and wind blew tree on Section 12 phase wires.	1.5	839	, LINE , AUTOMATIC , SHORT CIRCUIT	, WEATHER , WIND	34.5
13+38	3/4/2006 9:24	3/4/2006 9:24:0	0	0	K38-3 opened and closed. K13-1 opened and stayed open, had voltage on line so I closed K13-1.		6903	, FORCED OUTAGE , OTHER	, UNKNOWN	34.5
139	5/15/2005 12:48	5/15/2005 12:48 0	0	0		7.4	7512	, LINE , AUTOMATIC , SHORT CIRCUIT	, UNKNOWN	34.5
139	8/1/2005 22:08	8/1/2005 22:08:0	0	0	Heavy lightning storm moved through the area.	8	7512	, LINE , FORCED OUTAGE	, WEATHER	34.5

139	12/16/2005 6:06	12/16/2005 8:06:0	0	0	Bragdon Commons K139-7 opened and reclosed, Ogunquit K139-1 opened, did not reclose, with voltage on line, closed K139-1 via Scada.	7.0	7512	, LINE , FORCED OUTAGE	, WEATHER	34.5
139	6/1/2006 18:22	6/1/2006 0:00			Thunder storms in the area		6098	, FORCED OUTAGE , SHORT CIRCUIT , OTHER	, WEATHER	34.5
139	7/11/2006 13:52	7/11/2006 13:52:0	0	0	Lightning storm in the area.	5	6098	, LINE , FORCED OUTAGE	, WEATHER	34.5
139	9/7/2006 12:50	9/8/2006 4:15:0	15	25	CAR/POLE ACCIDENT TOOK OUT SECTION 139 & DISTRIBUTION UNDERNEATH IT	0	2	, LINE , FORCED OUTAGE , OTHER	CAR/POLE ACCIDENT	34.5
139	9/7/2006 12:50	9/7/2006 14:30:0	1	40	Car pole axident at pole 138		6098	, LINE , AUTOMATIC	, CUSTOMER , TRANS-FAULT	34.5
139	10/21/2006 1:21	10/21/2006 2:20:0	0	59	Section 139 from Bragdon Commons to Ogunquit tripped out. Sectionalized the fault. Section 139 from Ogunquit feeds York Harbor and York Beach.	5.0	6098	, LINE , FORCED OUTAGE , SHORT CIRCUIT	, WEATHER	34.5
139	8/6/2007 15:55	8/6/2007 15:55:0	0	0		8.8	6131	, LINE , FORCED OUTAGE , AUTOMATIC	, WEATHER	34.5
139	12/21/2007 10:07	12/21/2007 10:07:0	0	0			5920	, LINE , FORCED OUTAGE , AUTOMATIC	, UNKNOWN	34.5
139	7/31/2008 19:49	7/31/2008 0:00			Large thunder storm in York County.	12	5920	, LINE , FORCED OUTAGE , AUTOMATIC	, LIGHTNING	34.5
140	8/11/2005 22:48	8/12/2005 0:41:0	1	53	Faulted LA on KT3H at Pratt Whitney cleared by S/S.	EST 15-20	3578	LINE , FORCED OUTAGE , AUTOMATIC	EQUIPMENT FAILURE	115
140	7/18/2008 15:23	7/18/2008 15:23:0	0	0	Thunder Storms in the area.	13	1	, LINE , FORCED OUTAGE , AUTOMATIC , PROTECTION	, WEATHER , LIGHTNING	115
140	7/31/2008 17:23	7/31/2008 17:23:0	0	0	Thunderstorms in the area.	Approx. 13.2	Pratt & Whitney	, LINE , FORCED OUTAGE , AUTOMATIC , PROTECTION	, WEATHER , LIGHTNING	115
145	7/11/2006 10:22	7/11/2006 10:22:0	0	0	Large lightning storm in the area.	10	1	, LINE , FORCED OUTAGE	, WEATHER	34.5

145	6/25/2007 10:35	6/25/2007 12:01:0	1	28	Section 145, K145-1 open due to vandals stealing ground wire at Perier.	11.0	1	LINE, FORCED OUTAGE, OTHER	VANDALS	34.5
147	8/8/2006 7:35	8/8/2006 9:10:0	1	35	K147-1 OPENED BY A FALSE RELAY TRIP. Closed K148-1 to restore power. Sectionalized 426D3 THIRD		1296	AUTOMATIC	UNKNOWN	
147	8/8/2006 7:35	8/8/2006 8:48:0	1	13	K147-1 OPENED BY A FALSE RELAY TRIP. Closed K148-1 to restore power. Sectionalized 426D6 SECOND		807	AUTOMATIC	UNKNOWN	
147	8/8/2006 7:35	8/8/2006 8:31:0	0	56	K147-1 OPENED BY A FALSE RELAY TRIP. Closed K148-1 to restore power. Sectionalized 426D8 FIRST		627	AUTOMATIC	UNKNOWN	34.5
147	8/8/2006 7:35	8/8/2006 9:37:0	2	2	K147-1 OPENED BY A FALSE RELAY TRIP. Closed K148-1 to restore power. Sectionalized 426D10 FORTH		85	AUTOMATIC	UNKNOWN	
147	8/8/2006 7:35	8/8/2006 9:39:0	2	4	K147-1 OPENED BY A FALSE RELAY TRIP. Closed K148-1 to restore power. Sectionalized 426D9 FIFTH		10	AUTOMATIC	EQUIPMENT FAILURE	
147	8/8/2006 7:35	8/8/2006 8:31:0	0	56	K147-1 OPENED BY A FALSE RELAY TRIP. Closed K148-1 to restore power. Sectionalized 426D3 SECOND		1296	AUTOMATIC	UNKNOWN	34.5
148	5/30/2005 12:38	5/30/2005 12:38:0	0	0		10.2	6565	LINE, FORCED OUTAGE, SHORT CIRCUIT	WEATHER	34.5

148	8/24/2006 12:31	8/24/2006 13:01:0	0	30	Sections 148 and 149 opened due to a cable fault between switches 149-3 and 149-4. fault was isolated and power restored.	12	6671	, LINE , FORCED OUTAGE , AUTOMATIC , SHORT CIRCUIT	, EQUIPMENT FAILURE	34.5
148	8/25/2006 8:37	8/25/2006 8:37:0	0	0	Sections 148 and 149 had 1 recloser operation due to interruptor failure while switching T2H at Great Falls	12	6671	, LINE , FORCED OUTAGE , AUTOMATIC , SHORT CIRCUIT	, EQUIPMENT FAILURE	34.5
148	12/5/2006 3:31	12/5/2006 4:24:0	0	53	Blown insulator on 149-1 at Deer Rips caused 149-1 and 148-3 at Great falls to lock open and K148-1at Lewiston to lock open. K148-1 was closed to energize Great falls and end the outage. 149-3 to K149-2 is still open and the broken phase of i49-1 is open.	5.2	6652	, EQUIPMENT , AUTOMATIC , SHORT CIRCUIT	, EQUIPMENT FAILURE	34.5
149	8/12/2005 20:54	8/12/2005 23:46:0	2	52	Phase wire down on Section 42 and bad trip coil on Deer Rips K42-1 preventing K42-1 from opening sent fault to Gulf Island where K45-1 and K46-1 opened to clear the fault. Great Falls was Sectionalised to get Customers back.	0	3093	, LINE , FORCED OUTAGE , AUTOMATIC	, EQUIPMENT FAILURE	34.5
15	7/22/2005 17:03	7/22/2005 17:03:0	0	0		105	319	, LINE , FORCED OUTAGE , AUTOMATIC	, WEATHER EQUIPMENT FAILURE	34.5
15	7/28/2005 12:40	7/26/2005 15:10:0	2	30		9.4	316	, LINE	, EQUIPMENT FAILURE	34.5

15	7/19/2006 23:30	7/20/2006 4:20:0	4	50	3	342	, LINE , EQUIPMENT , SCHEDULED OUTAGE , MAINTENANCE , CONSTRUCTION	MAINTENANCE	34.5	
15	11/17/2006 8:00	11/17/2006 8:00:0	0	0	4.0	340	, LINE , FORCED OUTAGE , AUTOMATIC	UNKNOWN	34.5	
15	4/5/2007 7:03	4/5/2007 7:03 0	0	0	4.5	340	Heavy wet snowstorm throughout the state	, LINE , SCHEDULED OUTAGE , SHORT CIRCUIT , AUTOMATIC	, WEATHER, SNOW STORM	34.5
15	4/5/2007 9:01	4/5/2007 9:01:0	0	0	4.5	340	Heavy wet snowstorm throughout the state	, LINE , SCHEDULED OUTAGE , SHORT CIRCUIT , AUTOMATIC	, WEATHER, SNOW STORM	34.5
15	8/25/2007 20:06	8/25/2007 20:06 0	0	0	2.7	399	k15-1 OPENED AND RECLOSED DURING A THUNDER STORM	, LINE , AUTOMATIC , SHORT CIRCUIT	, WEATHER	34.5
15	8/25/2007 23:00	8/26/2007 1:17:0	2	17	2.8	339	SECTION15 TO REPAIR SW 12-1			34.5
15	9/14/2008 22:16	9/15/2008 6:21:0	0	1	2.6	352	Opened K15-1 to safely remote energize Anson T1. Anson T1 had 3 blown high side fuses.	, LINE , FORCED OUTAGE , PROTECTION	, SWITCHING	34.5
150	6/29/2005 15:54	6/29/2005 18:54 0	3	0	6.8	5174	Blown LA at Cape Elizabeth S/S during lighting storm	, LINE , TERMINAL , FORCED OUTAGE , SHORT CIRCUIT	, WEATHER , OTHER--- CAR/POLE ACCIDENT ON CIRCUIT 613D1 OUT OF CAPE ELIZABETH	34.5
150	10/16/2006 21:28	10/16/2006 22:05:0	0	37	6	5028		, MANUAL		34.5
151	3/4/2006 18:54	3/4/2006 18:54 0	0	0	2.0	1		, LINE , FORCED OUTAGE , SHORT CIRCUIT	ANIMALS	34.5
151	7/18/2008 14:00	7/18/2008 14:00:0	0	0	4	1	Section 151 Reclosed 1 Time	, AUTOMATIC	, WEATHER	34.5
152	6/29/2005 15:36	6/29/2005 15:36 0	0	0	10	5046	Lighting storm in the area	, LINE , EQUIPMENT , FORCED OUTAGE	, WEATHER	34.5

152	7/27/2005 17:55	7/27/2005 17:57	0	2		10.7	5046	LINE , FORCED OUTAGE , MANUAL SHORT CIRCUIT	WEATHER	34.5
152	11/15/2005 17:19	11/15/2005 17:23	0	4		10	5046	LINE , FORCED OUTAGE , OTHER	UNKNOWN	34.5
152	8/3/2008 9:28	8/3/2008 9:30	0	2	K152-1 opened one time to lock out during a thunder storm. I closed back in with SCADA.	7.5	5320	AUTOMATIC	WEATHER	34.5
157	3/9/2007 11:54	3/9/2007 15:47	3	53	Blown LA on #4 Bank at West Buxton Hydro tripped Sections 157 and 183. FPL owned equipment. Switched out due to storms in area and LA failure at Old Orchard Beach	2	1	LINE , FORCED OUTAGE , AUTOMATIC , SHORT CIRCUIT	EQUIPMENT FAILURE	34.5
159	7/14/2005 16:39	7/14/2005 17:48	1	9		7.3	1197	LINE , FORCED OUTAGE , MANUAL	WEATHER , EQUIPMENT FAILURE	34.5
16 & 25	8/4/2005 23:31	8/4/2005 23:31	0	0	Both ends reclosed, lightning on radar in the area.	9.0	9302	LINE , FORCED OUTAGE , AUTOMATIC	WEATHER	34.5
160	8/6/2007 15:16	8/6/2007 15:19	0	3		9.3	6116	LINE	LIGHTNING	115
160	8/18/2008 16:55	8/16/2008 16:58	0	3	Section 160 tripped between Pleasant Hill and Cape Station. Had to be closed back in by SCADA.	9.2	6546	LINE , FORCED OUTAGE , AUTOMATIC , PROTECTION	WEATHER , LIGHTNING	115
163	7/31/2008 16:51	7/31/2008 17:28	0	37	Thunderstorms in the area. Lightning in area - sec 167 tripped, reclosed, and opened again. Attempted to close from Surowlec & reopened. Sectionalized via Prides Corner sw 167-3 and picked up 12kv customers at Prides Corner.	3.3	KL&P	LINE , FORCED OUTAGE , AUTOMATIC , PROTECTION	WEATHER , LIGHTNING	115
167	7/27/2005 16:32	7/27/2005 17:08	0	36		10	4749	LINE , FORCED OUTAGE , SHORT CIRCUIT , PROTECTION	WEATHER , LIGHTNING	115

17	6/24/2005 7:55	6/24/2005 9:03 0	1	8		6.9	5394	, LINE , FORCED OUTAGE , SHORT CIRCUIT , PROTECTION	, UNKNOWN	34.5
					Section 170 trip open due to broken line side insulator at Hiram K170-1. Isolated sect, 170 open switch 170-2 to close K170-6 at Bonney Eagle. Breaker would not close. Blown spring charger motor. Refused controls closed K170-6 in at					
170	6/4/2005 16:58	6/4/2005 19:28 0	2	30		4078	6.5	, LINE , TERMINAL , FORCED OUTAGE , SHORT CIRCUIT	, EQUIPMENT FAILURE	34.5
					Very strong winds after front came through.	2.2	2281	, LINE , FORCED OUTAGE , AUTOMATIC , SHORT CIRCUIT	, WEATHER , WIND	34.5
170	2/17/2006 14:45	2/17/2006 15:45 0	1	0				, LINE , FORCED OUTAGE , AUTOMATIC , SHORT CIRCUIT	, WEATHER , WIND	34.5
					Very strong winds after front came through. After repairing line between 170-3 and 170-4, line was energized but more problems existed which were not found earlier.	1.3	1797			
170	2/17/2006 21:47	2/17/2006 22:07 0	0	20		2	2281	, LINE , FORCED OUTAGE , AUTOMATIC	, WEATHER	34.5
170	7/28/2006 17:21	7/28/2006 18:00 0	0	39		6.0	4178	, LINE , FORCED OUTAGE , MANUAL OVERLOAD	, OVERLOAD , WEATHER	34.5
					Lost of Hiram unit #2 caused overload and trip on Section 57 feeding section 170 via section 91.	10	5988	, LINE , FORCED OUTAGE , MANUAL OVERLOAD	, EQUIPMENT FAILURE	34.5
170	2/6/2007 17:26	2/6/2007 17:34 0	0	8				, LINE , FORCED OUTAGE , MANUAL OVERLOAD	, EQUIPMENT FAILURE	34.5
					Lost of Hiram unit #2 caused overload and trip on Section 57 feeding section 170 via section 91.	10	4178			
170	2/6/2007 17:26	2/6/2007 17:31 0	0	5				, LINE , FORCED OUTAGE , MANUAL OVERLOAD	, EQUIPMENT FAILURE	34.5
					Conductor burned down. Floating phase wires. Poles 9,11,12,13,14		6875	, AUTOMATIC , SHORT CIRCUIT , LINE	, EQUIPMENT FAILURE	34.5

170	4/9/2007 13:13	4/9/2007 14:24 0	0	37	Conductor burned down. Floating phase wires. Poles 9,11,12,13,14	1888	, AUTOMATIC , SHORT CIRCUIT , LINE	, EQUIPMENT FAILURE	34.5
170	4/9/2007 13:13	4/9/2007 13:50 0	0	37	Conductor burned down. Floating phase wires. Poles 9,11,12,13,14	2639	, AUTOMATIC , SHORT CIRCUIT , LINE	, EQUIPMENT FAILURE	34.5
170	4/9/2007 13:13	4/9/2007 15:11 0	1	58	Conductor burned down. Floating phase wires. Poles 9,11,12,13,14	2348	, AUTOMATIC , SHORT CIRCUIT , LINE	, EQUIPMENT FAILURE	34.5
170	2/27/2008 0:24	2/27/2008 2:16 0	1	52	Section 170 from Bonny Eagle K170-8 to Hiram K170-1 tripped open due to winter storm trouble. Sectionalize 170 and close in 170-3 at Hiram at 2:16 to pick up Baldwin load.	3.0 1887	, LINE , FORCED OUTAGE , SHORT CIRCUIT	, WEATHER	34.5
170	2/27/2008 0:24	2/27/2008 3:28 0	3	4	Section 170 from Bonny Eagle K170-8 to Hiram K170-1 tripped open due to winter storm trouble. Sectionalize 170 and close in 170-8 at Bonny Eagle at 03:28 to pick up North Limington load.	4.0 2375	, LINE , FORCED OUTAGE , SHORT CIRCUIT	, WEATHER	34.5
170	2/27/2008 0:24	2/27/2008 1:33 0	1	9	Section 170 from Bonny Eagle K170-8 to Hiram K170-1 tripped open due to winter storm trouble. Sectionalize 170 and close in K170-1 at Hiram at 1:33 to pick up Hiram Tap load.	4.1 2714	, LINE , FORCED OUTAGE , SHORT CIRCUIT	, WEATHER	34.5

170	2/27/2008 12:50	2/27/2008 12:56	0	6	After repair on structure 168 closed Sw 170-6 to energize line. K170-8 at Bonny Eagle opened. Section 170 had other bad insulators	2375	, EQUIPMENT , SHORT CIRCUIT	, WEATHER	34.5	
170	2/28/2008 13:44	2/28/2008 13:47	0	3	Bonny Eagle K170-8 opened when Closing Switch 170-6, Line department cleared from line repair	2.4	2375	, SHORT CIRCUIT , FORCED OUTAGE , LINE , SCHEDULED OUTAGE , SHORT CIRCUIT	, EQUIPMENT FAILURE	34.5
171	4/5/2007 3:38	4/5/2007 3:38	0	0	Heavy wet snowstorm in the area	16	5270	, LINE , SCHEDULED OUTAGE , SHORT CIRCUIT	, WEATHER, SNOW STORM	34.5
171	5/25/2007 5:45	5/25/2007 5:45	0	0	Squirrel on 12KV Bus at Kennebunk S/S, high side fuses did not blow.	18	5270	, LINE , FORCED OUTAGE , OTHER	, ANIMALS	34.5
171	7/27/2008 20:54	7/27/2008 20:54	0	0	Branch Brook , K171-8 opened and reclosed. Biddeford IP opened. I reclosed with scada at 2057. Thunder storms in the area.	20.5	5319	, AUTOMATIC	, WEATHER	34.5
172	4/20/2005 22:39	4/20/2005 22:39	0	0	Lightning in the area - Blown LA & disconnect at Bar Mills on VT1		2885	, AUTOMATIC	, EQUIPMENT FAILURE	34.5
172	5/21/2005 1:02	5/21/2005 3:23	2	21	Planned outage so FPL could replace their T1 voltage transformer and repair the VT/LA disconnects.	2.0	2885	, SCHEDULED OUTAGE , MANUAL	, MAINTENANCE , EQUIPMENT FAILURE	34.5
172	5/23/2005 23:51	5/23/2005 23:51	0	0	One reclose operation on section 172. Cause unknown at this time.	4.0	2885	, LINE , FORCED OUTAGE , AUTOMATIC	, WEATHER	34.5
172	6/29/2005 14:55	6/29/2005 14:55	0	0	Lighting/Rain/Thunder storm	3.0	2885	, LINE , EQUIPMENT , FORCED OUTAGE	, WEATHER	34.5

172	1/21/2006 17:25	1/21/2008 19:16:0	1	51	Big Pine tree came down across rt 202 and took sect 172 and a 70 pole with it. Sectionalized and feed out of West Buxton 115		2885	, FORCED OUTAGE , SHORT CIRCUIT , LINE , FORCED OUTAGE , AUTOMATIC , OVERLOAD	Big Pine tree came down across rt 202 and took sect 172 and a 70 pole with it.	34.5
172	2/17/2006 15:06	2/17/2006 15:51:0	0	45	Very strong winds after a cold front come through	2.5	2885	, LINE , FORCED OUTAGE , AUTOMATIC , OTHER	, WEATHER , WIND	34.5
172	10/29/2006 10:28	10/29/2006 10:28:0	0	0		3.6	3232		, WEATHER	34.5
172	4/5/2007 3:28	4/5/2007 4:23:0	0	55	Heavy wet snowstorm throughout the state. Phase wires down on Section 172 between Louden and Bar Mills structures 67 and 68. Sectionalized 172 and restored Bar Mills.	3.5	3240	, LINE , FORCED OUTAGE , SHORT CIRCUIT	, WEATHER, SNOW STORM	34.5
172	7/6/2007 15:38	7/6/2007 17:12:0	1	34	Section 172 from Louden to West Buxton tripped open. Fault was isolated between Louden and Bar Mills Hydro. Section 172 from West Buxton to Bar Mills energized to pick up customer load at 1712	2.5	3240	, LINE , FORCED OUTAGE , SHORT CIRCUIT	, WEATHER	34.5
172	4/12/2008 13:09	4/12/2008 13:09:0	0	0		5	3275	, LINE , AUTOMATIC	, UNKNOWN	34.5
172	7/19/2008 16:12	7/19/2008 16:12:0	0	0	Section 172 Reclosed 1 Time	4.6	3275	, AUTOMATIC	, WEATHER	34.5
175	7/18/2006 18:33	7/18/2006 18:33:0	0	0		20	10586	, LINE , EQUIPMENT , FORCED OUTAGE , SHORT CIRCUIT	, WEATHER	34.5
175	1/18/2007 5:00	1/18/2007 5:07:0	0	7		13.5	11184	, LINE , FORCED OUTAGE , OTHER	, WEATHER , OTHER	34.5

175	8/6/2007 15:01	8/6/2007 15:01	0	0		16	10607	, LINE , FORCED OUTAGE , AUTOMATIC	WEATHER	34.5
					Squirrel on distribution bypass at May Street caused Section 175 operation.					
175	9/9/2007 9:00	9/9/2007 9:00	0	0		18	10607	, LINE , AUTOMATIC SHORT CIRCUIT	EQUIPMENT FAILURE , ANIMALS	34.5
176	9/4/2005 14:18	9/4/2005 22:43	8	25		5.4	1820	, LINE , TERMINAL , FORCED OUTAGE , OTHER	EQUIPMENT FAILURE	34.5
176	6/1/2006 18:11	6/1/2006 21:07	2	56	Thunder storms in the area	3	2179	, FORCED OUTAGE SHORT CIRCUIT , OTHER	WEATHER	34.5
176	4/12/2007 14:19	4/12/2007 16:51	1	0	Snowstorm in the area with wind. Phase wire on the crossarm.	6	2182	, LINE , FORCED OUTAGE , AUTOMATIC , SHORT CIRCUIT	WEATHER , WIND	34.5
177	6/1/2006 18:10	6/1/2006 0:00			Thunder storms in the area	9	1	, FORCED OUTAGE SHORT CIRCUIT , OTHER	WEATHER	34.5
177	7/11/2006 10:16	7/11/2006 17:08	6	52	Storm with lightning blew insulators on pole #5		1	, LINE , TERMINAL , FORCED OUTAGE	WEATHER , EQUIPMENT FAILURE	34.5
177	7/15/2006 3:16	7/15/2006 9:42	6	26	One phase wire down across interstate 95	11	1	, LINE , TERMINAL , FORCED OUTAGE	EQUIPMENT FAILURE	34.5
177	10/29/2008 7:35	10/29/2008 17:19	9	44	Planned outage at Lindsey Air (BOC) for maint. At their sub-station.	11	1	, SCHEDULED OUTAGE , MANUAL PROTECTION , MAINTENANCE	MAINTENANCE	34.5
178	6/1/2006 18:10	6/1/2006 0:00			Thunder storms in the area		2393	, FORCED OUTAGE SHORT CIRCUIT , OTHER	WEATHER	34.5
18	1/14/2005 1:00	1/14/2005 3:51	2	51	One 34KV Bus insulator at Damariscotta Mills faulted. Crews replaced insulator.	5.3	7351	, LINE , FORCED OUTAGE , EQUIPMENT	EQUIPMENT FAILURE	34.5
18	8/2/2005 22:40	8/2/2005 22:41	0	1	Heavy lightning storm in the area, no recloser on K18-1, closed in via Scada. ?		7351	, LINE , FORCED OUTAGE	WEATHER	34.5

18	11/2/2005 15:00	11/2/2005 19:09:0	4	9	Wind storm caused tree to come down on line on Section 28 AT pole 3 126 between Damarascotta and Bristol.	10	7351	, LINE , FORCED OUTAGE , AUTOMATIC	, WEATHER	34.5
18	8/10/2006 19:11	8/10/2006 19:55:0	0	44	Loss of Sections 204 & 226 caused the auto switches to lockout resulting in loss of T1 at Newcastle. Low voltage at Newcastle (31.7KV). Opened K18-1 via SCADA to cure problem. K18-1 opened. Isectionalized to switch 28-1. Problem found to be wires down on section 28 see next outage report.	12	8246	, LINE , TERMINAL , FORCED OUTAGE , PROTECTION	, WEATHER , LIGHTNING	34.5
18	3/17/2007 7:57	3/17/2007 10:09:0	2	12		5.8	4285	, LINE , AUTOMATIC SHORT CIRCUIT		34.5
18	5/19/2007 2:41	5/19/2007 3:06:0	0	25		4	4285	, LINE , FORCED OUTAGE		34.5
18	10/13/2007 0:48	10/13/2007 3:28:0	2	41	opened K18-1 due to a car pole axident in Damarascotta		8252	, FORCED OUTAGE , LINE , FORCED OUTAGE , AUTOMATIC	, CUSTOMER	34.5
18	10/20/2007 1:15	10/20/2007 1:15:0	0	0	Wind and rain storm in state.	5	8252	, LINE , FORCED OUTAGE , AUTOMATIC	, WEATHER	34.5
18	10/20/2007 4:18	10/20/2007 5:05:0	0	47	Wind storm took out K18-1, sectionalized at 28-1 to pick up Damarascotta Mills. Opened K18-1 to allow line dept to close switch 28-1 at Damariscotta Mills. Branch from Osprey nest across 3 phases of Section 28	5	4285	, LINE , FORCED OUTAGE , AUTOMATIC	, WEATHER	34.5
18	10/20/2007 7:50	10/20/2007 7:55:0	0	5		4	4285	, LINE , FORCED OUTAGE , MANUAL PROTECTION , MAINTENANCE	, ANIMALS , WEATHER	34.5

18	5/20/2008 1:26	5/20/2008 2:17	0	51	Car pole accident on Dam. Mills circuit 219D1, line dept. 40 minutes away	6	8160	, LINE , FORCED OUTAGE , MANUAL PROTECTION	, CUSTOMER	34.5
180	6/10/2005 18:01	6/10/2005 18:01	0	0			16,300	, AUTOMATIC	, LIGHTNING	34.5
180	1/12/2006 0:13	1/12/2006 0:13	0	0	Sect 180 opened at both ends then reclosed. January lightning storm.	12	10800	, AUTOMATIC , OTHER	, WEATHER	34.5
180	7/8/2006 18:07	7/8/2006 18:07	0	0		15.4	8081	, LINE , FORCED OUTAGE , SHORT CIRCUIT	, WEATHER	34.5
180	7/11/2006 10:38	7/11/2006 11:34	0	56	Lightning storm caused wire to fall down between K180-1 and 180-7, Falmouth 180-5 was open from the day before due to overload on Sect. 180 at prides Corner.	15	8081	, LINE , FORCED OUTAGE	, WEATHER	34.5
180	8/3/2008 8:27	8/3/2008 8:27	0	0	Bump on section 180 , K180-1 at Prides corner to K180-8 at Elm st.		11308	, AUTOMATIC	, WEATHER	34.5
182	9/7/2007 10:35	9/7/2007 14:36	4	1	Section 182, from West Buxton 115 K182-1 to Buxton 345 Tap tripped open. K182-2 at Spring St O.O.S. for maintance. Section 182 feed Buxton 345 for station service. Crew will be testing for potecial cable fault	1.0	1	, LINE , FORCED OUTAGE , SHORT CIRCUIT	, EQUIPMENT FAILURE	34.5
183	2/24/2006 13:10	2/24/2006 18:15	5	5	Replaced broken insulators on Pole #14.	0	1	, SCHEDULED OUTAGE , EQUIPMENT	, EQUIPMENT FAILURE	34.5
184	5/22/2006 8:20	5/22/2006 8:20	0	0	Section 184 had 1 recloser operation while KC1 at Moshers was being closed. LA near Section 184 metering failed.	44	1	, EQUIPMENT , AUTOMATIC , SHORT CIRCUIT	, EQUIPMENT FAILURE	34.5

185	6/1/2005 14:05	6/1/2005 15:01:0	0	56		7.0	4882	, LINE , EQUIPMENT , FORCED OUTAGE , MAINTENANCE	, EQUIPMENT , FAILURE	34.5
187	6/1/2006 14:10	6/1/2006 14:10:0	0	0	Lightning storm in the area.	5.8	4733	, FORCED OUTAGE , AUTOMATIC , , SHORT CIRCUIT , , PROTECTION	, LIGHTNING , , WEATHER	34.5
187	7/23/2006 7:22	7/23/2006 8:06:0	0	44	replaced 3 insulators and one cross arm on both pole # 230 and # 245 from storm damage.	3	4733	, LINE , FORCED , OUTAGE , , AUTOMATIC	, WEATHER	34.5
187	9/3/2006 19:25	9/3/2006 20:10:0	0	45	Bonny Eagle K187-1 operated 2 times and North Gorham opened and stayed open. Fault between 187-5 & 187-6.	5.2	4733	, AUTOMATIC , , FORCED OUTAGE , , OTHER		34.5
187	9/4/2006 1:55	9/4/2006 3:03:0	1	8	K187-8 at North Gorham opened. We had Fort Hill Station checked and sect 187 tested and closed K187-8 and it held.	2	2849	, OTHER		34.5
187	1/15/2007 20:31	1/15/2007 21:00:0	0	29	Section 187 tripped open at North Garoham Hydro end only at 19:06. Circuit was at half power. Switches were open to sectionalize the fault.	3.1	1913	, LINE , FORCED , OUTAGE	, SWITCHING , , EQUIPMENT , FAILURE	34.5

187	1/15/2008 19:59	1/15/2008 20:08:0	0	9	Section 187 opened at North Gorham end only. Had phase wire down. This circuit had half power since 19:06. Switch 187-5 at Shaw Mills switch 187-5 was opened to sectionalize the fault.	5.1	2715	, LINE , FORCED OUTAGE	, SWITCHING , EQUIPMENT FAILURE	34.5
187	7/18/2008 13:15	7/18/2008 17:41:0	4	26	Storm: Down Lines And Wires	6.8	5256	, FORCED OUTAGE	WEATHER	34.5
187	10/25/2008 22:15	10/26/2008 1:30:0	9	33	Tree came down on line during wind storm Broke cross arm. Load was tied to other stations. Distrabution opened 2215 On the 25th and ties to other ckts by 0130 on the 26 th	2	2715	, AUTOMATIC , OVERLOAD	WIND	34.5
188	6/10/2005 18:27	6/10/2005 18:27:0	0	0			8000	, AUTOMATIC	LIGHTNING	34.5
188	6/29/2005 15:12	6/29/2005 15:12:0	0	0	Lighting strom in the area	13.5	7934	, LINE , EQUIPMENT , FORCED OUTAGE , SHORT CIRCUIT	WEATHER	34.5
188	10/12/2006 5:00	10/12/2006 5:00:0	0	0	Bishop St T-2 LA Blew	7.0	8273	, LINE , FORCED OUTAGE , AUTOMATIC , SHORT CIRCUIT	EQUIPMENT FAILURE	34.5
188	4/5/2007 5:47	4/7/2007 12:14:2	6	27	Tree on wires between poles 21 and 22 on Section 188 between Spring Street and Blue Rock.	19	8289	, LINE , SCHEDULED OUTAGE , SHORT CIRCUIT , AUTOMATIC	, WEATHER, SNOW STORM	34.5
188	4/5/2007 5:47	4/5/2007 7:29:0	2	19	Heavy wet snowstorm in the area Section 188 was opened to isolate tree on wires between poles 21 and 22 on Section 188 between Spring Street and Blue Rock.	19	8289	, LINE , SCHEDULED OUTAGE , SHORT CIRCUIT	, WEATHER, SNOW STORM	34.5

188	8/6/2007 11:42	8/6/2007 11:42	0	0		20	8269	, LINE , FORCED OUTAGE , AUTOMATIC , OTHER	, WEATHER	34.5
188	9/8/2007 7:52	9/8/2007 7:52	0	0	One recloser operation on Section 188	18	8289	, LINE , FORCED OUTAGE , AUTOMATIC , SHORT CIRCUIT	, EQUIPMENT FAILURE	34.5
188	7/18/2008 13:35	7/18/2008 13:35	0	0	Section 188 ,1 Reclose operation	8	12928	, AUTOMATIC	, WEATHER	34.5
189	6/10/2005 16:28	6/10/2005 16:31	0	3	115KV section 208 and 209 open causing KT1L at Raymond 115kv to open on reverse power. This cause low voltage at North Gorham on section 189. A.D. open K189-1., causing the outage.	18	13379	, LINE , EQUIPMENT , FORCED OUTAGE , MANUAL	, WEATHER	34.5
189	8/16/2005 23:28	8/16/2005 23:28	0	0	Section 189 reclosed at Raymond 115KV. At North Gorham K189- 1 did not reclose. Also lost scada at North Gorham	11.0	7710	, LINE , FORCED OUTAGE , AUTOMATIC	, UNKNOWN	34.5
189	9/27/2007 12:40	9/27/2007 12:40	0	0		14.0	8112	, LINE , FORCED OUTAGE , AUTOMATIC	, WEATHER	34.5
189	8/16/2008 15:15	8/16/2008 15:15	0	0	Thunder storms on radar in the area. Portland Pipeline request outage for their work	14	8190	, LINE , FORCED OUTAGE , AUTOMATIC	, LIGHTNING	34.5
189A	2/29/2008 10:22	2/29/2008 15:33	5	11		2	1	, SCHEDULED OUTAGE , MAINTENANCE	, MAINTENANCE	34.5
19	10/31/2006 11:24	10/31/2006 11:24	0	0	Sqirl on K38-12 caused an instintainous bus outage at East Side and breaker K19-51 at Bowman St. to open and reclose.		1540	, AUTOMATIC , AUTOMATIC , FORCED OUTAGE	, ANIMALS	34.5
190	6/10/2005 18:19	6/10/2005 18:19	0	0			2300	, AUTOMATIC	, LIGHTNING	34.5

190	4/16/2007 9:52	4/16/2007 9:52:0	0	0		4.9	3124	, LINE , FORCED OUTAGE , AUTOMATIC , SHORT CIRCUIT	WEATHER	34.5
190	4/16/2007 9:53	4/16/2007 9:53:0	0	0	Section 190 operated due to storm on 4/16/07	6.0	3124	, LINE , FORCED OUTAGE , SHORT CIRCUIT	WEATHER	34.5
192	7/14/2005 17:04	7/14/2005 18:23:0	1	19	Switched out due to storms in area and LA failure at Old Orchard Beach	13.5	6289	, LINE , FORCED OUTAGE , MANUAL	WEATHER , EQUIPMENT FAILURE	34.5
193	7/14/2005 16:42	7/14/2005 18:03:0	1	21	Switched out due to storms in area and LA failure at Old Orchard Beach	28.7	13121	, LINE , FORCED OUTAGE , MANUAL	WEATHER , EQUIPMENT FAILURE	34.5
193	7/16/2005 10:56	7/16/2005 11:56:0	1	0	Customer backed a front end loader into pole #261 between Saco Lowell 2 and Old Orchard Beach pushed pole + broke phase wire.		5124	, EQUIPMENT , FORCED OUTAGE , OTHER	CUSTOMER , OTHER	34.5
193	7/16/2005 10:56	7/16/2005 15:27:0	4	31	Customer backed a front end loader into pole #261 between Saco Lowell 2 and Old Orchard Beach pushed pole + broke phase wire.		8015	, EQUIPMENT , FORCED OUTAGE , OTHER	CUSTOMER , OTHER	34.5
193	5/16/2007 3:06	5/16/2007 3:06:0	0	0	Section 193 opened at both ends, K193- 2 at Saco Lowell reclosed. Had voltage line potential at Spring St K193-1, then closed K193-1 via Scada.	11	13352	, LINE , FORCED OUTAGE , AUTOMATIC	UNKNOWN	34.5
196	4/16/2007 8:26	4/16/2007 10:03:0	1	37		6.2	1	, TERMINAL , EQUIPMENT , FORCED OUTAGE	EQUIPMENT FAILURE , WIND , WEATHER	34.5
196	7/18/2008 13:42	7/18/2008 13:42:0	0	0	Section 196 Reclosed -1 Time	10	1070	, AUTOMATIC	WEATHER	34.5

199	1/14/2005 22:18	1/14/2005 23:35 0	0	17	K199-1 opened and had 1 overcurrent target. Line was patrolled and closed back in. Merc also found no problem and came back on-line with out incident.	0	1	, TERMINAL , FORCED OUTAGE , AUTOMATIC	UNKNOWN	34.5
199	3/11/2005 3:23	3/11/2005 4:30 0	1	7		12.7	1	, LINE , FORCED OUTAGE , SHORT CIRCUIT , MANUAL	UNKNOWN	34.5
199	3/11/2005 17:05	3/11/2005 17:52 0	0	47	K199-1 tripped at 1705. Everything was checked out by line dept & stations. No problems found. One phase did have over current relay target. Noted by Mark Worrell	-18	1	, AUTOMATIC , LINE , FORCED OUTAGE , SHORT CIRCUIT , MANUAL	Unknown	34.5
199	3/11/2005 22:26	3/11/2005 23:39 0	1	13		15.1	1	, LINE , FORCED OUTAGE , MANUAL SHORT CIRCUIT	UNKNOWN	34.5
199	6/7/2005 23:39	6/7/2005 23:46 0	0	7		3.3	1	, LINE , FORCED OUTAGE , MANUAL SHORT CIRCUIT	UNKNOWN	34.5
199	6/8/2005 1:48	6/8/2005 5:04 0	3	16		2.3	1	, LINE , FORCED OUTAGE , MANUAL SHORT CIRCUIT	UNKNOWN	34.5
199	8/31/2007 3:03	8/31/2007 7:45 0	4	42	Blown P.T. at the MERC plant on Section 199. All equipment was inspected, line was tested, no cause found.		1	, LINE , FORCED OUTAGE , AUTOMATIC	EQUIPMENT FAILURE	34.5
199	1/19/2008 9:38	1/19/2008 11:04 0	1	26		0	1	, LINE , FORCED OUTAGE	UNKNOWN	34.5
199	1/24/2008 8:26	1/24/2008 9:37 0	1	11			1	, AUTOMATIC	UNKNOWN	34.5
2	10/31/2006 11:24	10/31/2006 11:24 0	0	0	Sqirt on K38-12 caused breaker K2-1 at Bowman St. to open and reclose		1892	, AUTOMATIC , AUTOMATIC , FORCED OUTAGE , LINE , FORCED OUTAGE ,	ANIMALS , EQUIPMENT FAILURE ,	34.5
2	11/8/2006 20:37	11/8/2006 21:01 0	0	24	Storm damage on Section 39B	3	1892	AUTOMATIC	WEATHER	34.5

200	8/9/2005 9:37	8/9/2005 9:39:0	0	2	While doing annual carrier test on sect. 200 at Gulf Island, tester appears to have sent a transfer trip signal to Livermore Falls and AEI.	31	1	AUTOMATIC LINE , FORCED OUTAGE , AUTOMATIC , SHORT CIRCUIT	HUMAN ERROR	115
200	7/1/2006 7:18	7/1/2006 12:42:0	5	24	Crossarm failed 4 structures out of Gulf Island.	0	1	AUTOMATIC , SHORT CIRCUIT	EQUIPMENT FAILURE	115
206A	4/29/2007 20:36	4/29/2007 21:45:0	1	9	KT1/2/3H tripped,internal customer fault isolated, reclosed switch	?	1	TERMINAL , AUTOMATIC , PROTECTION	OVERLOAD , EQUIPMENT FAILURE	115
206A	4/29/2007 23:42	4/30/2007 0:14:0	0	32	KT1/2/3H tripped,internal customer fault isolated, reclosed switch	?	1	TERMINAL , AUTOMATIC , PROTECTION	OVERLOAD , EQUIPMENT FAILURE	115
207	7/28/2006 18:27	7/28/2006 18:27:0	0	0			1	AUTOMATIC	LIGHTNING , WEATHER	115
207	7/6/2007 13:03	7/6/2007 13:03:0	0	0		.3	1	LINE , AUTOMATIC PROTECTION	WEATHER	115
207	8/3/2007 22:44	8/3/2007 22:45:0	0	1	Lightning storm in the area.		1	AUTOMATIC	WEATHER	115
209	12/12/2007 12:48	12/12/2007 13:11:0	0	23	Fault on Sec 214 and 209. At the time Sec 214 was tied to 209 by temp switch 214/209 for work going on at Kimball RD . K209-2 at Kimball Rd was open.	24.1 MW	15158	LINE , FORCED OUTAGE , SHORT CIRCUIT	UNKNOWN	115

21	1/11/2005 9:45	1/11/2005 10:35:0	0	50	While doing preliminary work in preparation to remove the 34KV Metering CT the next day, a Fox Island Electric Co. employee by mistake cut a live cable from the CT secondary in the junction box.	1.5	1	, FORCED OUTAGE , MANUAL , PROTECTION	, HUMAN ERROR	34.5
21 213	5/25/2007 8:35 7/28/2006 17:25	5/25/2007 12:04:0 7/28/2006 17:38:0	1 0	17 13	Fox Is. Electric needed emergency shut off of power to Glen Cove S/S due to transmission line fire on the island.	4	1 1515	, LINE , FORCED OUTAGE , MANUAL PROTECTION , AUTOMATIC	, CUSTOMER , EQUIPMENT FAILURE , OUTSIDE CMP WEATHER	34.5 115
213	9/9/2006 17:13	9/9/2006 17:46:0	0	33	Lightning opened 213 from Bowman K213-1 to Augusta East K213-6. SD sectionalized at Puddledock 213-3 and picked up the Puddledock 115 bus and T1. See 20065978, 81 for the other two sections of Sec 213 related to this outage.	See Below	1578*	LINE , FORCED OUTAGE , AUTOMATIC , PROTECTION	WEATHER , LIGHTNING	115
213	9/9/2006 17:13	9/9/2006 22:02:0	4	16	Lightning in area. See 20065977 for initial outage. This report continues the sectionalizing of Sec 213. See also 20065981 for last section of 213 N Augusta Sw 213-5 to Aug East K213-6.	See Below	1578*	, LINE , EQUIPMENT , AUTOMATIC , PROTECTION	, WEATHER , LIGHTNING	115
218	8/3/2007 16:02	8/3/2007 17:19:0	1	17	K218-1 tripped taking off Newpage mill and Rumford Falls hydro.	30*	1	TERMINAL, FORCED OUTAGE, AUTOMATIC, PROTECTION	, WEATHER	115

22	9/7/2006 7:57	9/7/2006 18:21:0	8	24	Customer requested outage to work on equipment. We fixed a hot spot at the same time on our equipment.	0	1	, SCHEDULED OUTAGE , MAINTENANCE , LINE , FORCED OUTAGE , EQUIPMENT FAILURE	34.5
22	2/29/2008 10:48	2/29/2008 13:12:0	2	24	Blown LA on pole	11:0	1	, LINE , FORCED OUTAGE , MANUAL , SHORT CIRCUIT , LIGHTNING , WIND	34.5
222	7/10/2006 15:19	7/10/2006 15:23:0	0	4		3	827	, AUTOMATIC , PROTECTION , EQUIPMENT FAILURE	115
222	10/13/2007 13:06	10/13/2007 13:47:0	0	41	At Harris Hydro KG3 breaker failed causing the 86T device to send a trip signal to trip K222-1 at Wyman Hydro Wyman K222-1. Opened wch caused an outage to Jackman 823D2	2	823	, LINE , AUTOMATIC OTHER , WEATHER	115
222	4/23/2008 14:01	4/23/2008 18:27:0	4	26	Thunderstorm in area.	3.2	1360	, LINE , TERMINAL , FORCED OUTAGE , AUTOMATIC , PROTECTION , UNKNOWN	115
222	7/2/2008 18:04	7/2/2008 18:20:0	0	16	Section 223,224,225 tripped and Auto reclosed. Reason Unknown.	-72	500	, LINE , FORCED OUTAGE , SHORT CIRCUIT , WEATHER	115
223	1/4/2007 6:51	1/4/2007 6:51:0	0	0		4.0	3488	, LINE , EQUIPMENT AUTOMATIC , PROTECTION	115
223	5/11/2007 8:27	5/11/2007 8:27:0	0	0		4.2	3489	, LINE , AUTOMATIC FORCED OUTAGE , WEATHER	115
223	3/9/2008 4:35	3/9/2008 7:01:0	2	26		UNK	see below	, LINE , EQUIPMENT AUTOMATIC , PROTECTION	115
223, 224, 225	6/16/2008 15:15	6/16/2008 15:22:0	0	7	Thunder storm opened and closed sections 223, 224 and 225 three times.	4	3585	, LINE , AUTOMATIC FORCED OUTAGE , WEATHER	115
224	3/9/2008 4:35	3/9/2008 7:01:0	2	26		2	3488	, LINE , EQUIPMENT AUTOMATIC , PROTECTION	115
225	6/2/2007 13:48	6/2/2007 13:48:0	0	0	Lightning in area.	4.5	3488	, AUTOMATIC PROTECTION , WEATHER	115

225	3/9/2008 4:35	3/9/2008 7:01	0	2	26	2	3488	, LINE , EQUIPMENT , AUTOMATIC , PROTECTION	115	
227	12/8/2005 13:06	12/8/2005 13:42	0	0	36	0.5	1	, LINE , PROTECTION , MAINTENANCE	MAINTENANCE , HUMAN ERROR	115
228	10/18/2006 11:24	10/18/2006 11:25	0	0	1	30	1	, TERMINAL , AUTOMATIC , OTHER	UNKNOWN	115
23	6/30/2006 2:00	6/30/2006 3:01	0	1	1	2.5	6152	, LINE , SCHEDULED OUTAGE , MAINTENANCE , MANUAL	EQUIPMENT FAILURE	34.5
23	1/1/2008 19:00	1/1/2008 19:00	0	0	0	5	6193	, TERMINAL , FORCED OUTAGE , AUTOMATIC	WEATHER	34.5
24	2/17/2006 19:41	2/17/2006 22:14	0	2	33		1451	, FORCED OUTAGE , MANUAL , LINE	, WEATHER , EQUIPMENT FAILURE	34.5

24	8/13/2007 19:06	8/13/2007 19:06:0	0	0	K24-1 at Belfast 115 opened and reclosed	5757	, LINE , AUTOMATIC , LINE , TERMINAL , EQUIPMENT , SCHEDULED OUTAGE ,	WEATHER	34.5	
25	8/27/2005 1:00	8/27/2005 5:23 0	4	23		1.9	912	, MAINTENANCE , CONSTRUCTION , LINE , FORCED OUTAGE , AUTOMATIC , OTHER	MAINTENANCE , CONSTRUCTION	34.5
25 & 16	7/6/2007 13:03	7/6/2007 13:03:0	0	0		13	9363		WEATHER	34.5
25 + 16	1/12/2006 0:50	1/12/2006 0:50 0	0	0	K25-1 at Mason and K16-1 at Newcastle both opened and closed. January lightning storm in the area.	16	9300	, AUTOMATIC , OTHER	WEATHER	34.5
250	12/31/2006 11:28	12/31/2006 16:53:0	5	25	Broke guide wire came in contact with primary.	3.5	1509	, LINE , AUTOMATIC , SHORT CIRCUIT	EQUIPMENT FAILURE	115
250	7/14/2008 19:57	7/14/2008 22:10:0	2	13	Line trip ,cross arm burnt off. Customers at Branch BrookT3 cut over to Pratt Whitney T1		1110	, PROTECTION , FORCED OUTAGE , EQUIPMENT	EQUIPMENT FAILURE	115
26	6/29/2005 17:06	6/29/2005 17:06:0	0	0	Lighting storm in the area	7.0	4673	, LINE , FORCED OUTAGE , SHORT CIRCUIT	WEATHER	34.5
26	8/5/2005 16:51	8/5/2005 16:51:0	0	0		6.3	4673	, LINE , FORCED OUTAGE , SHORT CIRCUIT	LIGHTNING	34.5
26	10/30/2005 9:15	10/30/2005 10:31 0	1	16		6.6	4673	, LINE , FORCED OUTAGE , MANUAL , SHORT CIRCUIT	UNKNOWN	34.5
26	11/5/2005 0:00	11/5/2005 0:00:0			Section 26 had 1 recloser operation at Belfast 115 breaker K26-2.	5.2	4873	, LINE , AUTOMATIC , SHORT CIRCUIT	UNKNOWN	34.5
27	7/5/2005 8:09	7/5/2005 18:21:0	10	12			1	, LINE , EQUIPMENT , SCHEDULED OUTAGE , MAINTENANCE	MAINTENANCE	34.5

28	3/17/2007 7:57	3/17/2007 16:08:0	8	11	K18-1 opened . Sectionalized to sw 28-1 .Repairs were made switched line back	5	3967	, LINE , AUTOMATIC , OVERLOAD	, OVERLOAD	34.5
28	5/19/2007 2:14	5/19/2007 11:04:0	8	50	Removed Osprey nest and replaced broken insulator on Pole 59	2	3967	, LINE , FORCED OUTAGE	, ANIMALS , EQUIPMENT FAILURE	34.5
28	10/20/2007 4:18	10/20/2007 7:55:0	3	37	Remove branch from Osprey nest that had fallen across 3 phases of Section 28 during wind/rain storm.	5	3967	, LINE , FORCED OUTAGE , PROTECTION , MAINTENANCE	, ANIMALS , WEATHER	34.5
29	6/30/2005 2:43	6/30/2005 2:45:0	0	2	Lightning storm caused blown fuse on T1 at Guilford and broken 12 Kv bus insulators. Had to get Greenville Steam off in order to open K29-1 and KT2L so we could get T1H closed and remote energize with KT2L.		1860	In order to remote energize at Guilford we had to open K29-1 and KT2L at Guilford then close T1H.	Lightning storm caused broken insulators on bus 2 at Guilford	34.5
29	7/9/2005 19:11	7/9/2005 19:12:0	0	1	Lightning storm, I closed recloser after it opened.		5981	, AUTOMATIC	, LIGHTNING	34.5
29	8/1/2005 18:34	8/1/2005 18:34:0	0	0	Lightning on radar in the area.	3.5	5981	, LINE , EQUIPMENT AUTOMATIC	, WEATHER	34.5
29	4/2/2006 0:01	4/2/2006 5:23:0	5	22	Monson out to change no load tap and clearance for Guilford bus outage		2416	, SCHEDULED OUTAGE	, MAINTENANCE	34.5
29	5/13/2006 13:07	5/13/2006 17:16:0	4	9	Osprey nest fell onto switch 29-2, line dept. removed eggs and nest from switch and poles.		5981	, FORCED OUTAGE AUTOMATIC , LINE OTHER	, ANIMALS	34.5
29	8/19/2006 18:19	8/19/2006 19:05:0	0	46	Section 29 k29-1 at Gilford opened and reclosed one time. 834D2 opened and stayed open , was closed later manually.		2401	, AUTOMATIC	, WEATHER , UNKNOWN	34.5

29	4/5/2007 8:34	4/5/2007 8:34 0	0	0	Heavy wet snowstorm throughout the state 3.5	4425	, LINE , SCHEDULED OUTAGE , SHORT CIRCUIT , AUTOMATIC	, WEATHER, SNOW STORM	34.5
29	11/21/2007 22:45	11/21/2007 4:20 0	5	35	Repair 3 broken insulators on pole #84, put middle phase back up. 6	2843	, LINE , FORCED OUTAGE , AUTOMATIC	, VANDALS	34.5
29	1/6/2008 19:10	1/7/2008 0:04 0	4	54	Broken insulator on bus side disconnect of K34-1 caused fault and 34KV bus outage 8	4498	, LINE , FORCED OUTAGE , AUTOMATIC , PROTECTION , SHORT CIRCUIT	, EQUIPMENT FAILURE	34.5
30	4/20/2005 22:51	4/20/2005 23:03 0	0	12	Bus fault - close breaker with SCADA	9166	, AUTOMATIC	, EQUIPMENT FAILURE - bus support insulators	34.5
30	4/23/2005 12:19	4/23/2005 16:40 0	4	21	Replaced 2 broken 34 Kv bus insulators that faulted in heavy rain.	5667	, FORCED OUTAGE , SHORT CIRCUIT	Faulted 34 kv bus insulators at Topsham 115 in heavy rain.	34.5
31	4/20/2005 22:51	4/20/2005 23:01 0	0	10	Open due to bus fault - closed with SCADA	5667	, AUTOMATIC	, EQUIPMENT FAILURE - bus support insulators	34.5
31	4/23/2005 12:19	4/23/2005 16:40 0	4	21	Replaced 2 broken 34 Kv bus insulators that faulted in heavy rain.	6737	, FORCED OUTAGE , SHORT CIRCUIT	Faulted 34 kv bus insulators at Topsham 115 in heavy rain.	34.5
31	7/28/2006 18:16	7/28/2006 18:16 0	0	0		7004	, LINE , FORCED OUTAGE , SHORT CIRCUIT	, WEATHER	34.5
31	9/15/2007 12:30	9/15/2007 12:42 0	0	12	Car pole accident on pole #13 River Rd.. 10	7160	, LINE , FORCED OUTAGE , AUTOMATIC	, CUSTOMER , DISTR-FAULT	34.5
31	11/17/2007 8:11	11/17/2007 11:56 0	3	45		7000	, SHORT CIRCUIT - Phase Down	Hot line clamp failed (burnt)	34.5
32	1/21/2008 14:25	1/21/2008 15:35 0	1	10	Broken insulator on Section 54 pole 369. Closed the normally open 32-7 to pick up customers. Section 54 to be repaired. 6	3157	, LINE , FORCED OUTAGE , AUTOMATIC	, WEATHER	34.5

32	1/21/2006 16:33	1/21/2006 16:53:0	0	20	While 32-7 was closed Bigelow 882D1 opened after tree blew down on line.	5	3157	, LINE	, WEATHER	34.5
32	6/19/2006 16:42	6/19/2006 22:44:0	6	2	K32-1 at rangeley opened during a thunder storm, problem was found to be a blown Pt at Saddleback	.06	89	, LINE , EQUIPMENT , AUTOMATIC , SHORT CIRCUIT	, WEATHER	34.5
32	10/21/2006 5:57	10/21/2006 6:03:0	0	6	Wind storm, tree down between 54-2 and K54-3, Bragg and crew repaired.	2	3423	Wind storm, tree down between 54-2 and K54-3. , LINE , FORCED OUTAGE , AUTOMATIC	Wind storm, tree down between 54-2 and K54-3.	34.5
32	4/17/2007 11:18	4/17/2007 11:18:0	0	0		1.0	914	, WEATHER		34.5
32	12/1/2008 3:16	12/1/2008 3:16:0	0	0	882D1 opened and reclosed one time. Snow storm at time.	4.4	5742	, AUTOMATIC , OVERLOAD	, WEATHER	34.5
32A	3/31/2006 8:25	3/31/2006 9:25:0	1	24	Forced outage to repair floating phase wire on 882D1, 32-7 was closed first to carry the Stratton load.	1	283	, FORCED OUTAGE , MANUAL , PROTECTION , MAINTENANCE	, EQUIPMENT FAILURE	34.5
33	10/31/2006 11:24	10/31/2006 11:24:0	0	0	Sqirf on K38-12 caused breaker K2-1, caused an Instantious Bus outage at Augusta East Side		2811	, AUTOMATIC , AUTOMATIC , FORCED OUTAGE , LINE , SCHEDULED OUTAGE , MAINTENANCE	, ANIMALS	34.5
33	2/19/2008 7:05	2/20/2008 13:20:1	6	15	Replace pole #32	none	none		, EQUIPMENT FAILURE	34.5
34	3/29/2005 17:10	3/30/2005 0:24:0	7	14	Insulator & cross arm repaired by Jim Wright's crew	4.9	2717	, LINE , FORCED OUTAGE , SHORT CIRCUIT	, EQUIPMENT FAILURE - BROKEN INSULATOR CAUSED PASE TO BURN THE CROSS ARM	34.5

34	4/11/2005 13:57	4/11/2005 14:16:0	0	19	Because of car pole accident on 815D2-17, sect 34, K34-1 at Guilford was opened at request of sheriff Alan Emerson.	3.4	2700	, FORCED OUTAGE , OTHER	, CUSTOMER car pole accident	34.5
34	6/29/2005 22:12	6/30/2005 2:45:0	4	33	Lightning storm caused phase wire to fall to ground.		2717	, FORCED OUTAGE , SHORT CIRCUIT	, WEATHER	34.5
34	7/2/2005 4:08	7/2/2005 7:58:0	3	50	Phase wire pulled from strain insulator at Guilford station.	3	2717	, LINE , FORCED OUTAGE , AUTOMATIC	, WEATHER , EQUIPMENT FAILURE	34.5
34	8/1/2005 19:10	8/1/2005 19:10:0	0	0	Lightning on radar in the area.	4.0	2717	, LINE , EQUIPMENT , AUTOMATIC	, WEATHER	34.5
34	8/3/2005 15:01	8/3/2005 15:30:0	0	29	Insulator and wire on xarm. Line bumped during thunderstorm 2 nights ago.	6	2717	, LINE , FORCED OUTAGE , OVERLOAD , MAINTENANCE	, WEATHER	34.5
34	12/30/2005 13:26	12/30/2005 18:25:0	4	59		5.2	2717	, LINE , FORCED OUTAGE	, CONTRACTOR	34.5
34	12/30/2005 19:52	12/30/2005 22:49:0	2	57		5	2717	, LINE	, UNKNOWN	34.5
34	1/15/2006 17:57	1/15/2006 21:52:0	3	55	Tree came down at pole # 223 taking wire down.	4	2717	, FORCED OUTAGE , LINE , MANUAL	, WEATHER , WIND , ICE	34.5
34	4/14/2006 9:14	4/14/2006 10:59:0	1	45	Osprey nest fell on lines at pole 65 Had to open K34-1 in order to bypass dist regulators the	5.5	2717	, LINE , FORCED OUTAGE , AUTOMATIC , PROTECTION	, ANIMALS	34.5
34	7/10/2006 17:38	7/10/2006 17:41:0	0	3	close K34-1/	2	674	, EQUIPMENT	Blown regulator on D2 circuit UNKNOWN - HOWARD DOWNING HAD TREE CREWS WORKING, BUT, NOT THE CAUSE	34.5
34	1/10/2007 6:56	1/10/2007 7:08:0	0	12	outage to cut over line upgrade, section 34 and insulator change out at Dover S/S	6	2831	, SHORT CIRCUIT , AUTOMATIC		34.5
34	4/2/2007 0:01	4/2/2007 5:17:0	5	16			2831	, SCHEDULED OUTAGE	, MAINTENANCE	34.5

34	1/6/2008 19:10	1/6/2008 23:57:0	4	47	Broken insulator on bus side disconnect of K34-1 caused fault and 34KV bus outage	7	2872	, LINE , FORCED OUTAGE , AUTOMATIC , PROTECTION , SHORT CIRCUIT	, EQUIPMENT FAILURE	34.5
34 bus	4/23/2005 12:19	4/23/2005 16:40:0	4	21	Replaced 2 broken 34 Kv bus insulators that faulted in heavy rain.	20	12404	, FORCED OUTAGE , SHORT CIRCUIT , LINE , FORCED OUTAGE , AUTOMATIC , PROTECTION , SHORT CIRCUIT	Faulted 34 kv bus insulators at Topsham 115 in heavy rain.	34.5
34 Bus	1/6/2008 19:10	1/7/2008 0:04:0	4	54	Broken insulator on bus side disconnect of K34-1 caused fault and 34KV bus outage	5	2595	, LINE , FORCED OUTAGE , AUTOMATIC , PROTECTION , SHORT CIRCUIT	, EQUIPMENT FAILURE	
34 Kv Bus	2/24/2006 16:49	2/24/2006 17:37:0	0	48	One of the BS 1/2 disconnects was found in the open position. It was previously reported as having a hot spot.	0	1	, EQUIPMENT , FORCED OUTAGE , OTHER	, EQUIPMENT FAILURE	34.5
36	2/7/2008 20:07	2/7/2008 20:53:0	0	46	34KV LA broke and was swinging close to buswork steel. T1 was switched out to cut LA free	3	3662	, TERMINAL , FORCED OUTAGE , MANUAL , PROTECTION	, EQUIPMENT FAILURE	34.5
37	4/5/2007 7:32	4/5/2007 15:10:0	7	38	Heavy wet snowstorm throughout the state. Tree came down on Section 37, pole 86, cleaning out crossarm and insulators.	4	2959	, LINE , SCHEDULED OUTAGE , SHORT CIRCUIT , AUTOMATIC	, WEATHER, SNOW STORM	34.5
37	3/21/2008 14:58	3/21/2008 17:45:0	2	47	A tree was taken off all 3 phases, between poles 16-17 3	3	2850	, LINE , SHORT CIRCUIT	, WIND	34.5
38	10/31/2006 11:24	10/31/2006 12:36:0	1	12	Sqirl on K38-12 caused an instintalnous bus outage at East Side and breaker K38-12 at Augusta East Side opened and stayed open.		626	, AUTOMATIC , AUTOMATIC , FORCED OUTAGE	, ANIMALS	34.5

38	4/16/2007 4:07	4/16/2007 0:00			Storm in state with strong winds	2	626	, LINE , FORCED OUTAGE , AUTOMATIC	, WEATHER	34.5
38	9/27/2007 9:49	9/28/2007 14:24	1	4		2.0	626	, LINE , FORCED OUTAGE , SHORT CIRCUIT	, WEATHER , LIGHTNING	34.5
38	1/30/2008 7:00	2/1/2008 8:20	2	1	Replacemnt of poles 353,355,357	none	none	, LINE , SCHEDULED OUTAGE	, MAINTENANCE	34.5
388	7/24/2008 7:23	7/24/2008 8:47	0	1			118,000	, FORCED OUTAGE , LINE , FORCED OUTAGE ,	, LIGHTNING	34.5
39	8/4/2006 8:23	8/4/2006 8:24	0	0		9.0	5650	, AUTOMATIC , SHORT CIRCUIT	, EQUIPMENT FAILURE	34.5
39	10/31/2006 11:24	10/31/2006 11:24	0	0	Sqirt on K38-12 caused an instintainous bus outage at East Side and breaker K39-1 at Puddledoc Rd opened. Iclosed K39-1 at 1134		3758	, AUTOMATIC , AUTOMATIC , FORCED OUTAGE	, ANIMALS , EQUIPMENT FAILURE ,	34.5
39	11/8/2006 20:37	11/8/2006 22:02	0	1	Storm damage on Section 39B	3	1892	, LINE , FORCED OUTAGE , AUTOMATIC	, WEATHER	34.5
39	6/3/2008 15:43	6/3/2008 17:14	0	1		0	1903	, AUTOMATIC	, WEATHER	34.5
4	6/10/2005 16:48	6/10/2005 16:48	0	0		3.6	1770	, LINE , FORCED OUTAGE , SHORT CIRCUIT	, WEATHER	34.5
4	8/5/2005 15:54	8/5/2005 15:55	0	0		3.3	1679	, FORCED OUTAGE , SHORT CIRCUIT , LINE	, LIGHTNING	34.5
4	4/24/2006 22:05	4/24/2006 22:06	0	0	It appears that a broken strain insualtor on section 4 at Pittsfield caused k4-10 at Detroit to operate 3 times then go closed.	3	1870	, AUTOMATIC , PROTECTION , SHORT CIRCUIT	, WEATHER , EQUIPMENT FAILURE	34.5
4	4/25/2006 20:06	4/27/2006 13:05	1	16	The top of pole 117 was found burnt off with conductors hanging. Sect 4 was switched out and Sect 8 was switched in.	2	1680	, FORCED OUTAGE OVERLOAD	, WIND	34.5

4	6/1/2006 14:43	6/1/2006 14:10:0	23	27		1412	, LINE , SCHEDULED OUTAGE , SHORT CIRCUIT , PROTECTION	, WEATHER , LIGHTNING	34.5	
41	1/19/2005 3:05	1/19/2005 3:07:0	0	2		3.5	4727	, LINE , FORCED OUTAGE , MANUAL	, WEATHER , UNKNOWN	34.5
41	3/6/2006 13:00	3/6/2006 13:40:0	0	40	Blown LA at West St Sub, on section 41. Disconnect was opened on affected arrestor & tagged	10	6400	, LINE , AUTOMATIC , SHORT CIRCUIT	, EQUIPMENT FAILURE	34.5
41	6/1/2006 15:36	6/1/2006 15:36:0	0	0		5.7	5111	, LINE , EQUIPMENT , SHORT CIRCUIT , OTHER	, WEATHER	34.5
41	6/1/2006 15:45	6/1/2006 15:45:0	0	0		7.8	6658	, LINE , EQUIPMENT , FORCED OUTAGE , SHORT CIRCUIT	, WEATHER	708
41	8/17/2006 4:44	8/17/2006 5:35:0	0	51	Blown L.A. on line at Gulf Island.	4.5	5111	, LINE , FORCED OUTAGE , AUTOMATIC	, EQUIPMENT FAILURE	34.5
41	6/22/2007 14:08	6/22/2007 14:08:0	0	0	Bowman ST. K41-8 opened and reclosed During a thunder shower.	7.2	6673	, AUTOMATIC	, WEATHER	34.5
42	12/5/2006 3:30	12/5/2006 3:30:0	0	0	Section opened and reclosed durring the fault at Deer Rips on 149-1		6994	, AUTOMATIC	, TRANS-FAULT	34.5
43	2/10/2005 20:20	2/10/2005 22:45:0	2	25	Broken insulator on switch 43-5 at Lisbon Falls and fault on section 43 from K43-6 to 43-5.	7	4391	, LINE , FORCED OUTAGE , AUTOMATIC , MANUAL	, WEATHER	34.5
43	2/10/2005 20:20	2/10/2005 22:45:0	2	25	Fault on line between K43-6 and 43-5 also broken insulator on 43-5	7	1749	, LINE , FORCED OUTAGE , AUTOMATIC , MANUAL	, WEATHER	34.5
43	2/10/2005 20:20	2/10/2005 3:28:0	7	8	Lisbon Falls 34KV Bus outage to replace 2 Insulators on switch 43-5. Insulators broke while trying to isolate section 43 to Topsham 115.	5	4391	, FORCED OUTAGE , AUTOMATIC , MANUAL	, WEATHER , EQUIPMENT FAILURE	34.5

43	2/10/2005 20:20	2/10/2005 3:28:0	7	8	Lisbon Falls 34KV Bus outage to replace 2 insulators on switch 43-5. Insulators broke while trying to isolate section 43 to Topsham 115.	5	4391	, FORCED OUTAGE , WEATHER, , AUTOMATIC, MANUAL , EQUIPMENT FAILURE	34.5
43	2/16/2005 0:07	2/16/2005 0:07			Topshams 115Kv T- 3 115KV LA blown LA's. Closed in K43- 1at Crowleys via Scada. K43-6 Topsham 115 reclosed automatically	1.8	6141	, LINE, TERMINAL, EQUIPMENT, FORCED OUTAGE, AUTOMATIC , EQUIPMENT FAILURE	34.5
43	4/3/2005 7:59	4/3/2005 7:59:0	0	0	Strong winds and rain storm.	5	6140	, LINE, FORCED OUTAGE, AUTOMATIC , WEATHER	34.5
43	4/3/2005 9:39	4/3/2005 10:42:0	1	3	Strong winds and rain storm. Problem is between Topsham 115 and Lisbon Falls, to be repaired next day.	12	6140	, LINE, FORCED OUTAGE, AUTOMATIC , WEATHER	34.5
43	4/3/2005 9:39	4/3/2005 10:42:0	1	3	Strong winds and rain storm. Problem is between Topsham 115 and Lisbon Falls, to be repaired next day.	12	6140	, LINE, FORCED OUTAGE, AUTOMATIC , WEATHER Broken 34 Kv bus insulators at Topsham 115 and heavy rain	34.5
43	4/23/2005 12:19	4/23/2005 12:20:0	0	1	broken 34 KV bus insulators on bus 1 faulted in heavy rain. During switching operations to put the T2 transformer back in service from earlier maint., T2H broke, forcing a complete 34KV Bus outage to repair T2H.	6.0	6140	, FORCED OUTAGE , SHORT CIRCUIT , WEATHER	34.5
43	5/21/2005 17:33	5/21/2005 19:13:0	1	40		6.0	4391	, FORCED OUTAGE , EQUIPMENT FAILURE , LINE, FORCED OUTAGE, SHORT CIRCUIT	34.5
44	6/10/2005 15:46	6/10/2005 15:46:0	0	0		3.4	2035	, WEATHER	34.5

44	6/10/2005 15:46	6/10/2005 15:46 0	0	0		3.4	2035	, LINE , FORCED OUTAGE , SHORT CIRCUIT	, WEATHER	34.5
					K44-1 opened during a storm . Sectionalized and picked up Harmony at 2224 1816 customers					
44	6/20/2006 20:38	6/21/2006 4:30 0	7	52			626	LINE , AUTOMATIC	, WEATHER	34.5
					Sect 12 isolated in order to get Harmony going. Opened switch 12-1 and closed K44-1. Tree on sect 12.	2	1816	SHORT CIRCUIT	, WIND , LIGHTNING	34.5
44	7/10/2006 17:00	7/10/2006 18:07 0	1	7						
					K44-1 opened at 2102, switch 12-1 closed and K44-1 closed at 2104.		2500	Had to open K44-1 in order to get switch 12-1 closed to remote energize.		34.5
44	7/10/2006 21:02	7/10/2006 21:04 0	0	2						
					Heavy wind and rain blew tree onto Section 12.		2649	, LINE , EQUIPMENT WEATHER , WIND , FORCED OUTAGE	VEGETATION	34.5
44	11/17/2006 8:03	11/17/2006 9:23 0	1	20						
					Tree down due to high winds. Broke conductor from insulator and wrapped around other phase wire causing phase to phase fault on Section 44, Pole 108 5		2436	, LINE , FORCED OUTAGE , AUTOMATIC , SHORT CIRCUIT	, WEATHER , WIND	34.5
44	3/28/2007 21:09	3/28/2007 22:59 0	3	56						
					Heavy wet snowstorm throughout the state	3	2437	, LINE , SCHEDULED OUTAGE , SHORT CIRCUIT , AUTOMATIC	, WEATHER, SNOW STORM	34.5
44	4/5/2007 9:01	4/5/2007 9:01 0	0	0						
					Severe thunder storm in the area. K44-1 opened and reclosed during a thunder storm	3.0	2436	, FORCED OUTAGE AUTOMATIC	, WEATHER	34.5
44	8/3/2007 15:29	8/3/2007 15:29 0	0	0						
							2437	, LINE , AUTOMATIC SHORT CIRCUIT	, WEATHER	34.5
44	8/25/2007 20:07	8/25/2007 20:07 0	0	0						

44	8/25/2007 20:10	8/26/2007 4:07 0	7	57	problem on section 12 that happened during a thunder shower caused K44-1 to open. Sectionalized and restored Harmony at 2218	627	, AUTOMATIC , OVERLOAD , SHORT CIRCUIT , LINE , FORCED OUTAGE , AUTOMATIC	, WEATHER	34.5
44	9/29/2007 16:52	9/29/2007 16:52 0	0	0		2.5	2436	, UNKNOWN	34.5
44	7/2/2008 18:55	7/2/2008 18:58 0	0	3	K83-5 Opened up at Wyman Hydro causing KT1L and K44-1 to open at Lakewood causing an outage at Harmony,N. Anson and Carrabassett	29	2469	, AUTOMATIC , FORCED OUTAGE , LINE , WEATHER , LIGHTNING	34.5
45	8/12/2005 20:54	8/12/2005 21:52 0	2	20	Phase wire down on Section 42 and bad trip coil on Deer Rips K42-1 preventing K42-1 from opening sent fault to Gulf island where K45-1 and K46-1 opened to clear the fault.	6	8986	, LINE , FORCED OUTAGE , AUTOMATIC , EQUIPMENT FAILURE	34.5
45	5/14/2008 7:56	5/14/2008 12:02 0	4	6	Minor inspection	0	0	, SCHEDULED OUTAGE , MAINTENANCE , INSPECTION , MAINTENANCE	34.5
46	8/12/2005 20:54	8/12/2005 23:33 0	2	39	Phase wire down on Section 42 and bad trip coil on Deer Rips K42-1 preventing K42-1 from opening sent fault to Gulf Island where K45-1 and K46-1 opened to clear the fault.	6	8986	, LINE , FORCED OUTAGE , AUTOMATIC , EQUIPMENT FAILURE	34.5

47	9/5/2005 18:56	9/6/2005 5:06 0	10	10	Scheduled customer outage. CMP replaced brown insulators at Keyes Fibre. Keyes did work on their equipment.	0	1	, LINE , SCHEDULED OUTAGE , MANUAL , PROTECTION , MAINTENANCE	, MAINTENANCE	34.5
48	7/28/2006 19:05	7/28/2006 20:13 0	1	8		7.5	5287	, LINE , EQUIPMENT , FORCED OUTAGE , SHORT CIRCUIT	, WEATHER	34.5
48	5/1/2007 14:05	5/1/2007 14:56 0	0	51	Patrol found broken insulator and wire on cross arm Rockland line did repairs.	6.6	5300	, FORCED OUTAGE	, UNKNOWN	34.5
49	6/29/2005 17:43	6/29/2005 19:17 0	1	34	Cut blown L/A loose at Stickneys.		4704	Lightning storm	Blown L/A at Stickneys	34.5
49	9/1/2005 0:58	9/1/2005 0:58 0	0	0		3.2	4504	, LINE , FORCED OUTAGE , AUTOMATIC , MANUAL	, UNKNOWN	34.5
49	7/18/2006 15:36	7/18/2006 20:07 0	4	31	Isolated faulted area on section 49	5.5	5156	, LINE , FORCED OUTAGE , SHORT CIRCUIT	, WEATHER	34.5
49	8/6/2007 14:59	8/6/2007 14:59 0	0	0		6.1	5158	, LINE , FORCED OUTAGE , AUTOMATIC	, WEATHER	34.5
49	11/3/2007 22:30	11/3/2007 23:04 0	0	34	Cause is tropical storm Noel.	5.2	5128	, LINE , EQUIPMENT , FORCED OUTAGE , SHORT CIRCUIT	, WEATHER	34.5
49	12/19/2007 9:32	12/19/2007 12:39 0	3	7		none	none	, LINE , SCHEDULED OUTAGE , MAINTENANCE	, MAINTENANCE	34.5
5	6/29/2005 20:04	6/29/2005 22:15 0	2	11	UF relay took sect 5 out when K85-1 operated at Detroit. No problem found on sect 5.		2215	Lighting storm	UF relay took sect 5 out when K85-1 operated at Detroit.	34.5
5	7/9/2005 19:11	7/9/2005 19:12 0	0	1	Lightning storm		3182	, AUTOMATIC	, LIGHTNING	34.5
5	7/22/2005 17:19	7/22/2005 17:19 0	0	0		12.7	7337	, LINE , EQUIPMENT , FORCED OUTAGE , SHORT CIRCUIT	, WEATHER	34.5

5	2/7/2006 14:06	2/7/2006 14:06 0	0	0	2 recloser operations of K5-1 at Detroit.	10	7137	, LINE , FORCED OUTAGE , AUTOMATIC , PROTECTION , SHORT CIRCUIT	, UNKNOWN	34.5
5	2/8/2006 13:40	2/8/2006 13:40 0	0	0	2 recloser operations of K5-1 at Detroit	10	7137	, LINE , FORCED OUTAGE , AUTOMATIC , PROTECTION , SHORT CIRCUIT	, UNKNOWN	34.5
5	9/2/2006 3:30	9/2/2006 3:31 0	0	1	K5-1 opened and closed.	6	7664	, FORCED OUTAGE	, UNKNOWN	34.5
5	11/8/2006 16:17	11/8/2006 16:29 0	0	12	Life in Danger. Car/Pole accident on circuit 808D1 at Carmel. Transmission line was opened to isolate accident	10	7694	, LINE , FORCED OUTAGE , MANUAL , PROTECTION	, HUMAN ERROR	34.5
5	1/6/2008 19:10	1/6/2008 21:13 0	2	3	Broken insulator on bus side disconnect of K34-1 caused fault and 34KV bus outage. Feed swapped over to Detroit while repairs were made.	4	3350	, LINE , FORCED OUTAGE , AUTOMATIC , PROTECTION , SHORT CIRCUIT	, EQUIPMENT FAILURE	34.5
50	3/31/2005 13:41	3/31/2005 17:28 0	3	47	Logging crew dropped tree on line between poles 132 and 133.	6 MW	4110	, FORCED OUTAGE , AUTOMATIC , OTHER	, HUMAN ERROR	34.5
50	6/3/2005 16:48	6/3/2005 18:16 0	1	28		7.5	4100	, LINE , FORCED OUTAGE , SHORT CIRCUIT , OTHER	, UNKNOWN	34.5
51	6/12/2005 15:58	6/12/2005 23:00 0	7	2		3.8	4282	, LINE , EQUIPMENT , FORCED OUTAGE , MAINTENANCE	, MAINTENANCE , EQUIPMENT FAILURE	34.5
51	7/22/2006 19:46	7/23/2006 1:52 0	6	6	Dead end insulators failed on pole # 133 and started to burn pole and needed to be replaced.	7	5607	, FORCED OUTAGE , SHORT CIRCUIT	, EQUIPMENT FAILURE	34.5
51	1/29/2008 7:00	2/1/2008 15:00 3	8	0	Replacement of switch 51-3	none	none	, LINE , MAINTENANCE	, MAINTENANCE	34.5
51	7/13/2008 10:44	7/13/2008 13:03 0	2	19	Broken X arm on pole 172,173,174	8.7	5720	, FORCED OUTAGE , LINE	, EQUIPMENT FAILURE	34.5
52	11/11/2005 4:47	11/11/2005 0:00				1.2	969	, LINE , FORCED OUTAGE , SHORT CIRCUIT		34.5

53	6/10/2005 16:35	6/10/2005 16:35:0	0	0		8.0	6942	, LINE , FORCED OUTAGE , SHORT CIRCUIT	, WEATHER	34.5
53	6/10/2005 16:44	6/10/2005 16:44:0	0	0		8.0	6942	, LINE , FORCED OUTAGE , SHORT CIRCUIT	, WEATHER	34.5
53	7/13/2005 16:29	7/13/2005 16:29:0	0	0		8.2	6942	, LINE , FORCED OUTAGE , AUTOMATIC , SHORT CIRCUIT	, WEATHER , HUMAN ERROR,	34.5
53	10/11/2005 10:31	10/11/2005 10:53:0	0	22			6942	, FORCED OUTAGE , MANUAL , PROTECTION	CAR/POLE ACCIDENT, CAUSED CAR FIRE	34.5
53	1/1/2007 12:45	1/1/2007 13:56:0	1	11	Section 53 Norway to Hotel Rd open and reclose at Hotel Rd end to pick up Mechanic Falls load. After the line crew open 53-5 at Oxford to isolate the fault. Close in 53-3 at Mechanic Falls to pick up Oxford distribution load.	305	2420	, LINE , FORCED OUTAGE , OTHER	WEATHER , ICE , OTHER	34.5
53	1/1/2007 12:45	1/1/2007 12:46:0	0	1	Section 53 Norway to Holtel Rd open and reclose at Hotel Rd end to pick up Mechanic Falls load.	7.3	5016	, LINE , FORCED OUTAGE , OTHER	WEATHER , ICE , OTHER	34.5
53	9/27/2007 8:45	9/27/2007 8:45:0	0	0		705	7436	, LINE , FORCED OUTAGE , AUTOMATIC	, WEATHER	34.5
54	1/27/2005 12:33	1/27/2005 12:33:0	0	0	Cause unknown.	3.0	3157	, LINE , TERMINAL , FORCED OUTAGE , AUTOMATIC	CONTRACTOR	34.5
54	12/13/2007 10:01	12/13/2007 10:01:0	0	0	K54-1 opened and reclosed twice	3	3447	, LINE , SHORT CIRCUIT		34.5
54	8/1/2008 23:50	8/2/2008 0:38:0	0	48	Section 54 opened due to a cross arm failure. The outage was restored by closing sw. 32-3 . Repairs were made and line restored to normal at 1341		4600	, AUTOMATIC	, EQUIPMENT FAILURE	34.5

56	1/28/2008 2:29	1/28/2008 3:15:0	0	46	Section 56 open per request of Comm Center and Fairfield fier dept. Car pole accident on 817D3 at Fairfield	12	7672	, LINE , FORCED OUTAGE , OTHER	SWITCHING	34.5
57	2/6/2007 17:26	2/6/2007 18:05:0	0	39	Lost of Unit #2 at Hiram caused an overload on Section 57, K57-5 feeding the 34KV Bus at Bridgton.	10	5434	, LINE , EQUIPMENT , FORCED OUTAGE , OVERLOAD	OVERLOAD	34.5
59	12/1/2008 0:00	12/1/2008 0:00			882D1 opened and reclosed one time. Snow storm.	3.9	5742	, AUTOMATIC , SHORT CIRCUIT , LINE , FORCED OUTAGE ,	WEATHER	34.5
60	6/2/2007 20:34	6/2/2007 20:34 0	0	0	Lightning in area, Sec 60 trip/reclose taking out Brown's Crossing Instantaneously.	3.5	3121	, AUTOMATIC , PROTECTION , SHORT CIRCUIT , TERMINAL , FORCED OUTAGE ,	WEATHER , LIGHTNING	115
61	6/19/2008 17:11	6/19/2008 17:11:0	0	2	Lightning in area.	0	see below	, AUTOMATIC , PROTECTION , TERMINAL , FORCED OUTAGE ,	WEATHER , LIGHTNING	115
61A	6/19/2008 17:11	6/19/2008 17:11:0	0	0	Lightning in area.	0	see below	, AUTOMATIC , PROTECTION	WEATHER , LIGHTNING	115
63	2/24/2005 4:23	2/24/2005 4:34:0	0	11	Wyman Hydro 115KV busses forced OOS in order to clear KG1 stuck breaker	6	1275	, TERMINAL	, EQUIPMENT FAILURE	115
66	1/1/2005 6:29	1/1/2005 6:59:0	0	30		2.7	2160	, LINE , FORCED OUTAGE , MANUAL , OTHER	, OTHER, Fire Truck in a D circuit out of Hartland Substation.	115
7	4/15/2005 0:01	4/15/2005 0:52:0	0	51	Planned customer outage at Richmond on 240D1 to isolate switch T1H for repairs	1.5	1856	, LINE , TERMINAL , EQUIPMENT , SCHEDULED OUTAGE , MAINTENANCE	MAINTENANCE	34.5
71	9/27/2008 17:14	9/30/2008 13:59:2	20	45	Hydro Kennebeck had a fire at there plant and request to switch out section 71A	Gen	1	, FORCED OUTAGE	, EQUIPMENT FAILURE	34.5

71	9/30/2008 6:22	9/30/2008 18:33:0	10	11	Hydro Kennebeck had a fire at there plant and request to switch out section 71A	Gen	1	, FORCED OUTAGE	, EQUIPMENT FAILURE	34.5
72	4/11/2005 18:55	4/12/2005 0:28 0	5	33	Section 72 open due to faulted metering CT at Philips Elmet	1.0	1	, LINE , EQUIPMENT , FORCED OUTAGE , SHORT CIRCUIT	, EQUIPMENT FAILURE	34.5
72	4/30/2005 8:00	4/30/2005 14:34 0	6	34		1.5	1	, LINE , TERMINAL , EQUIPMENT , SCHEDULED OUTAGE , MAINTENANCE	, MAINTENANCE	34.5
74	7/29/2005 22:48	8/2/2005 11:27:3	12	39	60 foot oak tree came down and took out 1 pole and several crossarms.	2.1	2506	, TERMINAL , FORCED OUTAGE , MANUAL , SHORT CIRCUIT	, SWITCHING	34.5
74	10/25/2005 1:24	10/25/2005 1:24.0	0	0	One reclose on both ends	1.5	2506	, LINE , EQUIPMENT , AUTOMATIC	, UNKNOWN	34.5
74	10/30/2005 0:38	10/30/2005 1:03 0	0	25	Replace floating insulator	1	1491	, TERMINAL , SCHEDULED OUTAGE , PROTECTION , MAINTENANCE	, EQUIPMENT FAILURE	34.5
74	4/5/2007 8:17	4/5/2007 8:17 0	0	0	Heavy wet snowstorm throughout the state	4	2416	, LINE , SCHEDULED OUTAGE , SHORT CIRCUIT , AUTOMATIC	, WEATHER, SNOW STORM	34.5
74	8/14/2007 1:08	8/14/2007 1:45 0	0	37	Section 74 opened per request of the com. Center due to a car pole axident		2416	, LINE , FORCED OUTAGE , PROTECTION , TERMINAL , FORCED OUTAGE , AUTOMATIC , PROTECTION	, CUSTOMER	34.5
75	6/19/2008 17:11	6/19/2008 17:12:0	0	1	Lightning in area. 34Kv Bus support insulators - The center support, completely blown away. Lightning in the area.	0	see below	, WEATHER , LIGHTNING		115
76	4/20/2005 22:51	4/20/2005 22:57 0	0	6			5129	, AUTOMATIC	, EQUIPMENT FAILURE	34.5
76	4/23/2005 12:19	4/23/2005 12:24 0	0	5	broken 34 kV bus insulators on bus 1 faulted in heavy rain.		5129	, FORCED OUTAGE , SHORT CIRCUIT	Broken 34 Kv bus insulators at Topsham 115 and heavy rain	34.5

76	10/23/2005 3:46	10/23/2005 3:51	0	5		13	5129	, LINE , FORCED OUTAGE , AUTOMATIC , MANUAL	UNKNOWN	34.5
76	5/19/2006 13:30	5/19/2006 13:30	0	0		4.8	5129	, LINE , FORCED OUTAGE , SHORT CIRCUIT	WEATHER	34.5
76	3/27/2007 23:20	3/27/2007 23:20	0	0		4	5852	, LINE , AUTOMATIC SHORT CIRCUIT	UNKNOWN	34.5
77	5/29/2005 14:16	5/29/2005 14:16	0	0	Lightning Radar showed strikes in the area.	6.2	5967	, LINE , FORCED OUTAGE , AUTOMATIC	WEATHER	34.5
77	4/5/2007 7:32	4/5/2007 10:22	2	50	Heavy wet snowstorm throughout the state. Tree came down on Section 37 cleaning out crossarm and insulators. Section 37 was isolated and Section 77 switched back in.	14	6299	, LINE , SCHEDULED OUTAGE , SHORT CIRCUIT , AUTOMATIC	WEATHER, SNOW STORM	34.5
77	4/16/2007 10:33	4/16/2007 13:04	5	30	Severe storm in the area. Tree took down wires between 77-6 and 77-7	20	6299	, LINE , FORCED OUTAGE	WEATHER	34.5
77	5/25/2007 13:14	5/25/2007 13:14	0	0	pole fire on structure 241	8	6296	, LINE , FORCED OUTAGE , AUTOMATIC	EQUIPMENT FAILURE	34.5
77	5/25/2007 13:24	5/25/2007 14:01	0	37	pole fire on structure 241	4	4057	, LINE , FORCED OUTAGE , , MANUAL PROTECTION	EQUIPMENT FAILURE	34.5
77	5/25/2007 13:24	5/25/2007 13:59	0	35	pole fire on structure 241	3	2239	, LINE , FORCED OUTAGE , , MANUAL PROTECTION	EQUIPMENT FAILURE	34.5
77	6/22/2007 7:56	6/22/2007 9:33	1	37	Faulted cable on T1 CAUSED BUS OUTAGE ON BUS 3 and 4. Had second outage to to restore power to the Mason plant see next report.	0	1	, AUTOMATIC	EQUIPMENT FAILURE	34.5

77	6/22/2007 13:26	6/22/2007 13:33:0	0	7	outage to restore power to Mason Plant after temp. repairs were made. See 20076436 report	0	1	, FORCED OUTAGE	, EQUIPMENT FAILURE	34.5
77	7/5/2007 13:03	7/5/2007 13:03:0	0	0	Lighting at this time. Circuit auto reclosed.	8	6296	, LINE , EQUIPMENT , FORCED OUTAGE , AUTOMATIC	, WEATHER	34.5
77	12/1/2007 4:03	12/1/2007 5:48:0	1	45		10	6296	, LINE , FORCED OUTAGE , AUTOMATIC	, WEATHER	34.5
77	12/1/2007 4:03	12/1/2007 11:30:0	7	27	Strong winds resulted in floating phase wire causing outage	4	2234	, LINE , FORCED OUTAGE , AUTOMATIC , MANUAL	, WEATHER , EQUIPMENT FAILURE , WIND	34.5
77	2/12/2008 8:28	2/12/2008 13:14:0	4	46	Replace cross arm pole 321	none	none	, SCHEDULED OUTAGE , MAINTENANCE	, MAINTENANCE	34.5
77	3/21/2008 14:58	3/21/2008 15:56:0	0	58	Fault was found to be on section 37 Broken insulator on Structure 62 caused phase wire to come down near the ground.	8	6000	, SHORT CIRCUIT , LINE	, WIND	34.5
78	8/2/2007 12:56	8/2/2007 15:49:0	2	53		3	1344	, LINE , FORCED OUTAGE , MANUAL , PROTECTION	, EQUIPMENT FAILURE	34.5
79	5/10/2005 7:47	5/10/2005 7:47:0	0	0	Section 79 had one recloser operation. Closed back in automatically at Lakewood. Weston end left open until after the station is checked out.	3.4	2542	, SHORT CIRCUIT , AUTOMATIC , LINE		34.5
79	5/10/2005 7:47	5/10/2005 7:47:0	0	0	Section 79 open then reclosed at Lakewood.	3.4	2542	, LINE , EQUIPMENT , FORCED OUTAGE , AUTOMATIC	, EQUIPMENT FAILURE	34.5
79	7/22/2005 17:19	7/22/2005 17:19:0	0	0		2.5	2542	, LINE , FORCED OUTAGE , SHORT CIRCUIT	, WEATHER	34.5
79	2/10/2006 9:56	2/10/2006 9:56:0	0	0			2500	, AUTOMATIC Recloser operation at Lakewood. - Manual close at Weston	, OUTSIDE-CMP - word of skidder operation in area	34.5

8	8/8/2006 21:29	8/8/2006 8:48:0	11	19	Thunderstorms in the area K222-1 opened at Wyman Hydro causing Moscow Harris and Jackman to be out	2.2	1731	LINE , AUTOMATIC , SHORT CIRCUIT , PROTECTION	WEATHER , LIGHTNING	34.5
823D2	7/2/2008 18:04	7/2/2008 18:20:0	0	16	Sect 83 switched back after a B.F. trip at Winslow. K83-1 bypassed for repairs of breaker trip coils and mechanism.	1.7	500	LINE , AUTOMATIC , FORCED OUTAGE	WEATHER , LIGHTNING	
83	1/29/2005 0:39	1/29/2005 5:18:0	4	39	Thunderstorms in area.	10	1	LINE	WEATHER	115
83	7/2/2008 18:55	7/2/2008 18:58:0	0	3	Forced Greenville Steam off line for repairs to Guilford bus	-29	1	LINE , AUTOMATIC , OTHER	WEATHER	115
834D2	6/30/2005 2:29	6/30/2005 2:40:0	0	11	Sec 83C tripped when Sect 84 faulted and tripped sec 83 (breaker failure operation)	16 MW	1	FORCED OUTAGE	WEATHER	34.5
83C	1/29/2005 0:39	1/29/2005 5:18:0	4	39	Operation caused by blown insulators on the 34 KV system at Guilford	8	1	LINE	WEATHER	115
85	6/28/2005 19:55	6/28/2005 19:55:0	0	0	Sect 86 tripped on both ends when sw 86-7 was opened for a scheduled switching job	0	14280	AUTOMATIC	WEATHER	115
86	1/29/2007 13:21	1/29/2007 13:28:0	0	7	Lightning storm in area.	30	13419	SHORT CIRCUIT	DISTR-OTHER	115
86	8/3/2007 20:58	8/3/2007 20:59:0	0	1			21754	AUTOMATIC , TERMINAL , FORCED OUTAGE , AUTOMATIC , PROTECTION	WEATHER , LIGHTNING	115
87	6/19/2008 17:11	6/19/2008 17:11:0	0	0	Lightning in area.	0	see below	LINE , FORCED OUTAGE	WEATHER , LIGHTNING	115
9	7/9/2005 17:16	7/9/2005 17:16:0	0	0	Lightning in the area.	5.5	4226	LINE , FORCED OUTAGE	WEATHER	34.5

9	8/3/2007 18:16	8/3/2007 19:58:0	1	42	During storm section 9 opened between K9-1 and K9-4. Sectionalized to Get section 9, K9-1 to switc 9-3 re-energized. Section 9 between Switch 9-3 and K9-4 needs to be patrolled.	0	4364	AUTOMATIC	WEATHER	34.5
9	8/6/2007 14:35	8/6/2007 14:35:0	0	0		6.8	4364	LINE, EQUIPMENT FORCED OUTAGE, AUTOMATIC	WEATHER	34.5
9	12/28/2007 8:08	12/28/2007 12:02 0	3	54	Replace X-Arm sec.9	none	none	LINE, SCHEDULED OUTAGE, MAINTENANCE	EQUIPMENT FAILURE	34.5
90	6/17/2005 8:56	6/17/2005 8:56:0	0	0		6.5	3600	AUTOMATIC	UNKNOWN	34.5
90	4/5/2007 6:47	4/5/2007 6:47:0	0	0	Heavy wet snowstorm throughout the state	8	3993	LINE, SCHEDULED OUTAGE, SHORT CIRCUIT, AUTOMATIC	WEATHER, SNOW STORM	34.5
90	4/5/2007 7:59	4/5/2007 7:59:0	0	0	Heavy wet snowstorm throughout the state	8	3993	LINE, SCHEDULED OUTAGE, SHORT CIRCUIT, AUTOMATIC	WEATHER, SNOW STORM	34.5
90	8/24/2007 0:11	8/24/2007 0:11:0	0	0	Section 90 had 2 recloser operations. Storms in the area. Bridgton K91-4 and K57-5 at Harrison open creating bus outage at Bridgton at 10:40. Breakers did not reclose. Closed in K91-4 via Scada to pick up customer load at 10:42. Non scada control breaker at Hamson, K57-5, closed in at 13:26.	4	3992	LINE, AUTOMATIC	WEATHER	34.5
91	5/20/2006 10:40	5/20/2006 10:42:0	0	2	Thunderstorms in the area.	6.2	6214	TERMINAL, EQUIPMENT, FORCED OUTAGE, SHORT CIRCUIT	EQUIPMENT FAILURE	34.5
91	6/1/2006 13:15	6/1/2006 13:15:0	0	0		0.8	1903	AUTOMATIC, PROTECTION	WEATHER, LIGHTNING	34.5

91	7/28/2006 17:22	7/28/2006 18:06:0	0	44		2.0	1903	LINE , TERMINAL , FORCED OUTAGE , OVERLOAD	OVERLOAD , WEATHER	34.5
					Section 91 from Hiram Hydro to Bridgton locked open. Line crew sectionalized section 91 at Denmark opening 91-2 switch. Reenergized section 91 via Hiram to pick up customer load. This section of line was switched out to provide a safe means of closing switch 91-1 after line was repaired. Remove broken insulator on the 34KV bus and repaired hot spot on 413D1 tree on wires . Sectionalized to Fryeburg tap					
91	10/11/2006 22:18	10/11/2006 23:13:0	0	55		3.0	1903	LINE , EQUIPMENT FORCED OUTAGE SHORT CIRCUIT	UNKNOWN	34.5
91	9/3/2007 19:47	9/3/2007 19:56:0	0	9			1914	FORCED OUTAGE PROTECTION	EQUIPMENT FAILURE	34.5
91	10/14/2007 1:12	10/14/2007 3:06:0	1	54		0.8	1914	SCHEDULED OUTAGE , MANUAL PROTECTION , MAINTENANCE	EQUIPMENT FAILURE	34.5
92	8/2/2006 16:25	8/2/2006 20:03:0	3	38			559	LINE , AUTOMATIC	WEATHER	34.5
92	8/2/2006 16:25	8/2/2006 18:22:0	1	57	tree on wires during storm caused KT2L to open. Sectionalized to West Bridgton		1505	AUTOMATIC , LINE EQUIPMENT	WEATHER , VEGETATION	34.5
92	8/2/2006 16:25	8/3/2006 4:16:0	11	51	tree on wires . Reenergized after removing tree . Last section to energize Lost of Unit #2 at Hiram caused an overload on Section 57, K57-5 feeding the 34KV Bus at Bridgton .		1111	LINE , AUTOMATIC	WEATHER	34.5
92	2/6/2007 17:26	2/6/2007 18:06:0	0	40		2.5	1914	LINE , EQUIPMENT FORCED OUTAGE , OVERLOAD	OVERLOAD	34.5

92	2/6/2007 17:26	2/6/2007 18:06:0	0	40	Lost of Unit #2 at Hiram caused an overload on Section 57, K57-5 feeding the 34KV Bus at Bridgton .	30	1505	, LINE , EQUIPMENT , FORCED OUTAGE , OVERLOAD	, OVERLOAD	34.5
93	1/6/2007 13:57	1/6/2007 19:50:0	5	53	Pole #5 had the top of pole burn off. Storm on the coast at the time.	2	5446	, LINE , FORCED OUTAGE , PROTECTION	, WEATHER , EQUIPMENT FAILURE	34.5
95	2/11/2005 0:15	2/11/2005 0:15:0	0	0	Reclosed during blizzard.	2	4556	, TERMINAL , FORCED OUTAGE , AUTOMATIC	, WEATHER	34.5
95	7/1/2005 9:01	7/1/2005 11:44:0	2	43	Tree top came down during sorms, caught on phase wire and broke crossarm.	5.8	4453	, LINE , FORCED OUTAGE , PROTECTION	, VEGETATION , WEATHER	34.5
95	2/24/2006 3:30	2/24/2006 3:30:0	0	0	Comm Center reported a car/pole accident that may have caused K95-1 to operate.	2.5	4556	, LINE , EQUIPMENT , AUTOMATIC	, OTHER	34.5
95	2/13/2008 18:24	2/13/2008 18:24:0	0	0	K95-1 at Bonny Eagle had 1 recloser operation during ice storm of 2008.	1.4	5093	, LINE , AUTOMATIC SHORT CIRCUIT	, WEATHER	34.5
96	4/5/2007 3:48	4/5/2007 3:48:0	0	0	Heavy wet snowstorm in the area	2	760	, LINE , SCHEDULED OUTAGE , SHORT CIRCUIT	, WEATHER, SNOW STORM	34.5
97	4/13/2007 1:20	4/13/2007 5:44:0	5	39	Heavy wet snowstorm. No problem found.	2.0	1671	, LINE , FORCED OUTAGE , SHORT CIRCUIT , OTHER	, WEATHER	
97	12/12/2007 13:02	12/12/2007 13:14:0	0	12	Section 209 and 214 tripped open. Over loaded section 57 and low voltage, load shed conditions at Lovell due to KT1L at Hamson and KT1L at Lovell tripped open.	3.5	1671	, LINE , EQUIPMENT , OVERLOAD , OTHER	, OVERLOAD	34.5

Bus	5/23/2005 8:08	5/23/2005 8:30:0	0	22	All breakers around 34 KV bus opened. Found broken LJA disconnect insulators on bus #3.	4576	, SHORT CIRCUIT	, WEATHER , EQUIPMENT FAILURE	34.5
Bus	7/28/2006 17:21	7/28/2006 18:39:0	1	18	12 Bus outage to cut over section 34 and change insulators at Guilford S/S	6214	, LINE , EQUIPMENT , FORCED OUTAGE , MANUAL	, OVERLOAD , WEATHER	34.5
bus 1	4/2/2006 0:01	4/2/2006 4:58:0	4	57		2565	, SCHEDULED OUTAGE	, MAINTENANCE	34.5
Guilford	7/10/2006 13:37	7/10/2006 16:08:0	2	31	10 Large storm with lightning in the area, may have caused the problem, also a blown regulator at Dover on D2 may have been problem PT and station service transformer fault on 12KV Bus caused KT3L to open	13000	, FORCED OUTAGE	, WEATHER , EQUIPMENT FAILURE	34.5
KT3L	11/13/2007 12:02	11/13/2007 12:51:0	1	5	8 Fault at station on 693D2. Insulators were replaced and a recloser.	5337	, EQUIPMENT , AUTOMATIC	, EQUIPMENT FAILURE	12
T1	5/13/2005 10:03	5/13/2005 13:14:0	3	11	5 Found blown high side fuse on T1 and numerous broken 12 kv insulators.	1813			34.5
T1	6/29/2005 22:09	6/30/2005 2:45:0	4	36	5 Animal contact in substation on PT caused blown high side fuse.	2314	, FORCED OUTAGE , TERMINAL , FORCED OUTAGE , AUTOMATIC , OVERLOAD	Lighting storm	34.5/12
T1	11/6/2005 15:18	11/6/2005 21:45:0	6	27	5 Appears to have been a squirrel on 12 kv bus that shorted it out and damaged some insulators. (Black spot in snow was seen)	3293	, SHORT CIRCUIT , FORCED OUTAGE , OTHER	, ANIMALS , EQUIPMENT FAILURE	115/34

T1	1/21/2006 22:50	1/22/2006 1:32:0	2	42	Wind storm caused damage to circuit and recloser 805D1 was replaced along with the T1 high side fuses.	2.3	1500	, FORCED OUTAGE , PROTECTION , WIND	
T1	2/10/2006 1:00	2/10/2006 1:41 0	0	41	Replace all 3 T1 high side Lightning Arrestors after one had failed. Planned outage of the 811D1 customers.	1	1442	, EQUIPMENT , SCHEDULED OUTAGE , MANUAL , MAINTENANCE	MAINTENANCE
T1	2/17/2006 19:41	2/17/2006 22:14:0	2	33	T1 high side fuses blew during strong wind storm in state. Fire started on insulators, emergency opened K24-1 at Belfast 115, at Unity opened sw. 24-4 and closed sw. 24-5.	2	1451	, FORCED OUTAGE , MANUAL	, WEATHER , EQUIPMENT FAILURE 34.5
T1	2/17/2006 20:17	2/17/2006 20:51 0	0	34	T1 high side fuse blew during strong wind storm in state.	2	644	, FORCED OUTAGE , MANUAL	, WEATHER , EQUIPMENT FAILURE 34.5
T1	6/30/2007 9:54	6/30/2007 13:27 0	3	33		11	1	, EQUIPMENT , FORCED OUTAGE , PROTECTION	34.5
T-1	4/15/2005 0:01	4/15/2005 2:05 0	2	4	Customer outage on T-1 distribution circuit 825D1 to repair and replace insulators on the LA disconnect and T1H	.8	483	, TERMINAL , EQUIPMENT , SCHEDULED OUTAGE , MAINTENANCE	MAINTENANCE 34.5
T1 & T2	11/23/2007 6:25	11/23/2007 15:43:0	9	18	Planned outage to add metering to the 12 KV bus		1	, SCHEDULED OUTAGE , CONSTRUCTION	34.5

T2	8/14/2005 11:29	8/14/2005 15:25:0	3	56	420D2 recloser faulted. Fault caused blown 12KV Bus insulator failure. T2 went out on differential lockout. Recloser and Insulators were replaced and all customers were back on line at 15:38.	4	2411	EQUIPMENT , FORCED OUTAGE , AUTOMATIC , SHORT CIRCUIT	EQUIPMENT FAILURE	115
T2	5/9/2008 5:01	5/9/2008 5:32:0	0	31	KT2H, 635D1 and 635D2 ALL opened due to a Raccone as a tie sw outside the station. Energized after finding the problem.		2878	AUTOMATIC	ANIMALS	115
T2 & T3	7/9/2005 4:31	7/9/2005 10:08:0	5	37	Scheduled outage for Saco Defense Co. While BOC Gas was shut down for overhaul work Poulin and Harmon repaired the sudden pressure device on T3.	1		FORCED OUTAGE MANUAL	MAINTENANCE	34.5
T3	11/8/2005 8:22	11/8/2005 10:03:0	1	41	Stations person forgot to remove grounds from 12KV disconnects then closed disconnect, melted 12KV disc. shut, blew T3 fuse.	0	1	SCHEDULED OUTAGE	MAINTENANCE	115/34.5
T3	9/25/2007 17:52	9/25/2007 20:32:0	2	40		3	1649	EQUIPMENT , FORCED OUTAGE , MANUAL	HUMAN ERROR ,	34.5

1995 - 2000 CMP Outages By Cause

All Outage Data Included

Outage Cause	1995	1996	1997	1998	1999	2000
Animal or Bird Contact	1368	698	1242	1072	1034	949
Auto Accident	116	136	169	167	171	206
Cable Dig In	0	3	2	6	3	6
Cable Failure (URD)	33	30	38	44	37	36
CATV Crew Error	1	0	1	0	3	1
CMP Cont. Error	1	5	2	5	14	11
CMP Crew Error	6	12	14	13	9	5
CMP Tree Cont. Error	1	0	1	2	2	3
Connector or Splice Failure	17	25	24	28	34	25
Crane Contact	3	3	1	1	1	2
Crossarm Failure	5	3	4	7	5	3
Customer Error	16	15	25	19	16	23
Cutout Broken, Burned, etc.	106	82	91	88	71	60
Fire	7	8	13	10	15	8
Guy/Anchor Failure	2	4	3	1	4	0
Hot Line Clamp-(Specify)	10	6	8	9	15	8
Hot Line Clamp-Burned Conducto	28	32	17	18	42	24
Ice or Snow Broken Conductors	1	63	12	1	3	2
Insulator Broken or Defective	95	90	75	77	68	77
Lighting	198	70	243	226	201	184
Lightning Arrestor Failure	64	45	46	50	43	40
Obsolete - Do Not Use	284	284	353	112	169	125
Other Equipment Failure	109	78	53	92	77	64
Other Human Error	20	11	20	19	13	18
Other Natural Cause	105	201	43	194	54	116
Overload	20	6	11	7	8	6
Planned	47	40	37	38	53	52
Pole Failure	13	13	15	12	10	10
Recloser Failure	13	8	4	3	6	1
Road Cont. Error	4	7	6	7	10	8
Shooting Damage	1	0	0	1	0	0
Snowmow Damage	2	7	0	0	1	5
Station Outage	13	9	10	12	4	11
Switching Error	0	1	1	2	0	1
Telephone Crew Error	0	1	0	0	1	0
Terminator Failure (URD)	4	1	4	5	1	7
The Wire Failure	2	4	8	22	23	18
Transformer Failure	83	77	85	82	57	55
Transmission	10	6	10	9	3	13
Tree Condition	2674	2839	1473	2443	2111	1470
Tree Cont. Error	15	28	42	67	31	49
Unknown	1606	841	1096	1042	1090	1019
Wind or Snow Crossed Conductor	206	386	143	37	50	7
Total	7309	6186	5445	6050	5563	4726

2001 - 2007 CMP Outages By Cause

All Outage Data Included

<i>Outage Cause</i>	2001	2002	2003	2004	2005	2006	2007
Animal or Bird Contact	1831	1756	1702	1083	1072	1293	1441
Auto Accident	220	300	303	323	351	382	363
Cable Dig In	17	5	5	6	5	6	2
Cable Failure (URD)	42	53	60	45	48	109	34
CATV Crew Error	5	6	2	0	0	1	2
CMP Cont. Error	5	3	3	0	0	1	7
CMP Crew Error	8	14	11	6	8	10	6
CMP Tree Cont. Error	5	0	2	1	2	1	1
Connector or Splice Failure	29	47	51	18	28	57	23
Crane Contact	4	4	1	5	1	1	2
Crossarm Failure	5	7	7	7	15	15	11
Customer Error	18	19	23	25	15	18	13
Cutout Broken, Burned, etc.	98	97	112	86	88	85	115
Fire	15	9	25	13	9	14	28
Guy/Anchor Failure	6	2	3	3	4	5	1
Hot Line Clamp-(Specify)	6	5	7	2	3	2	3
Hot Line Clamp-Burned Conducto	25	26	41	30	20	25	17
Ice or Snow Broken Conductors	6	12	14	3	11	2	1
Insulator Broken or Defective	89	99	120	163	177	194	120
Lightning	205	207	104	232	137	230	241
Lightning Arrestor Failure	54	61	65	158	168	127	123
Obsolete - Do Not Use	181	171	0	0	0	0	0
Other Equipment Failure	49	65	86	73	92	77	87
Other Human Error	20	22	26	30	21	16	28
Other Natural Cause	18	14	39	41	13	15	11
Overload	27	29	23	23	43	33	15
Planned	66	88	67	59	41	47	49
Pole Failure	17	9	18	22	27	29	49
Recloser Failure	4	6	4	14	4	8	4
Road Cont. Error	7	11	7	11	2	3	3
Shooting Damage	0	0	0	0	0	0	2
Snowplow Damage	13	6	7	1	9	0	6
Station Outage	11	17	11	10	9	18	10
Storm	99	334	192	25	165	1722	2551
Switching Error	2	2	0	2	2	2	1
Telephone Crew Error	1	2	0	1	0	1	1
Terminator Failure (URD)	2	7	8	4	7	10	4
Tie Wire Failure	12	12	27	15	13	19	59

<i>Outage Cause</i>	<i>2001</i>	<i>2002</i>	<i>2003</i>	<i>2004</i>	<i>2005</i>	<i>2006</i>	<i>2007</i>
Transformer Failure	55	72	86	96	121	129	128
Transmission	18	7	17	12	20	23	23
Tree Condition	1848	2461	2789	2980	3436	3622	4173
Tree Cont. Error	29	27	136	95	31	33	31
Unknown	1948	1916	2264	1883	1860	2210	2335
Wind or Snow Crossed Conductor	202	114	49	48	38	9	125
Total	7322	8124	8517	7654	8116	10604	12249