

**OUTAGE INCIDENTS  
GROTON ELECTRIC LIGHT**

1/30/10

Year	Number of Incidents	Number of Customer Outages	Hrs.	Wildlife	Accidents	Failed Equip	Overload	Weather	Trees	Unknown	Number of Customers	SAIDI		ASAI	CAIDI	SAIFI
												Outage min. per Customer	Outage hr. per Customer	Successful Minutes	Minutes	Interruptions
2007	95	11071	12,462	29	4	15	2	14	21	10	4485	166.72	2.78	99.999995	67.5	2.47
2006	58	3273	2,292	19	2	9	3	7	14	4	4470	30.77	0.51	99.999999	42.0	0.73
2005	69	8795	7,287	9	8	16	3	7	11	15	4390	99.59	1.66	99.999997	49.7	2.00
2004	98	9554	6,670	39	1	13	4	11	16	14	4352	91.96	1.53	99.999997	41.9	2.20
2003	108	3952	4,853	36	6	18	6	16	19	6	4,297	67.76	1.13	99.999998	73.7	0.92
2002	114	5149	9,047	37	6	19	9	17	14	12	4,279	126.86	2.11	99.999996	105.4	1.20
2001	100	8811	4,085	44	7	13	11	9	10	6	4,229	57.95	0.97	99.999998	27.8	2.08
2000	78		2,444	26	4	13	1	14	11	9	4,152	35.32	0.59	99.999999		
1999	55		2,980	11	2	16	3	4	11	6	4,068	43.95	0.73	99.999999		
1998	88		3,073	33	2	17	2	14	9	11	3,993	46.18	0.77	99.999999		
1997	81		4,615	20	5	17	1	15	14	9	3,927	70.51	1.18	99.999998		
1996	75		6,170	19	4	11	2	7	13	19	3,795	97.55	1.63	99.999997		
1995	66		1,959	18	6	15	1	7	4	14	3,749	31.35	0.52	99.999999		
1994	68		4,055	6	3	15	2	17	11	14	3,607	67.45	1.12	99.999998		
1993	58		4,305	9	6	8	2	8	8	17	3,884	66.50	1.11	99.999998		
1992	45		3,336	5	6	9	2	7	7	9	3,846	52.04	0.87	99.999998		
1991	83		6,582	11	6	20	2	19	11	14	3,746	105.42	1.76	99.999997		
1990	119		6,323	55	7	17	3	7	14	16	3,480	109.02	1.82	99.999997		
			5,141													

**ASAI (average service availability index)**

**CAIDI (customer average interruption duration index)**

**SAIDI (system average interruption duration index)**

**SAIFI (system average interruption frequency index)**