

NEW HAMPSHIRE HISTORICAL OUTAGES ALL UTILITIES For WIDE SCALE STORMS

Chart of Historical Storm Outages Ranked by Severity of Impact on Utility Customers

NEW HAMPSHIRE HISTORICAL OUTAGES ALL UTILITIES For WIDE SCALE STORMS										
Prepared by Department of Energy Division of Enforcement Rev 7/2020										
	Worst Outage	2nd Worst Outage	3rd Worst Outage	4th Worst Outage	5th Worst Outage	6th Worst Outage	7th Worst Outage	8th Worst Outage	9th Worst Outage	
Eversource	Event Name	December 11-24, 2008 Ice Storm	February 25-March 4, 2010 Windstorm	Oct 29-Nov 4, 2011 Nor'easter (snow)	Oct 29-Nov 4 2017 Severe Rain and Wind Event	Nov 26 - Dec 1 2014 Thanksgiving Eve Snowstorm	Oct 26 - 31 2012 Hurricane Sandy	Aug 28 - Sept 1 2011 Tropical Storm Irene		
	# of Customers Affected	322,438	285,728	237,000	217,518	207,359	137,070	125,714		
	% of Customers Affected	66%	53%	47%	41%	41%	27%	25%		
	Duration of Restoration (hrs)	312	144	159	159	114	108	79		
	# of Restoration Crews (ex Tree/Dmg Assrs)	788	396	379	648	729	386	381		
	Wire Reattached/Replaced (ft)	554,400	168,960	89,760	127,019	97,803	116,160	63,360		
	# of Transformers Replaced	1,300	592	196	463	129	299	155		
	# of Poles Set	783	175	177	409	59	161	57		
	# of Cross-arms Replaced	1,255	Unknown	Unknown	403	157	Unknown	Unknown		
	Total Cost	\$72,709,000	\$26,523,000	\$15,426,775	\$34,313,178	\$26,299,430	\$11,169,908	\$6,781,491		
NHEC	Event Name	Oct 29-Nov 4 2017 Severe Rain and Wind Event	December 11-24, 2008 Ice Storm	February 25-March 4, 2010 Windstorm	February 17 - 20, 2006	April 15 - 22, 2007	Nov 26 - Dec 1 2014 Thanksgiving Eve Snowstorm	Oct 26 - 31 2012 Hurricane Sandy	Aug 28 - Sept 1 2011 Tropical Storm Irene	Oct 29-Nov 4, 2011 Nor'easter (snow)
	# of Customers Affected	55,632	48,230	45,000	40,000	35,000	29,308	22,000	19,436	18,687
	% of Customers Affected	68%	61%	59%	51%	45%	36%	28%	29%	24%
	Duration of Restoration (hrs)	196	190	128	72	168	102	108	77	66
	# of Restoration Crews (ex Tree/Dmg Assrs)	114	59	63	Unknown	Unknown	93	80	53	29
	Wire Reattached/Replaced (ft)	3,275	6,959	40,000	Unknown	316,800	820	Unknown	Unknown	Unknown
	# of Transformers Replaced	50	82	80	Unknown	Unknown	3	Unknown	Unknown	Unknown
	# of Poles Set	200	70	70	Unknown	75	17	Unknown	Unknown	Unknown
	# of Cross-arms Replaced	175	120	180	Unknown	Unknown	4	Unknown	Unknown	Unknown
	Total Cost	\$4,000,000	\$2,126,000	\$1,314,654	Unknown	Unknown	\$1,500,165	\$2,532,429	\$288,000	\$248,000
Unilt	Event Name	February 25-March 4, 2010 Windstorm	Oct 29-Nov 4, 2011 Nor'easter (snow)	December 11-24, 2008 Ice Storm	Nov 26 - Dec 1 2014 Thanksgiving Eve Snowstorm	Oct 29-Nov 4 2017 Severe Rain and Wind Event	Oct 26 - 31 2012 Hurricane Sandy	Aug 28 - Sept 1 2011 Tropical Storm Irene		
	# of Customers Affected	61,602	51,262	39,996	34,575	33,354	31,437	31,355		
	% of Customers Affected	84%	69%	55%	46%	43%	42%	42%		
	Duration of Restoration (hrs)	96	88	288	86	69	61	36		
	# of Restoration Crews (ex Tree/Dmg Assrs)	176	78	63	98	67	63	144		
	Wire Reattached/Replaced (ft)	103,600	5,700	93,012	18,599	4,709	21,819	2,400		
	# of Transformers Replaced	66	8	71	14	40	23	13		
	# of Poles Set	137	9	67	9	17	18	0		
	# of Cross-arms Replaced	325	35	239	46	28	26	10		
	Total Cost	\$4,577,281	\$3,265,000	\$2,043,881	\$2,071,048	\$1,257,287	\$2,659,587	\$2,554,000		
Liberty	Event Name	December 11-24, 2008 Ice Storm	March 7-March 11, 2018 Winter Storm Quinn	Oct 29-Nov 4, 2011 Nor'easter (snow)	Aug 28 - Sept 1 2011 Tropical Storm Irene	Oct 29-Nov 4 2017 Severe Rain and Wind Event	February 25-March 4, 2010 Windstorm	Oct 26 - 31 2012 Hurricane Sandy	March 7 - 10 2011 Ice/ Rain storm	Nov 26 - Dec 1 2014 Thanksgiving Eve Snowstorm
	# of Customers Affected	24,164	17,998	17,000	11,400	11,752	11,319	10,200	4,709	2,900
	% of Customers Affected	63%	41%	41%	28%	27%	27%	25%	11%	7%
	Duration of Restoration (hrs)	168	91	108	48	89	88	55	67	38
	# of Restoration Crews (ex Tree/Dmg Assrs)	78	32	25	32	32	79	42	87	13
	Wire Reattached/Replaced (ft)	12,980	Unknown	Unknown	Unknown	128	Unknown	Unknown	Unknown	Unknown
	# of Transformers Replaced	29	2	Unknown	Unknown	5	Unknown	Unknown	Unknown	5
	# of Poles Set	48	11	Unknown	Unknown	33	Unknown	Unknown	Unknown	10
	# of Cross-arms Replaced	250	11	Unknown	Unknown	5	Unknown	Unknown	Unknown	25
	Total Cost	\$2,105,065	\$1,150,000	\$1,489,292	\$1,000,796	\$930,668	\$1,922,639	\$1,501,777	\$1,865,469	\$150,000
State Wide	Event Name	December 11-24, 2008 Ice Storm	February 25-March 4, 2010 Windstorm	Oct 29-Nov 4, 2011 Nor'easter (snow)	Oct 29-Nov 4 2017 Severe Rain and Wind Event	Nov 26 - Dec 1 2014 Thanksgiving Eve Snowstorm	Oct 26 - 31 2012 Hurricane Sandy	Aug 28 - Sept 1 2011 Tropical Storm Irene		
	Concurrent Peak Customers Affected	432,632	337,542	299,235	308,851	246,398	190,000	184,701		
	% of Concurrent Customers Affected	63%	50%	43%	42%	35%	27%	27%		
	Duration of Restoration (hrs)	312	144	159	159	114	108	79		
	Non Concurrent Peak Customers Affected	434,828	384,082	323,949	317,125	274,142	200,707	187,905		
	% of NonConcurrent Customers Affected	63%	57%	47%	44%	39%	29%	27%		
	# of Restoration Crews (ex Tree/Dmg Assrs)*	988	667	511	861	933	571	610		
	Wire Reattached/Replaced (ft)*	667,351	Incomplete Data	Incomplete Data	135,131	122,222	Incomplete Data	Incomplete Data		
	# of Transformers Replaced*	1,482	Incomplete Data	Incomplete Data	558	151	Incomplete Data	Incomplete Data		
	# of Poles Set*	969	Incomplete Data	Incomplete Data	659	95	Incomplete Data	Incomplete Data		
# of Cross-arms Replaced*	1,864	Incomplete Data	Incomplete Data	611	232	Incomplete Data	Incomplete Data			
Total Cost*	\$78,983,946	\$34,337,774	\$20,429,067	\$41,187,955	\$30,020,643	\$17,883,701	\$10,624,287			

* Totals taken from values on this spreadsheet