



**Liberty Utilities (Granite State Electric) Corp.
d/b/a Liberty Utilities**

**ANNUAL STORM FUND REPORT
CALENDAR YEAR 2015**

March 30, 2016

**Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Annual Storm Fund Report
Calendar Year 2015**

Introduction

Liberty Utilities (Granite State Electric) Corp. (“Liberty Utilities” or the “Company”) is submitting its Annual Storm Fund Recovery Report for 2015 in compliance with the Settlement Agreement in Docket No. DG 06-107, approved by Order No. 24,777. Consistent with the Settlement Agreement, this report: (1) provides a description of the one major storm experienced in 2015; (2) provides a summary of the extent of the damage to the distribution system, including the number of outages and length of outages associated with that storm; (3) details the collections credited to the storm fund; and (4) provides the details of any qualifying storm costs that were charged to the fund during calendar year 2015.

Annual Report of Storm Fund Activity

Included in this report is the annual storm fund activity, pending final approval of storm costs incurred during calendar year 2015. This report shows the opening balance of the storm fund, monthly collections, including those in base rates and the Storm Recovery Adjustment Factor, monthly interest applied, qualifying storm costs charged to the storm fund, and the closing balance of the storm fund (Attachment 1).

Attachment 2 shows the monthly detail of the storm-related charges applied to the storm fund during calendar year 2015 by individual storm event. Detailed descriptions and costs related to these qualifying storm fund storm events, including pre-storm staging charges, are provided in Attachment 3.

Attachment 1 – 2015 Annual Storm Fund Accounting

Attachment 2 – 2015 Monthly Accounting for storm events

Attachment 3 – Table 1 – Annual Report of Storm Fund Activity

Table 2 – August 3, 2015 O&M Restoration Costs

Table 3 – August 3, 2015 Snow Storm Event Outages

Table 4 – January 26, 2015 Storm Event Pre-Staging Charges

Table 5 – February 13, 2015 Storm Event Pre-Staging Charges

Table 6 – January 26, 2015 Snow Storm Event EII Table

Table 7 – February 13, 2015 Snow Storm Event EII Table

**Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Annual Storm Fund Report
August 3, 2015 Storm**

In accordance with the operational reporting requirements found in § 5 of Exhibit GSE-7 of the Rate Plan Settlement in Docket No. DG 06-107, the Company is providing a description of the August 3, 2015, storm and a summary of the extent of the damage to the distribution system, including the number of outages and length of outages.

1. Description of the Storm

The August 3, 2015, storm impacted approximately 5,367 customers in New Hampshire causing interruptions in 9 of the 21 New Hampshire communities served by the Company. Despite the damage and large number of customer interruptions, Liberty Utilities led a successful storm restoration effort and was able to restore all of its customers by August 4, 2015.

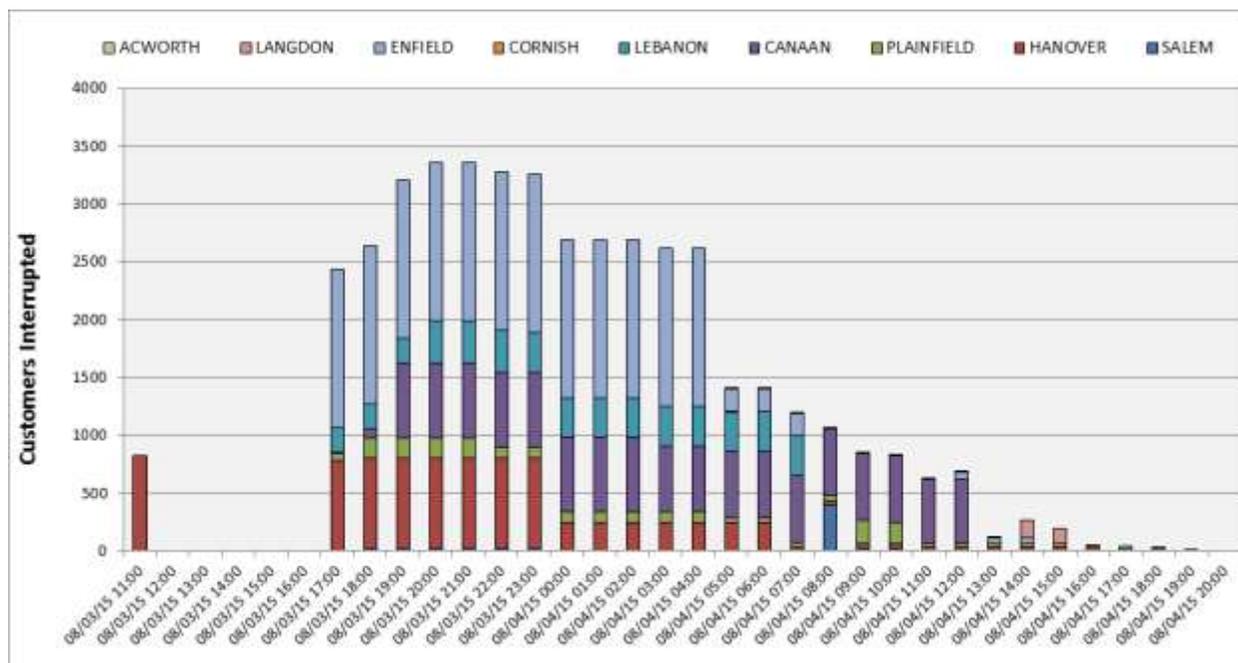
Overnight (Monday, August 3, 2015, into Tuesday August 4, 2015), heavy rain and strong winds interrupted service to over 5,367 customers in New Hampshire. The winds toppled trees bringing down utility poles and power lines. In New Hampshire, the outages were concentrated in the communities of Enfield, Hanover, and Lebanon; however, the storm impacted customers in 9 of the 21 New Hampshire communities serviced by Liberty Utilities.

2. Summary of the Extent of the Storm Damage

Due to the wind gusts, a number of customers were without power from August 3, 2015, through August 4, 2015. See Figure 1 for peak outages by town.

At the peak, on August 3, 2015, at 8 p.m., approximately 3,350 customers were interrupted (see Figure 1). In response to these peak outages, additional internal crews were called in and additional external contractor line crews were procured. In response to these peak outages, there were a total of 13 restoration crews which included internal line crews and external contractor line crews. The external contractor line crews were mobilized by the morning of August 4, 2015. Liberty Utilities also mobilized a peak of 6 contractor tree crews.

Figure 1



Eighty percent of customers were restored by August 4, 2015, at approximately 12 p.m. All remaining customers were restored by August 4, 2015, at approximately 8 p.m.

In all, Liberty Utilities experienced over 5,367 total customers interrupted during the August 3, 2015, storm. Liberty Utilities reviewed the interruption data stored in the OMS System, Responder, and determined that the storm event qualified as a major storm since approximately 59 trouble incidents occurred. For purposes of the storm fund, the PUC defines a major storm as “a severe weather event or events causing 30 concurrent troubles and 15% of customers interrupted, or 45 concurrent troubles.”

3. Details of Qualifying Costs Charged to the Storm Fund in 2015

Attachment 3, Table 3, and Attachment 3, Table 4 detail the event outages and preliminary costs associated with the August 3, 2015, storm event that were charged to the storm fund during calendar year 2015.

Attachment 3, Table 5, and Attachment 3, Table 6 detail the pre-staging costs associated with storm planning for both the January 26, 2015, and February 13, 2015, storm events. These events had an EEI forecast of 3, with a high probability.

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Monthly Accounting for Storm Events
For the Year Ended December 31, 2015

Line	Month	Snow Storm Jan 26-27 2015	Valentine's Day Feb 13-14 2015	Qualifying Storm Event Aug 3-4 2015	Total Costs
(a)	(b)	(c)	(d)	(e)	(i)
1	January-15	\$ 24.86	\$ -	\$ -	\$ 24.86
2	February	41,398.96	504.72		41,903.68
3	March	13,161.78	3,308.58		16,470.36
4	April	-	-		-
5	May	-	-		-
6	June	-	-		-
7	July	-	-		-
8	August	-	-		-
9	September	29,504.02	-		29,504.02
10	October	-	-		-
11	November	-	-		-
12	December-15	<u>(23,029.37)</u>	<u>6,667.38</u>	<u>54,339.39</u>	<u>37,977.40</u>
13					
14	Year Ended 12/31/15	\$ 61,060.25	\$ 10,480.68	\$ 54,339.39	\$ 125,880.32

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Annual Report of Storm Fund Activity
For the Year Ended December 31, 2015
Table 1

Line No.	Description	Jan-15	Feb-15	Mar-15	Sep-15	Dec-15	Total Costs
1	Payroll charges including payroll overheads for GSE Employees	\$ -	\$ 21,950.46	\$ -	\$ 29,504.02	\$ (23,431.07)	\$ 28,023.41
2		-	-	-	-	-	-
3	Charges for Transportation on GSE vehicles	-	775.93	-	-	500.54	1,276.47
4		-	-	-	-	-	-
5	Charges from outside companies	-	19,008.39	16,420.96	-	60,907.93	96,337.28
6		-	-	-	-	-	-
7	Charges for Materials and Supplies	-	-	-	-	-	-
8		-	-	-	-	-	-
9	Charges for employee expenses	24.86	168.90	49.40	-	-	243.16
10							
11							
12							
13	Total	\$ 24.86	\$ 41,903.68	\$ 16,470.36	\$ 29,504.02	\$ 37,977.40	\$ 125,880.32

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Total O&M Staging Costs Qualifying Storm Event August 3-4, 2015
January 1, 2015 Through December 31, 2015

Table 2

Line No.	Description	Dec-15	Total Staging Costs
1	Payroll charges including payroll overheads for GSE Employees	\$18,430.72	\$18,430.72
2			
3	Charges for Transportation on GSE vehicles	375.92	375.92
4			
5	Charges from outside companies	35,532.75	35,532.75
6			
7	Charges for Materials and Supplies	-	-
8			
9	Charges for employee expenses	-	-
10			
11			
12			
13	Total	<u>\$54,339.39</u>	<u>\$54,339.39</u>

**Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Annual Report of Storm Fund Activity
August 3, 2015 Snow Storm Event Outages**

Table 3

<u>ID</u>	<u>Feeder</u>	<u>Date</u>	<u>From</u>	<u>To</u>	<u>Elapsed</u>	<u>Hr</u>	<u>Min</u>	<u>CI</u>	<u>CMI</u>	<u>Town</u>	<u>Comments</u>	<u>Cause</u>	
1	23067	16L1	8/3/2015	10:31	11:36	1:05	1	5	821	49,279	Hanover	Pole top recloser P1.5 Greensboro Rd locked out due to fallen tree limbs at P11 Etna Rd.	Tree - Broken Limb
2	23084	18L3	8/3/2015	14:33	17:59	3:26	3	26	2	412	Salem	Blown transformer fuse P5 Industrial Way. Cause unknown	Unknown
3	23085	12L1	8/3/2015	15:15	15:26	0:10	0	10	1	10	Walpole	Replaced service wires West St due to flickering lights.	Unknown
4	23086	10L2	8/3/2015	15:16	23:31	8:15	8	15	1	495	Salem	Tree limbs on primary wires Cole St	Tree - Broken Limb
5	23088	16L1	8/3/2015	17:15	23:16	6:01	6	1	536	193,496	Hanover	Pole top recloser P10 Etna Rd due to multiple tree limbs along Etna Rd	Tree - Broken Limb
6	23100	6L3	8/3/2015	17:31	5:29	11:58	11	58	1	718	Hanover	Tree limbs on primary wires River Rd	Tree - Broken Limb
7	23229	39L2	8/3/2015	17:29	10:57	5:00	5	0	45	31,050	Plainfield	Blown line fuse P91.5 Rt.12A due to tree limbs on primary wires.	Tree - Broken Limb
8	23126	6L3	8/3/2015	17:38	12:40	19:01	19	1	1	1,141	Hanover	Fallen tree limbs Lyme Rd.	Tree - Broken Limb
9	23151	6L3	8/3/2015	17:58	15:33	21:34	21	34	1	1,294	Hanover	Tree limbs on primary wires Goodfellow Rd and Rt 10	Tree - Broken Limb
10	23158	7L1	8/3/2015	17:50	4:25	10:34	10	34	13	8,242	Canaan	Blown 25k line fuse P17 South Rd due to tree limbs on primary wires.	Tree - Broken Limb
11	23159	1L2	8/3/2015	18:01	9:46	15:45	15	45	1	945	Plainfield	Replaced service wires due to fallen tree limbs North River Rd	Tree - Broken Limb
12	23178	1L1	8/3/2015	17:39	22:34	4:55	4	55	23	6,785	Lebanon	Blown 25k line fuse P19 Stevens Rd due to tree limbs on primary wires at P49.	Tree - Broken Limb
13	23191	1L2	8/3/2015	18:05	2:05	7:59	7	59	1	479	Cornish	Replaced service wires due to fallen tree limbs at Burr Rd	Tree - Broken Limb
14	23195	1L2	8/3/2015	18:08	2:25	8:17	8	17	1	497	Cornish	Tree limbs on primary service wires Burr Rd	Tree - Broken Limb
15	23196	39L2	8/3/2015	18:12	16:24	10:11	10	11	2	4,102	Lebanon	Blown transformer fuse Hall Rd due to tree limbs on primary wires. Replaced service wires.	Tree - Broken Limb
16	23200	39L2	8/3/2015	17:34	20:00	2:26	2	26	187	27,302	Lebanon	Blown 65k line fuses (2 of 3) P19 Poverty Lane Rd due to lightning	Lightning
17	23206	1L2	8/3/2015	18:18	12:30	18:11	18	11	22	24,002	Plainfield	Blown 40k line fuse P144 Rt 120 due to multiple tree limbs contacting primary wires along	Tree - Broken Limb
18	23210	1L2	8/3/2015	18:01	22:00	3:59	3	59	76	18,164	Plainfield	Blown 40k line fuse P27-50 Methodist Hill Rd due to tree limbs contacting primary wires at	Tree - Broken Limb
19	23214	6L3	8/3/2015	18:27	5:35	11:08	11	8	1	668	Hanover	Tree leaning on service wires at River Rd	Tree - Broken Limb
20	23217	18L4	8/3/2015	18:28	23:21	4:53	4	53	26	7,618	Salem	Blown 25k line fuse P41 Brookdale Rd due to fallen tree at P3 Jewell Ave.	Tree Fell
21	23221	39L2	8/3/2015	18:45	13:21	18:35	18	35	1	1,115	Lebanon	Unknown trouble call Plainfield Rd.	Unknown
22	23225	6L3	8/3/2015	18:53	7:01	12:08	12	8	1	728	Hanover	Tree limbs on primary wires Low Rd	Tree - Broken Limb
23	23226	6L3	8/3/2015	17:24	10:07	16:42	16	42	34	34,068	Hanover	Blown 40k line fuse P108 Lyme Rd after fallen tree broke poles 19 and 21 at Pinneo Hill Rd.	Tree Fell
24	23228	1L2	8/3/2015	18:56	14:45	19:48	19	48	3	3,564	Plainfield	Blown 25k line fuse P7 Bean Rd due to fallen tree at P1 Flatiron Rd.	Tree Fell
25	23232	7L2	8/3/2015	19:14	2:30	7:16	7	16	1	436	Enfield	Replaced service wires due to fallen tree limbs Brandon Lane.	Tree - Broken Limb
26	23237	1L2	8/3/2015	19:12	14:15	19:02	19	2	1	1,142	Enfield	Replaced service wires at Shaker Blvd due to fallen tree limbs.	Tree - Broken Limb
27	23238	6L3	8/3/2015	17:22	6:30	13:07	13	7	209	164,483	Hanover	Blown 40k line fuses (3 of 3) P129 Lyme Rd due to multiple tree limbs down.	Tree - Broken Limb
28	23239	1L2	8/3/2015	19:16	17:02	21:46	21	46	1	1,306	Plainfield	Replaced service wires due to fallen tree limbs Bonner Rd	Tree Fell
29	23240	39L2	8/3/2015	18:42	9:15	14:32	14	32	19	16,568	Plainfield	Blown 25k line fuse P55 River Rd due to fallen tree limbs at Freeman Rd	Tree - Broken Limb
30	23241	7L1	8/3/2015	19:23	15:56	20:33	20	33	1	1,233	Canaan	Replaced service wires due to fallen tree limbs Gristmill Hill Rd	Tree - Broken Limb
31	23245	7L1	8/3/2015	19:41	2:05	6:23	6	23	1	383	Enfield	Replaced service wires due to fallen tree limbs at Ibey Rd	Tree - Broken Limb
32	23248	7L1	8/3/2015	17:59	2:05	8:06	8	6	76	36,936	Canaan	Blown 25k line fuse P47 Sawyer Rd due to fallen tree at P49.	Tree Fell
33	23260	1L2	8/3/2015	21:24	2:05	4:40	4	40	1	280	Enfield	Replaced service wires due to fallen tree limbs at Bassy Ln	Tree - Broken Limb
34	23263	7L1	8/3/2015	18:17	13:30	19:13	19	13	1	1,153	Canaan	Replaced service wires due to fallen tree limbs at Route 4	Tree - Broken Limb
35	23264	16L1	8/3/2015	22:32	17:48	19:15	19	15	1	1,155	Hanover	Tree limbs on primary wires King Rd and Etna Rd.	Tree - Broken Limb
36	23265	1L2	8/3/2015	22:23	4:00	5:36	5	36	1	336	Plainfield	Single customer outage Bean Rd. Cause Unknown	Unknown
37	23266	16L1	8/3/2015	23:06	15:22	16:16	16	16	1	976	Hanover	Trouble call. Cause Unknown	Unknown
38	23267	11L1	8/3/2015	23:26	13:27	14:00	14	0	1	840	Lebanon	Service Wires came apart at Mascoma St. Cause unknown	Unknown
39	23269	7L2	8/3/2015	17:42	2:05	8:22	8	22	196	98,392	Enfield	Blown 65k line fuse P1-5 Lockehaven Rd due to 47 Sawyer Rd due to fallen tree limbs.	Tree - Broken Limb
40	23270	1L1	8/3/2015	20:00	7:03	11:03	11	3	338	224,094	Lebanon	1L1 Circuit breaker locked out due to fallen tree limbs at P42-50 in the ROW.	Tree - Broken Limb
41	23272	7L2	8/3/2015	17:45	4:48	11:02	11	2	1368	905,616	Enfield	7L2 Circuit breaker locked out due to multiple fallen tree limbs.	Tree - Broken Limb
42	23273	12L1	8/4/2015	5:42	14:25	8:42	8	42	8	4,176	Langdon	Blown 25k line fuse P10 Rt 12A due to fallen tree at P1 Russell Rd.	Tree Fell
43	23275	39L2	8/4/2015	6:12	6:48	0:36	0	36	2	72	Plainfield	Blown transformer fuse Beauty Hill Rd due to fallen tree limbs at P5.	Tree - Broken Limb
44	23276	39L2	8/4/2015	6:26	6:48	0:22	0	22	1	22	Plainfield	Blown transformer fuse Old County Rd due to fallen tree limbs.	Tree - Broken Limb
45	23280	1L2	8/4/2015	7:11	14:03	6:51	6	51	1	411	Plainfield	Tree limbs on primary wires Rt 120	Tree - Broken Limb
46	23284	1L2	8/4/2015	7:30	18:39	11:08	11	8	1	668	Enfield	Replaced service wires due to fallen tree limbs at Shaker Hill Rd	Tree - Broken Limb
47	23286	13L3	8/4/2015	8:23	8:52	0:29	0	29	373	10,817	Salem	Pole top recloser P6 School St locked out (2 of 3) due to lightning.	Lightning

<u>ID</u>	<u>Feeder</u>	<u>Date</u>	<u>From</u>	<u>To</u>	<u>Elapsed</u>	<u>Hr</u>	<u>Min</u>	<u>CI</u>	<u>CMI</u>	<u>Town</u>	<u>Comments</u>	<u>Cause</u>	
48	23297	13L3	8/4/2015	8:25	10:50	2:25	2	25	26	3,770	Salem	Blown 25k line fuses (2 of 3) P9 Park Ave due to fallen tree at P1.	Tree Fell
49	23302	7L2	8/4/2015	8:46	15:54	7:08	7	8	1	428	Enfield	Tree fell at Nichols Dr	Tree Fell
50	23305	1L2	8/4/2015	9:10	10:48	1:38	1	38	159	15,582	Plainfield	Manually opened 3-40k line fuses at P247 Rt 120 to make repairs after tree fell at P308.	Tree Fell
51	23307	6L3	8/4/2015	9:32	15:27	5:55	5	55	1	355	Hanover	Tree fell at Goodfellow Rd at two different locations	Tree Fell
52	23309	7L2	8/4/2015	9:36	17:29	7:53	7	53	1	473	Enfield	Tree fell at French Rd	Tree Fell
53	23312	7L1	8/4/2015	9:47	18:32	8:45	8	45	1	525	Enfield	Tree fell at Whitehouse Rd	Tree Fell
54	23323	7L1	8/3/2015	19:23	12:21	16:57	16	57	562	571,554	Canaan	Manually opened 3-100k fuses at P63 Route 4 to remove trees and wires down along Roberts Rd	Tree Fell
55	23328	1L2	8/4/2015	12:34	14:00	1:26	1	26	56	4,816	Enfield	Manually opened 15k line fuse at P20 Shaker Blvd to remove large trees at P33 and P65.	Tree Fell
56	23332	13L3	8/4/2015	10:55	13:52	2:57	2	57	1	177	Salem	Single Customer outage Bernice Ave. Inside Trouble	Unknown
57	23333	6L3	8/4/2015	14:20	17:55	3:35	3	35	1	215	Hanover	Re-tied service to pole at Barrymore Rd.	Tree - Broken Limb
58	23339	7L2	8/4/2015	14:38	15:34	0:56	0	56	138	7,728	Enfield	Manually opened 40k line fuse at P6-5 Crystal Lake due to fire on pole.	Tree Fell
59	23347	12L1	8/4/2015	17:32	19:50	2:18	2	18	16	2,208	Acworth	Blown 15k line fuse P221 Ball Rd due to broken tree limb contacting primary wires.	Tree - Broken Limb

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Total O&M Staging Costs Snow Storm January 26 - 27, 2015
January 1, 2015 Through December 31, 2015
Table 4

Line No.	Description	Jan-15	Feb-15	Mar-15	Sep-15	Dec-15	Total Staging Costs
1	Payroll charges including payroll overheads for GSE Employees	\$ -	\$ 21,445.74	\$ -	\$ 29,504.02	\$ (41,861.79)	\$ 9,087.97
2							
3	Charges for Transportation on GSE vehicles	-	775.93	-	-	124.62	900.55
4							
5	Charges from outside companies	-	19,008.39	13,112.38	-	18,707.80	50,828.57
6							
7	Charges for Materials and Supplies	-	-	-	-	-	-
8							
9	Charges for employee expenses	24.86	168.90	49.40	-	-	243.16
10							
11							
12							
13	Total	<u>\$ 24.86</u>	<u>\$ 41,398.96</u>	<u>\$ 13,161.78</u>	<u>\$ 29,504.02</u>	<u>\$ (23,029.37)</u>	<u>\$ 61,060.25</u>

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Total O&M Staging Costs Storm February 13-14, 2015
January 1, 2015 Through December 31, 2015
Table 5

Line No.	Description	Feb-15	Mar-15	Dec-15	Total Staging Costs
1	Payroll charges including payroll overheads for GSE Employees	\$ 504.72	\$ -	\$ -	\$ 504.72
2					
3	Charges for Transportation on GSE vehicles	-	-	-	-
4					
5	Charges from outside companies	-	3,308.58	6,667.38	9,975.96
6					
7	Charges for Materials and Supplies	-	-	-	-
8					
9	Charges for employee expenses	-	-	-	-
10					
11					
12					
13	Total	<u>\$ 504.72</u>	<u>\$ 3,308.58</u>	<u>\$ 6,667.38</u>	<u>\$ 10,480.68</u>

From: WeatherDelivery@telventdtn.com
To: [Leo Cody](#); [Robert Blank](#); [Pradip Chattopadhyay](#); [Sarah Finegan](#); [Constance Dwyer](#); [Kurt Demmer](#); [Stacy Hughes](#); [Kelli Wentzell](#); [Derek Reguera](#); [Kathleen Kelley](#); [Robert Mercier](#); [Gregory Clement](#); [David Sandrelli](#); [Jean Marie Kennamer](#); [John Ridge](#); [Russell McIntyre](#); [Kate Carbonneau](#); [Nicole Harris](#); [Christine Downing](#); [Matthew Minghella](#); [Devin Kieng](#); [Deanna Conde](#); metopsemail@telventdtn.com; [Emily Backels](#); [Michael Cooper](#); [John Pietrzyk](#); [John Shelley](#); Linda.Hollums@libertyutilities.com; [Peter LePoer](#); [Heath Lynch](#); [Jim Riordan](#); [Chris Brouillard](#); [Jennifer Adamez](#); [Matt Carter](#)
Subject: Liberty Utilities Electric EEI Table
Date: Monday, January 26, 2015 8:02:21 AM

Weather Forecast for Liberty Utilities

Liberty Forecast from Schneider Electric
 Date: January 26, 2015 Time: 8:00 AM EST
 Forecaster: Halvorson

EEI	NorthwestMonroe Bath NH	SouthernSalem Derry NH	Montauk NY	NorthernLebanon Hanover NH	WesternAlstead Charlestown NH
Day 1 WindSpeed	1	1	1	1	1
Day 1 WindGust	1	1	2	1	1
Day 1 Snow	4	4	4	4	4
Day 1 Ice	1	1	1	1	1
Day 1 Confidence	High	High	High	High	High
Day 2 WindSpeed	1	1	1	1	1
Day 2 WindGust	1	2	2	1	1
Day 2 Snow	4	4	4	4	4
Day 2 Ice	1	1	1	1	1
Day 2 Confidence	High	Medium	High	High	High
Day 3 WindSpeed	1	1	1	1	1
Day 3 WindGust	1	1	1	1	1
Day 3 Snow	1	1	1	1	1
Day 3 Ice	1	1	1	1	1
Day 3 Confidence	High	High	High	High	High
Day 4 WindSpeed	1	1	1	1	1
Day 4 Snow	1	1	1	1	1
Day 4 Ice	1	1	1	1	1
Day 4 Confidence	High	High	High	High	High
Day 5 WindSpeed	1	1	1	1	1
Day 5 Snow	1	1	1	1	1
Day 5 Ice	1	1	1	1	1
Day 5 Confidence	Medium	Medium	Medium	Medium	Medium
Day 6 WindSpeed	1	1	1	1	1
Day 6 Snow	1	1	1	1	1
Day 6 Ice	1	1	1	1	1
Day 6 Confidence	High	High	High	High	High

Day 7 WindSpeed	1	1	1	1	1
Day 7 Snow	1	1	1	1	1
Day 7 Ice	1	1	1	1	1
Day 7 Confidence	High	High	High	High	High
Day 8 WindSpeed	1	1	1	1	1
Day 8 Snow	1	1	1	1	1
Day 8 Ice	1	1	1	1	1
Day 9 WindSpeed	1	1	1	1	1
Day 9 Snow	1	1	1	1	1
Day 9 Ice	1	1	1	1	1
Day 10 WindSpeed	1	1	1	1	1
Day 10 Snow	1	1	1	1	1
Day 10 Ice	1	1	1	1	1

Schneider Electric Event Index Definition

Without Leaves (November 1 - March 31)

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>8 inches

	Wind Speed	Wind Gust	Ice	Snow	Confidence Levels	
EI 1	<40 mph	<45mph	&l t;1/10 inch	<6 inches	Low	<30% Chance
EI 2	>=45 mph	>=45 mph	>=1/10 inch	>=6 inches		
EI 3	>=50 mph	>=55 mph	>3/8 inch	Medium	>=30 to <60% Chance	
EI 4	>=60 mph	>=70 mph	>1/2 inch	>12 inches		
EI 5	>=70 mph	>=85 mph	>1 inch	>24 inches	High	>=60% Chance

From: WeatherDelivery@telventdn.com
To: [Leo Cody](#); [Robert Blank](#); [Pradip Chattopadhyay](#); [Sarah Finegan](#); [Constance Dwyer](#); [Kurt Demmer](#); [Stacy Hughes](#); [Kelli Wentzell](#); [Derek Reguera](#); [Kathleen Kelley](#); [Robert Mercier](#); [Gregory Clement](#); [David Sandrelli](#); [Jean Marie Kennamer](#); [John Ridge](#); [Russell McIntyre](#); [Kate Carbonneau](#); [Nicole Harris](#); [Christine Downing](#); [Matthew Minghella](#); [Devin Kieng](#); [Deanna Conde](#); metopsemail@telventdn.com; [Emily Backels](#); [Michael Cooper](#); [John Pietrzyk](#); [John Shelley](#); Linda.Hollums@libertyutilities.com; [Peter LePoer](#); [Heath Lynch](#); [Jim Riordan](#); [Chris Brouillard](#); [Jennifer Adamez](#); [Matt Carter](#)
Subject: Liberty Utilities Electric EEI Table
Date: Friday, February 13, 2015 4:02:34 PM

Weather Forecast for Liberty Utilities

Liberty Forecast from Schneider Electric
 Date: February 13, 2015 Time: 4:00 PM EST
 Forecaster: Buck

EEI	Northwest Monroe Bath NH	Southern Salem Derry NH	Montauk NY	Northern Lebanon Hanover NH	Western Alstead Charlestown NH
Day 1 WindSpeed	1	1	1	1	1
Day 1 WindGust	1	1	1	1	1
Day 1 Snow	1	1	1	1	1
Day 1 Ice	1	1	1	1	1
Day 1 Confidence	High	High	High	High	High
Day 2 WindSpeed	1	1	1	1	1
Day 2 WindGust	1	1	1	1	1
Day 2 Snow	2	3	2	2	2
Day 2 Ice	1	1	1	1	1
Day 2 Confidence	High	High	High	High	High
Day 3 WindSpeed	1	1	1	1	1
Day 3 WindGust	1	2	3	1	1
Day 3 Snow	2	3	2	2	2
Day 3 Ice	1	1	1	1	1
Day 3 Confidence	Medium	Medium	Medium	Medium	Medium
Day 4 WindSpeed	1	1	1	1	1
Day 4 Snow	1	1	1	1	1
Day 4 Ice	1	1	1	1	1
Day 4 Confidence	High	High	High	High	High
Day 5 WindSpeed	1	1	1	1	1
Day 5 Snow	1	1	1	1	1
Day 5 Ice	1	1	1	1	1
Day 5 Confidence	Medium	Medium	Medium	Medium	Medium
Day 6 WindSpeed	1	1	1	1	1
Day 6 Snow	1	1	1	1	1
Day 6 Ice	1	1	1	1	1
Day 6 Confidence	Medium	Medium	Medium	Medium	Medium
Day 7 WindSpeed	1	1	1	1	1

Day 7 Snow	1	1	1	1	1
Day 7 Ice	1	1	1	1	1
Day 7 Confidence	High	High	High	High	High
Day 8 WindSpeed	1	1	1	1	1
Day 8 Snow	1	1	1	1	1
Day 8 Ice	1	1	1	1	1
Day 9 WindSpeed	1	1	1	1	1
Day 9 Snow	1	1	1	1	1
Day 9 Ice	1	1	1	1	1
Day 10 WindSpeed	1	1	1	1	1
Day 10 Snow	1	1	1	1	1
Day 10 Ice	1	1	1	1	1

Schneider Electric Event Index Definition
 Without Leaves (November 1 - March 31)
 < td class="style3">

>8 inches

	Wind Speed	Wind Gust	Ice	Snow	Confidence Levels	
EEI 1	<40 mph	<45mph	&l t;1/10 inch	<6 inches	Low	<30% Chance
EEI 2	>=45 mph	>=45 mph	>=1/10 inch	>=6 inches		
EEI 3	>=50 mph	>=55 mph	>3/8 inch	Medium	>=30 to <60% Chance	
EEI 4	>=60 mph	>=70 mph	>1/2 inch	>12 inches		
EEI 5	>=70 mph	>=85 mph	>1 inch	>24 inches	High	>=60% Chance