

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
APRIL 1, 2016 TO MARCH 31, 2017 RELIABILITY ENHANCEMENT PROGRAM
RECONCILIATION AND FORECASTED ACTIVITY THROUGH DECEMBER 31, 2017
JULY 1, 2017 TO DECEMBER 31, 2017 REP RATE CALCULATION

Line	Revenue Requirement	July 1, 2017 Total	July 1, 2017 Source
1	Operation & Maintenance Expense	\$ 1,860,000	Attachment CJG-2 Page 4
2	Return	5,317,335	Page 3, Line 23
3	Depreciation Expense	<u>2,868,202</u>	Page 5 & Page 39
4	Total Revenue Requirements	\$ 10,045,538	Line 1 + Line 2 + Line 3
5	Current REP Funding July 1, 2016	\$ (16,421,712)	(Per DE 09-035 4/29/16 Attachment CJG-1 Page 1, Line 5 + Line 8)
6	Removal of Wind Storm Amortization Funding	<u>\$ 3,010,000</u>	(Per DE 09-035 6/10/15 Attachment CJG-1 Page 1, Line 6)
7	Adjusted Annual Funding	\$ (13,411,712)	Line 5 + Line 6
8	July 17 to December 17 REP Funding	\$ (6,705,856)	Line 7 / 2
9	Current Filing Year Estimated (Over)/Under Recovery	\$ 3,339,682	Line 4 - Line 8
10	Prior Filing Year Estimated (Over)/Under Recovery	<u>\$ (1,014,038)</u>	Page 14, Line 14
11	Total Estimated (Over)/Under Recovery	\$ 2,325,644	Line 8 + Line 9
12	Forecasted MWh (July 2017 to December 2017)	3,990,098	Company Forecast
13	Average REP Distribution Adjustment (cents per kWh)	0.058	Line 11 / Line 12 / 10

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REP CAPITAL ADDITIONS FOR THE PERIOD JANUARY 1, 2016 TO DECEMBER 31, 2016
INCLUDING RETURN CALCULATION FOR JANUARY 1, 2016 TO DECEMBER 31, 2016

Line	Plant	Beginning Balance	Actual 2016 January	Actual 2016 February	Actual 2016 March	Actual 2016 April	Actual 2016 May	Actual 2016 June	Actual 2016 July	Actual 2016 August	Actual 2016 September	Actual 2016 October	Actual 2016 November	Actual 2016 December	Reference
1	Plant Account 303	\$8,637,120	\$ 8,637,120	\$ 8,637,120	\$ 8,637,120	\$ 8,637,120	\$ 8,637,120	\$ 8,637,120	\$ 9,320,568	\$ 10,193,325	\$ 10,619,310	\$ 11,667,697	\$ 11,449,495	\$ 12,567,336	Company Records / Attachment C3G-2
2	Plant Account 362	1,323,802	1,575,573	1,576,573	1,816,297	1,816,297	1,816,494	2,520,155	4,588,145	4,604,884	4,617,499	5,247,090	5,202,043	5,464,737	Company Records / Attachment C3G-2
3	Plant Account 364	3,838,423	3,964,271	4,157,705	4,521,996	4,695,867	5,195,537	6,043,542	7,156,031	7,707,380	8,024,820	8,302,056	8,491,492	8,595,397	Company Records / Attachment C3G-2
4	Plant Account 365	23,681,057	27,588,305	28,498,432	33,674,915	40,275,050	44,744,128	50,181,413	53,823,354	57,093,954	59,344,520	61,103,971	61,421,752	62,721,944	Company Records / Attachment C3G-2
5	Plant Account 366	1,089,848	1,102,785	1,278,502	1,335,554	1,398,317	1,470,933	1,703,655	1,873,186	1,917,869	1,979,510	1,962,671	1,941,891	1,950,220	Company Records / Attachment C3G-2
6	Plant Account 367	3,017,659	3,080,695	3,410,565	3,552,170	3,704,700	3,797,525	4,472,531	5,165,994	5,699,330	6,176,313	6,505,488	6,612,972	6,641,694	Company Records / Attachment C3G-2
7	Plant Account 368	16,403	16,403	17,498	17,517	17,517	19,212	29,453	35,535	35,552	49,221	56,311	56,054	58,113	Company Records / Attachment C3G-2
8	Plant Account 369	944,902	946,273	950,200	964,798	1,010,607	1,034,778	1,113,499	1,163,120	1,205,520	1,231,484	1,237,839	1,244,705	1,254,351	Company Records / Attachment C3G-2
9	Plant Account 371	134,825	134,825	134,825	134,825	134,825	134,825	134,825	134,825	134,825	134,825	134,825	134,825	134,825	Company Records
10	Plant Account 373	6,121	6,121	6,121	6,121	6,121	6,121	6,121	6,121	6,121	6,121	6,121	6,121	6,121	Company Records
11	Plant Account 391	454,720	454,720	454,720	454,720	454,720	454,720	454,720	454,720	454,720	454,720	454,720	454,720	454,720	Company Records
12	Plant Account 397	202,486	202,486	202,486	202,486	202,486	202,486	424,502	429,197	430,547	430,804	434,903	1,082,363	1,085,212	Company Records
13	Total	\$43,347,366	\$47,709,578	\$49,324,746	\$55,318,517	\$62,353,625	\$67,513,878	\$75,721,536	\$84,150,797	\$89,484,028	\$93,069,148	\$97,113,693	\$98,098,435	\$100,934,669	Sum of Lines 1 through 12
14															
15	Accumulated Depreciation														
16	Total	(\$4,318,776)	(\$4,515,678)	(\$4,716,551)	(\$4,933,088)	(\$5,168,293)	(\$5,417,165)	(\$5,687,173)	(\$5,982,808)	(\$6,299,637)	(\$6,629,296)	(\$6,977,695)	(\$7,328,308)	(\$7,695,437)	Prior month - Page 6, Line 37
17															
18	Accumulated Deferred Income Taxes	\$ (8,279,218)	\$ (8,889,810)	\$ (9,512,719)	\$ (10,184,198)	\$ (10,913,569)	\$ (11,685,318)	\$ (12,522,613)	\$ (13,439,376)	\$ (14,421,861)	\$ (15,444,132)	\$ (16,524,515)	\$ (17,611,767)	\$ (18,750,233)	(Line 16: Current Month - Prior Month) / (Line 16: December - Beg Ba
19															* (Page 13, Line 4 - Line 3) + Line 18 Prior Month
20	Total Monthly Investment Base	\$30,749,372	\$34,304,091	\$35,095,476	\$40,201,231	\$46,271,763	\$50,411,396	\$57,511,750	\$64,728,612	\$68,762,531	\$70,995,720	\$73,611,482	\$73,158,360	\$74,488,999	Sum of Lines 13, 16 & 18
21	Monthly Return Rate		0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.87%	0.87%	0.87%	0.88%	0.88%	0.88%	Page 14: Line 4 / 12
22	Monthly Return		\$278,373	\$296,971	\$322,206	\$370,160	\$413,866	\$461,980	\$531,758	\$580,700	\$607,963	\$634,420	\$643,908	\$647,758	(Prior Month Line 20 + Curr Month Line 20) / 2 x Line 21
23	Annual Return													\$5,790,064	Line 22, Sum of January through December

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REP CAPITAL ADDITIONS FOR THE PERIOD JANUARY 1, 2017 TO DECEMBER 31, 2017
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Line	Plant	Beginning Balance	Actual 2017 January	Actual 2017 February	Actual 2017 March	Forecast 2017 April	Forecast 2017 May	Forecast 2017 June	Forecast 2017 July	Forecast 2017 August	Forecast 2017 September	Forecast 2017 October	Forecast 2017 November	Forecast 2017 December	Reference
1	Plant Account 303	\$12,567,336	\$ 12,778,514	\$ 13,035,859	\$ 13,918,714	\$ 13,918,714	\$ 13,918,714	\$ 13,918,714	\$ 13,918,714	\$ 13,918,714	\$ 13,918,714	\$ 13,918,714	\$ 13,918,714	\$ 13,918,714	Company Records / Attachment C.JG-2
2	Plant Account 362	5,464,737	5,466,564	5,494,027	5,494,212	6,014,771	6,535,331	7,055,890	7,057,859	7,059,829	7,061,798	7,063,767	7,065,737	7,067,706	Company Records / Attachment C.JG-2
3	Plant Account 364	8,595,397	8,825,710	9,290,008	9,642,261	10,376,794	11,111,327	11,845,860	11,976,417	12,106,974	12,237,531	12,793,461	13,030,361	13,160,918	Company Records / Attachment C.JG-2
4	Plant Account 365	62,721,944	63,206,374	64,317,473	66,229,665	71,714,533	77,199,402	82,684,270	83,742,768	84,801,266	85,859,764	88,438,086	89,876,540	90,935,038	Company Records / Attachment C.JG-2
5	Plant Account 366	1,950,220	2,213,453	2,224,319	2,232,868	2,375,543	2,518,217	2,660,891	2,660,994	2,661,096	2,661,199	2,665,545	2,666,708	2,666,811	Company Records / Attachment C.JG-2
6	Plant Account 367	6,641,694	6,779,334	6,816,701	6,829,699	7,305,526	7,781,353	8,257,180	8,258,751	8,260,322	8,261,893	8,280,667	8,286,539	8,288,110	Company Records / Attachment C.JG-2
7	Plant Account 368	58,113	58,094	75,269	75,262	82,609	89,956	97,303	98,505	99,706	100,908	102,109	103,311	104,512	Company Records / Attachment C.JG-2
8	Plant Account 369	1,254,351	1,265,276	1,277,032	1,279,016	1,320,816	1,362,615	1,404,414	1,406,157	1,407,900	1,409,642	1,444,741	1,454,823	1,456,566	Company Records / Attachment C.JG-2
9	Plant Account 371	134,825	134,825	134,825	134,825	134,825	134,825	134,825	134,825	134,825	134,825	134,825	134,825	134,825	Company Records
10	Plant Account 373	6,121	6,121	6,121	6,121	6,121	6,121	6,121	6,121	6,121	6,121	6,121	6,121	6,121	Company Records
11	Plant Account 391	454,720	454,720	454,720	454,720	454,720	454,720	454,720	454,720	454,720	454,720	454,720	454,720	454,720	Company Records
12	Plant Account 397	1,085,212	1,098,837	1,905,388	2,537,323	2,828,763	3,120,202	3,411,642	3,466,000	3,520,358	3,574,716	3,629,074	3,683,432	3,737,790	Company Records
13	Total	\$100,934,669	\$102,287,821	\$105,031,742	\$108,834,687	\$116,533,735	\$124,232,783	\$131,931,831	\$133,181,831	\$134,431,831	\$135,681,831	\$138,931,831	\$140,681,831	\$141,931,831	Sum of Lines 1 through 12
14															
15	Accumulated Depreciation														
16	Total	(\$7,695,437)	(\$8,067,550)	(\$8,450,729)	(\$8,852,652)	(\$9,274,881)	(\$9,717,416)	(\$10,180,258)	(\$10,646,553)	(\$11,116,300)	(\$11,589,499)	(\$12,071,479)	(\$12,558,243)	(\$13,048,460)	Prior month - Page 7, Line 37
17															
18	Accumulated Deferred Income Taxes	\$ (18,750,233)	\$ (19,249,368)	\$ (19,763,346)	\$ (20,302,465)	\$ (20,868,823)	\$ (21,462,419)	\$ (22,083,254)	\$ (22,708,719)	\$ (23,338,816)	\$ (23,973,544)	\$ (24,620,049)	\$ (25,272,971)	\$ (25,930,525)	(Line 16: Current Month - Prior Month) / (Line 16: December - Beg
19															Bal) * (Page 13, Line 5 - Line 4) + Line 18 Prior Month
20	Total Monthly Investment Base	\$74,488,999	\$74,970,903	\$76,817,667	\$79,679,569	\$86,390,031	\$93,052,947	\$99,668,319	\$99,826,559	\$99,976,715	\$100,118,788	\$102,240,303	\$102,850,616	\$102,952,846	Sum of Lines 13, 16 & 18
21	Monthly Return Rate		0.88%	0.88%	0.88%	0.88%	0.88%	0.88%	0.88%	0.88%	0.88%	0.88%	0.88%	0.88%	Page 14: Line 4 / 12
22	Monthly Return		\$655,367	\$665,578	\$686,225	\$728,198	\$786,839	\$845,063	\$874,765	\$876,117	\$877,399	\$887,324	\$899,303	\$902,427	(Prior Month Line 20 + Curr Month Line 20) / 2 x Line 21
23	Annual Return (July to December)													\$ 5,317,335	Line 22, Sum of July to December

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Line	Plant	Beginning Balance	Actual 2016 January	Actual 2016 February	Actual 2016 March	Actual 2016 April	Actual 2016 May	Actual 2016 June	Actual 2016 July	Actual 2016 August	Actual 2016 September	Actual 2016 October	Actual 2016 November	Actual 2016 December	Reference
1	Plant Account 303	\$ 8,637,120	\$ 8,637,120	\$ 8,637,120	\$ 8,637,120	\$ 8,637,120	\$ 8,637,120	\$ 8,637,120	\$ 9,320,568	\$ 10,193,325	\$ 10,619,310	\$ 11,667,697	\$ 11,449,495	\$ 12,567,336	Page 2: Current Month Line 1
2	Rate		1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	Company Records
3	Depreciation		\$ 94,289	\$ 94,289	\$ 94,289	\$ 94,289	\$ 94,289	\$ 94,289	\$ 101,750	\$ 111,277	\$ 115,927	\$ 127,372	\$ 124,990	\$ 137,193	Line 1 x Line 2
4	Plant Account 362	\$ 1,323,802	\$ 1,575,573	\$ 1,576,573	\$ 1,816,297	\$ 1,816,297	\$ 1,816,494	\$ 2,520,155	\$ 4,588,145	\$ 4,604,884	\$ 4,617,499	\$ 5,247,090	\$ 5,202,043	\$ 5,464,737	Page 2: Current Month Line 2
5	Rate		0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	Company Records
6	Depreciation		\$ 2,626	\$ 2,628	\$ 3,027	\$ 3,027	\$ 3,027	\$ 4,200	\$ 7,647	\$ 7,675	\$ 7,696	\$ 8,745	\$ 8,670	\$ 9,108	Line 4 x Line 5
7	Plant Account 364	\$ 3,838,423	\$ 3,964,271	\$ 4,157,705	\$ 4,521,996	\$ 4,695,867	\$ 5,195,537	\$ 6,043,542	\$ 7,156,031	\$ 7,707,380	\$ 8,024,820	\$ 8,302,056	\$ 8,491,492	\$ 8,595,397	Page 2: Current Month Line 3
8	Rate		0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	Company Records
9	Depreciation		\$ 10,604	\$ 11,122	\$ 12,096	\$ 12,561	\$ 13,898	\$ 16,166	\$ 19,142	\$ 20,617	\$ 21,466	\$ 22,208	\$ 22,715	\$ 22,993	Line 7 x Line 8
10	Plant Account 365	\$ 23,681,057	\$ 27,588,305	\$ 28,498,432	\$ 33,674,915	\$ 40,275,050	\$ 44,744,128	\$ 50,181,413	\$ 53,823,354	\$ 57,093,954	\$ 59,344,520	\$ 61,103,971	\$ 61,421,752	\$ 62,721,944	Page 2: Current Month Line 4
11	Rate		0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	Company Records
12	Depreciation		\$ 73,799	\$ 76,233	\$ 90,080	\$ 107,736	\$ 119,691	\$ 134,235	\$ 143,977	\$ 152,726	\$ 158,747	\$ 163,453	\$ 164,303	\$ 167,781	Line 10 x Line 11
13	Plant Account 366	\$ 1,089,848	\$ 1,102,785	\$ 1,278,502	\$ 1,335,554	\$ 1,398,317	\$ 1,470,933	\$ 1,703,655	\$ 1,873,186	\$ 1,917,869	\$ 1,979,510	\$ 1,962,671	\$ 1,941,891	\$ 1,950,220	Page 2: Current Month Line 5
14	Rate		0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	Company Records
15	Depreciation		\$ 1,470	\$ 1,705	\$ 1,781	\$ 1,864	\$ 1,961	\$ 2,272	\$ 2,498	\$ 2,557	\$ 2,639	\$ 2,617	\$ 2,589	\$ 2,600	Line 13 x Line 14
16	Plant Account 367	\$ 3,017,659	\$ 3,080,695	\$ 3,410,565	\$ 3,552,170	\$ 3,704,700	\$ 3,797,525	\$ 4,472,531	\$ 5,165,994	\$ 5,699,330	\$ 6,176,313	\$ 6,505,488	\$ 6,612,972	\$ 6,641,694	Page 2: Current Month Line 6
17	Rate		0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	Company Records
18	Depreciation		\$ 7,214	\$ 7,986	\$ 8,318	\$ 8,675	\$ 8,893	\$ 10,473	\$ 12,097	\$ 13,346	\$ 14,463	\$ 15,234	\$ 15,485	\$ 15,553	Line 16 x Line 17
19	Plant Account 368	\$ 16,403	\$ 16,403	\$ 17,498	\$ 17,517	\$ 17,517	\$ 19,212	\$ 29,453	\$ 35,535	\$ 35,552	\$ 49,221	\$ 56,311	\$ 56,054	\$ 58,113	Page 2: Current Month Line 7
20	Rate		0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	Company Records
21	Depreciation		\$ 34	\$ 36	\$ 36	\$ 36	\$ 40	\$ 61	\$ 74	\$ 74	\$ 103	\$ 117	\$ 117	\$ 121	Line 19 x Line 20
22	Plant Account 369	\$ 944,902	\$ 946,273	\$ 950,200	\$ 964,798	\$ 1,010,607	\$ 1,034,778	\$ 1,113,499	\$ 1,163,120	\$ 1,205,520	\$ 1,231,484	\$ 1,237,839	\$ 1,244,705	\$ 1,254,351	Page 2: Current Month Line 8
23	Rate		0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	Company Records
24	Depreciation		\$ 2,216	\$ 2,225	\$ 2,259	\$ 2,367	\$ 2,423	\$ 2,607	\$ 2,724	\$ 2,823	\$ 2,884	\$ 2,899	\$ 2,915	\$ 2,937	Line 22 x Line 23
25	Plant Account 371	\$ 134,825	\$ 134,825	\$ 134,825	\$ 134,825	\$ 134,825	\$ 134,825	\$ 134,825	\$ 134,825	\$ 134,825	\$ 134,825	\$ 134,825	\$ 134,825	\$ 134,825	Page 2: Current Month Line 9
26	Rate		0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	Company Records
27	Depreciation		\$ 742	\$ 742	\$ 742	\$ 742	\$ 742	\$ 742	\$ 742	\$ 742	\$ 742	\$ 742	\$ 742	\$ 742	Line 25 x Line 26
28	Plant Account 373	\$ 6,121	\$ 6,121	\$ 6,121	\$ 6,121	\$ 6,121	\$ 6,121	\$ 6,121	\$ 6,121	\$ 6,121	\$ 6,121	\$ 6,121	\$ 6,121	\$ 6,121	Page 2: Current Month Line 10
29	Rate		0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	Company Records
30	Depreciation		\$ 29	\$ 29	\$ 29	\$ 29	\$ 29	\$ 29	\$ 29	\$ 29	\$ 29	\$ 29	\$ 29	\$ 29	Line 28 x Line 29
31	Plant Account 391	\$ 454,720	\$ 454,720	\$ 454,720	\$ 454,720	\$ 454,720	\$ 454,720	\$ 454,720	\$ 454,720	\$ 454,720	\$ 454,720	\$ 454,720	\$ 454,720	\$ 454,720	Page 2: Current Month Line 11
32	Rate		0.64%	0.64%	0.64%	0.64%	0.64%	0.64%	0.64%	0.64%	0.64%	0.64%	0.64%	0.64%	Company Records
33	Depreciation		\$ 2,918	\$ 2,918	\$ 2,918	\$ 2,918	\$ 2,918	\$ 2,918	\$ 2,918	\$ 2,918	\$ 2,918	\$ 2,918	\$ 2,918	\$ 2,918	Line 31 x Line 32
34	Plant Account 397	\$ 202,486	\$ 202,486	\$ 202,486	\$ 202,486	\$ 202,486	\$ 202,486	\$ 424,502	\$ 429,197	\$ 430,547	\$ 430,804	\$ 434,903	\$ 1,082,363	\$ 1,085,212	Page 2: Current Month Line 12
35	Rate		0.48%	0.48%	0.48%	0.48%	0.48%	0.48%	0.48%	0.48%	0.48%	0.48%	0.48%	0.48%	Company Records
36	Depreciation		\$ 962	\$ 962	\$ 962	\$ 962	\$ 962	\$ 2,016	\$ 2,039	\$ 2,045	\$ 2,046	\$ 2,066	\$ 5,141	\$ 5,155	Line 34 x Line 35
37	Monthly Depreciation		\$ 196,902	\$ 200,874	\$ 216,537	\$ 235,205	\$ 248,871	\$ 270,008	\$ 295,635	\$ 316,829	\$ 329,659	\$ 348,399	\$ 350,614	\$ 367,129	Sum of Lines 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36
38	Total Depreciation													\$ 3,376,662	Line 37: Sum of January to December

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1	Plant Account 303	\$ 12,567,336	\$ 12,778,514	\$ 13,035,859	\$ 13,918,714	\$ 13,918,714	\$ 13,918,714	\$ 13,918,714	\$ 13,918,714	\$ 13,918,714	\$ 13,918,714	\$ 13,918,714	\$ 13,918,714	\$ 13,918,714	Page 3: Current Month Line 1
2	Rate		1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	1.09%	Company Records
3	Depreciation		\$ 139,499	\$ 142,308	\$ 151,946	\$ 151,946	\$ 151,946	\$ 151,946	\$ 151,946	\$ 151,946	\$ 151,946	\$ 151,946	\$ 151,946	\$ 151,946	Line 1 x Line 2
4	Plant Account 362	\$ 5,464,737	\$ 5,466,564	\$ 5,494,027	\$ 5,494,212	\$ 6,014,771	\$ 6,535,331	\$ 7,055,890	\$ 7,057,859	\$ 7,059,829	\$ 7,061,798	\$ 7,063,767	\$ 7,065,737	\$ 7,067,706	Page 3: Current Month Line 2
5	Rate		0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	0.17%	Company Records
6	Depreciation		\$ 9,111	\$ 9,157	\$ 9,157	\$ 10,025	\$ 10,892	\$ 11,760	\$ 11,763	\$ 11,766	\$ 11,770	\$ 11,773	\$ 11,776	\$ 11,780	Line 4 x Line 5
7	Plant Account 364	\$ 8,595,397	\$ 8,825,710	\$ 9,290,008	\$ 9,642,261	\$ 10,376,794	\$ 11,111,327	\$ 11,845,860	\$ 11,976,417	\$ 12,106,974	\$ 12,237,531	\$ 12,793,461	\$ 13,030,361	\$ 13,160,918	Page 3: Current Month Line 3
8	Rate		0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	Company Records
9	Depreciation		\$ 23,609	\$ 24,851	\$ 25,793	\$ 27,758	\$ 29,723	\$ 31,688	\$ 32,037	\$ 32,386	\$ 32,735	\$ 34,223	\$ 34,856	\$ 35,205	Line 7 x Line 8
10	Plant Account 365	\$ 62,721,944	\$ 63,206,374	\$ 64,317,473	\$ 66,229,665	\$ 71,714,533	\$ 77,199,402	\$ 82,684,270	\$ 83,742,768	\$ 84,801,266	\$ 85,859,764	\$ 88,438,086	\$ 89,876,540	\$ 90,935,038	Page 3: Current Month Line 4
11	Rate		0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	Company Records
12	Depreciation		\$ 169,077	\$ 172,049	\$ 177,164	\$ 191,836	\$ 206,508	\$ 221,180	\$ 224,012	\$ 226,843	\$ 229,675	\$ 236,572	\$ 240,420	\$ 243,251	Line 10 x Line 11
13	Plant Account 366	\$ 1,950,220	\$ 2,213,453	\$ 2,224,319	\$ 2,232,868	\$ 2,375,543	\$ 2,518,217	\$ 2,660,891	\$ 2,660,994	\$ 2,661,096	\$ 2,661,199	\$ 2,665,545	\$ 2,666,708	\$ 2,666,811	Page 3: Current Month Line 5
14	Rate		0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	0.13%	Company Records
15	Depreciation		\$ 2,951	\$ 2,966	\$ 2,977	\$ 3,167	\$ 3,358	\$ 3,548	\$ 3,548	\$ 3,548	\$ 3,548	\$ 3,554	\$ 3,556	\$ 3,556	Line 13 x Line 14
16	Plant Account 367	\$ 6,641,694	\$ 6,779,334	\$ 6,816,701	\$ 6,829,699	\$ 7,305,526	\$ 7,781,353	\$ 8,257,180	\$ 8,258,751	\$ 8,260,322	\$ 8,261,893	\$ 8,280,667	\$ 8,286,539	\$ 8,288,110	Page 3: Current Month Line 6
17	Rate		0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	Company Records
18	Depreciation		\$ 15,875	\$ 15,962	\$ 15,993	\$ 17,107	\$ 18,221	\$ 19,336	\$ 19,339	\$ 19,343	\$ 19,347	\$ 19,391	\$ 19,404	\$ 19,408	Line 16 x Line 17
19	Plant Account 368	\$ 58,113	\$ 58,094	\$ 75,269	\$ 75,262	\$ 82,609	\$ 89,956	\$ 97,303	\$ 98,505	\$ 99,706	\$ 100,908	\$ 102,109	\$ 103,311	\$ 104,512	Page 3: Current Month Line 7
20	Rate		0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	Company Records
21	Depreciation		\$ 121	\$ 157	\$ 157	\$ 172	\$ 187	\$ 203	\$ 205	\$ 208	\$ 210	\$ 213	\$ 215	\$ 218	Line 19 x Line 20
22	Plant Account 369	\$ 1,254,351	\$ 1,265,276	\$ 1,277,032	\$ 1,279,016	\$ 1,320,816	\$ 1,362,615	\$ 1,404,414	\$ 1,406,157	\$ 1,407,900	\$ 1,409,642	\$ 1,444,741	\$ 1,454,823	\$ 1,456,566	Page 3: Current Month Line 8
23	Rate		0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	Company Records
24	Depreciation		\$ 2,963	\$ 2,990	\$ 2,995	\$ 3,093	\$ 3,191	\$ 3,289	\$ 3,293	\$ 3,297	\$ 3,301	\$ 3,383	\$ 3,407	\$ 3,411	Line 22 x Line 23
25	Plant Account 371	\$ 134,825	\$ 134,825	\$ 134,825	\$ 134,825	\$ 134,825	\$ 134,825	\$ 134,825	\$ 134,825	\$ 134,825	\$ 134,825	\$ 134,825	\$ 134,825	\$ 134,825	Page 3: Current Month Line 9
26	Rate		0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	Company Records
27	Depreciation		\$ 742	\$ 742	\$ 742	\$ 742	\$ 742	\$ 742	\$ 742	\$ 742	\$ 742	\$ 742	\$ 742	\$ 742	Line 25 x Line 26
28	Plant Account 373	\$ 6,121	\$ 6,121	\$ 6,121	\$ 6,121	\$ 6,121	\$ 6,121	\$ 6,121	\$ 6,121	\$ 6,121	\$ 6,121	\$ 6,121	\$ 6,121	\$ 6,121	Page 3: Current Month Line 10
29	Rate		0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	0.47%	Company Records
30	Depreciation		\$ 29	\$ 29	\$ 29	\$ 29	\$ 29	\$ 29	\$ 29	\$ 29	\$ 29	\$ 29	\$ 29	\$ 29	Line 28 x Line 29
31	Plant Account 391	\$ 454,720	\$ 454,720	\$ 454,720	\$ 454,720	\$ 454,720	\$ 454,720	\$ 454,720	\$ 454,720	\$ 454,720	\$ 454,720	\$ 454,720	\$ 454,720	\$ 454,720	Page 3: Current Month Line 11
32	Rate		0.64%	0.64%	0.64%	0.64%	0.64%	0.64%	0.64%	0.64%	0.64%	0.64%	0.64%	0.64%	Company Records
33	Depreciation		\$ 2,918	\$ 2,918	\$ 2,918	\$ 2,918	\$ 2,918	\$ 2,918	\$ 2,918	\$ 2,918	\$ 2,918	\$ 2,918	\$ 2,918	\$ 2,918	Line 31 x Line 32
34	Plant Account 397	\$ 1,085,212	\$ 1,098,837	\$ 1,905,388	\$ 2,537,323	\$ 2,828,763	\$ 3,120,202	\$ 3,411,642	\$ 3,466,000	\$ 3,520,358	\$ 3,574,716	\$ 3,629,074	\$ 3,683,432	\$ 3,737,790	Page 3: Current Month Line 12
35	Rate		0.48%	0.48%	0.48%	0.48%	0.48%	0.48%	0.48%	0.48%	0.48%	0.48%	0.48%	0.48%	Company Records
36	Depreciation		\$ 5,219	\$ 9,051	\$ 12,052	\$ 13,437	\$ 14,821	\$ 16,205	\$ 16,463	\$ 16,722	\$ 16,980	\$ 17,238	\$ 17,496	\$ 17,755	Line 34 x Line 35
37	Monthly Depreciation		\$ 372,113	\$ 383,179	\$ 401,922	\$ 422,229	\$ 442,535	\$ 462,842	\$ 466,295	\$ 469,747	\$ 473,200	\$ 481,980	\$ 486,764	\$ 490,217	Sum of Lines 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36
38	Total Depreciation													\$ 5,353,023	Line 37: Sum of January to December
39	Total Depreciation July to December													\$ 2,868,202	Line 37: Sum of July to December

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
APRIL 1, 2016 TO MARCH 31, 2017 RELIABILITY ENHANCEMENT PROGRAM
RECONCILIATION AND FORECASTED ACTIVITY THROUGH DECEMBER 31, 2017
2013 CAPITAL INVESTMENTS TAX DEPRECIATION

Line	Description	2013 Federal Tax Depreciation					2013 State Tax Depreciation				Reference
		2013 Vintage	Bonus Tax Depreciation Rate	Tax Depreciation Rate	Federal Depreciation Total	Accumulated Federal Depreciation	2013 Vintage	Tax Depreciation Rate	State Depreciation Total	Accumulated State Depreciation	
1	Plant Account 303	\$8,554,482	50.00%	2.78%	\$4,396,053	\$4,396,053	\$8,554,482	2.78%	\$237,624	\$237,624	Straight Line 36 Months
2	Plant Account 362	196,292	50.00%	3.75%	101,827	101,827	196,292	3.75%	7,361	7,361	MACRS 20 Years
3	Plant Account 364	1,278,258	50.00%	3.75%	663,096	663,096	1,278,258	3.75%	47,935	47,935	MACRS 20 Years
4	Plant Account 365	9,609,622	50.00%	3.75%	4,984,992	4,984,992	9,609,622	3.75%	360,361	360,361	MACRS 20 Years
5	Plant Account 366	541,076	50.00%	3.75%	280,683	280,683	541,076	3.75%	20,290	20,290	MACRS 20 Years
6	Plant Account 367	1,550,207	50.00%	3.75%	804,170	804,170	1,550,207	3.75%	58,133	58,133	MACRS 20 Years
7	Plant Account 368	11,411	50.00%	3.75%	5,919	5,919	11,411	3.75%	428	428	MACRS 20 Years
8	Plant Account 369	251,191	50.00%	3.75%	130,305	130,305	251,191	3.75%	9,420	9,420	MACRS 20 Years
9	Plant Account 371	61,458	50.00%	3.75%	31,881	31,881	61,458	3.75%	2,305	2,305	MACRS 20 Years
10	Plant Account 373	2,542	50.00%	3.75%	1,319	1,319	2,542	3.75%	95	95	MACRS 20 Years
11	Plant Account 391	-	50.00%	14.29%	-	-	-	14.29%	-	-	MACRS 7 Years
12	Plant Account 397	30,996	50.00%	14.29%	17,713	17,713	30,996	14.29%	4,429	4,429	MACRS 7 Years
13	Total Investment 2013	<u>\$22,087,536</u>			<u>\$11,417,958</u>	<u>\$11,417,958</u>	<u>\$22,087,536</u>		<u>\$748,381</u>	<u>\$748,381</u>	

Line	Description	2014 Federal Tax Depreciation					2014 State Tax Depreciation				Reference
		2013 Vintage	Bonus Tax Depreciation Rate	Tax Depreciation Rate	Federal Depreciation Total	Accumulated Federal Depreciation	2013 Vintage	Tax Depreciation Rate	State Depreciation Total	Accumulated State Depreciation	
14	Plant Account 303	\$4,277,241	n/a	33.33%	\$1,425,747	\$5,821,800	\$8,554,482	33.33%	\$2,851,494	\$5,940,612	Straight Line 36 Months
15	Plant Account 362	98,146	n/a	7.22%	7,085	108,912	196,292	7.22%	14,170	21,531	MACRS 20 Years
16	Plant Account 364	639,129	n/a	7.22%	46,139	709,235	1,278,258	7.22%	92,277	140,212	MACRS 20 Years
17	Plant Account 365	4,804,811	n/a	7.22%	346,859	5,331,851	9,609,622	7.22%	693,719	1,054,079	MACRS 20 Years
18	Plant Account 366	270,538	n/a	7.22%	19,530	300,213	541,076	7.22%	39,060	59,351	MACRS 20 Years
19	Plant Account 367	775,104	n/a	7.22%	55,955	860,125	1,550,207	7.22%	111,909	170,042	MACRS 20 Years
20	Plant Account 368	5,706	n/a	7.22%	412	6,331	11,411	7.22%	824	1,252	MACRS 20 Years
21	Plant Account 369	125,596	n/a	7.22%	9,067	139,372	251,191	7.22%	18,133	27,553	MACRS 20 Years
22	Plant Account 371	30,729	n/a	7.22%	2,218	34,099	61,458	7.22%	4,437	6,741	MACRS 20 Years
23	Plant Account 373	1,271	n/a	7.22%	92	1,410	2,542	7.22%	184	279	MACRS 20 Years
24	Plant Account 391	-	n/a	24.49%	-	-	-	24.49%	-	-	MACRS 7 Years
25	Plant Account 397	15,498	n/a	24.49%	3,795	21,508	30,996	24.49%	7,591	12,020	MACRS 7 Years
26	Total Investment 2013	<u>\$11,043,768</u>			<u>\$1,916,899</u>	<u>\$13,334,858</u>	<u>\$22,087,536</u>		<u>\$3,833,798</u>	<u>\$4,582,179</u>	

Line	Description	2015 Federal Tax Depreciation					2015 State Tax Depreciation				Reference
		2013 Vintage	Bonus Tax Depreciation Rate	Tax Depreciation Rate	Federal Depreciation Total	Accumulated Federal Depreciation	2013 Vintage	Tax Depreciation Rate	State Depreciation Total	Accumulated State Depreciation	
27	Plant Account 303	\$4,277,241	n/a	33.33%	\$1,425,747	\$7,247,547	\$8,554,482	33.33%	\$2,851,494	\$5,940,612	Straight Line 36 Months
28	Plant Account 362	98,146	n/a	6.68%	6,553	115,465	196,292	6.68%	13,106	34,638	MACRS 20 Years
29	Plant Account 364	639,129	n/a	6.68%	42,675	751,910	1,278,258	6.68%	85,349	225,561	MACRS 20 Years
30	Plant Account 365	4,804,811	n/a	6.68%	320,817	5,652,668	9,609,622	6.68%	641,634	1,695,714	MACRS 20 Years
31	Plant Account 366	270,538	n/a	6.68%	18,064	318,277	541,076	6.68%	36,128	95,478	MACRS 20 Years
32	Plant Account 367	775,104	n/a	6.68%	51,754	911,879	1,550,207	6.68%	103,507	273,550	MACRS 20 Years
33	Plant Account 368	5,706	n/a	6.68%	381	6,712	11,411	6.68%	762	2,014	MACRS 20 Years
34	Plant Account 369	125,596	n/a	6.68%	8,386	147,758	251,191	6.68%	16,772	44,325	MACRS 20 Years
35	Plant Account 371	30,729	n/a	6.68%	2,052	36,151	61,458	6.68%	4,104	10,845	MACRS 20 Years
36	Plant Account 373	1,271	n/a	6.68%	85	1,495	2,542	6.68%	170	449	MACRS 20 Years
37	Plant Account 391	-	n/a	17.49%	-	-	-	17.49%	-	-	MACRS 7 Years
38	Plant Account 397	15,498	n/a	17.49%	2,711	24,219	30,996	17.49%	5,421	17,441	MACRS 7 Years
39	Total Investment 2013	<u>\$11,043,768</u>			<u>\$1,879,224</u>	<u>\$15,214,081</u>	<u>\$22,087,536</u>		<u>\$3,758,448</u>	<u>\$8,340,627</u>	

Line	Description	2016 Federal Tax Depreciation					2016 State Tax Depreciation				Reference
		2013 Vintage	Bonus Tax Depreciation Rate	Tax Depreciation Rate	Federal Depreciation Total	Accumulated Federal Depreciation	2013 Vintage	Tax Depreciation Rate	State Depreciation Total	Accumulated State Depreciation	
40	Plant Account 303	\$4,277,241	n/a	30.56%	\$1,306,935	\$8,554,482	\$8,554,482	30.56%	\$2,613,869	\$8,554,482	Straight Line 36 Months
41	Plant Account 362	98,146	n/a	6.18%	6,062	121,528	196,292	6.18%	12,125	46,763	MACRS 20 Years
42	Plant Account 364	639,129	n/a	6.18%	39,479	791,389	1,278,258	6.18%	78,958	304,519	MACRS 20 Years
43	Plant Account 365	4,804,811	n/a	6.18%	296,793	5,949,461	9,609,622	6.18%	593,586	2,289,300	MACRS 20 Years
44	Plant Account 366	270,538	n/a	6.18%	16,711	334,988	541,076	6.18%	33,422	128,900	MACRS 20 Years
45	Plant Account 367	775,104	n/a	6.18%	47,878	959,757	1,550,207	6.18%	95,756	369,306	MACRS 20 Years
46	Plant Account 368	5,706	n/a	6.18%	352	7,065	11,411	6.18%	705	2,718	MACRS 20 Years
47	Plant Account 369	125,596	n/a	6.18%	7,758	155,516	251,191	6.18%	15,516	59,841	MACRS 20 Years
48	Plant Account 371	30,729	n/a	6.18%	1,898	38,049	61,458	6.18%	3,796	14,641	MACRS 20 Years
49	Plant Account 373	1,271	n/a	6.18%	79	1,574	2,542	6.18%	157	606	MACRS 20 Years
50	Plant Account 391	-	n/a	12.49%	-	-	-	12.49%	-	-	MACRS 7 Years
51	Plant Account 397	15,498	n/a	12.49%	1,936	26,154	30,996	12.49%	3,871	21,313	MACRS 7 Years
52	Total Investment 2013	<u>\$11,043,768</u>			<u>\$1,725,882</u>	<u>\$16,939,963</u>	<u>\$22,087,536</u>		<u>\$3,451,763</u>	<u>\$11,792,390</u>	

Line	Description	2017 Federal Tax Depreciation					2017 State Tax Depreciation				Reference
		2013 Vintage	Bonus Tax Depreciation Rate	Tax Depreciation Rate	Federal Depreciation Total	Accumulated Federal Depreciation	2013 Vintage	Tax Depreciation Rate	State Depreciation Total	Accumulated State Depreciation	
53	Plant Account 303	\$4,277,241	n/a	0.00%	\$0	\$8,554,482	\$8,554,482	0.00%	\$0	\$8,554,482	Straight Line 36 Months
54	Plant Account 362	\$98,146	n/a	5.71%	5,607	\$127,135	\$196,292	5.71%	11,214	\$57,977	MACRS 20 Years
55	Plant Account 364	\$639,129	n/a	5.71%	36,513	\$827,902	\$1,278,258	5.71%	73,027	\$377,546	MACRS 20 Years
56	Plant Account 365	\$4,804,811	n/a	5.71%	274,499	\$6,223,960	\$9,609,622	5.71%	548,998	\$2,838,298	MACRS 20 Years
57	Plant Account 366	\$270,538	n/a	5.71%	15,456	\$350,444	\$541,076	5.71%	30,912	\$159,812	MACRS 20 Years
58	Plant Account 367	\$775,104	n/a	5.71%	44,282	\$1,004,038	\$1,550,207	5.71%	88,563	\$457,869	MACRS 20 Years
59	Plant Account 368	\$5,706	n/a	5.71%	326	\$7,391	\$11,411	5.71%	652	\$3,370	MACRS 20 Years
60	Plant Account 369	\$125,596	n/a	5.71%	7,175	\$162,691	\$251,191	5.71%	14,351	\$74,192	MACRS 20 Years
61	Plant Account 371	\$30,729	n/a	5.71%	1,756	\$39,805	\$61,458	5.71%	3,511	\$18,152	MACRS 20 Years
62	Plant Account 373	\$1,271	n/a	5.71%	73	\$1,646	\$2,542	5.71%	145	\$751	MACRS 20 Years
63	Plant Account 391	\$0	n/a	8.93%	-	\$0	\$0	8.93%	-	\$0	MACRS 7 Years
64	Plant Account 397	\$15,498	n/a	8.93%	1,384	\$27,538	\$30,996	8.93%	2,768	\$24,081	MACRS 7 Years
65	Total Investment 2013	<u>\$11,043,768</u>			<u>\$387,070</u>	<u>\$17,327,033</u>	<u>\$22,087,536</u>		<u>\$774,141</u>	<u>\$12,566,531</u>	

Note: Rate based on half-year convention

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
APRIL 1, 2016 TO MARCH 31, 2017 RELIABILITY ENHANCEMENT PROGRAM
RECONCILIATION AND FORECASTED ACTIVITY THROUGH DECEMBER 31, 2017
2014 CAPITAL INVESTMENTS TAX DEPRECIATION

2014 Federal Tax Depreciation							2014 State Tax Depreciation				
Line	Description	2014 Vintage	Bonus Tax	Tax	Federal	Accumulated	2014 Vintage	Tax	State	Accumulated	Reference
			Depreciation Rate	Depreciation Rate	Depreciation Total	Federal Depreciation		Depreciation Rate	Depreciation Total	State Depreciation	
1	Plant Account 303	\$ 81,929	50.00%	16.67%	\$ 47,792	\$ 47,792	\$ 81,929	16.67%	\$ 13,655	\$ 13,655	Straight Line 36 Months
2	Plant Account 362	670,149	50.00%	3.75%	347,640	347,640	670,149	3.75%	25,131	25,131	MACRS 20 Years
3	Plant Account 364	2,001,158	50.00%	3.75%	1,038,101	1,038,101	2,001,158	3.75%	75,043	75,043	MACRS 20 Years
4	Plant Account 365	11,530,847	50.00%	3.75%	5,981,627	5,981,627	11,530,847	3.75%	432,407	432,407	MACRS 20 Years
5	Plant Account 366	550,708	50.00%	3.75%	285,680	285,680	550,708	3.75%	20,652	20,652	MACRS 20 Years
6	Plant Account 367	1,430,572	50.00%	3.75%	742,109	742,109	1,430,572	3.75%	53,646	53,646	MACRS 20 Years
7	Plant Account 368	9,822	50.00%	3.75%	5,095	5,095	9,822	3.75%	368	368	MACRS 20 Years
8	Plant Account 369	596,349	50.00%	3.75%	309,356	309,356	596,349	3.75%	22,363	22,363	MACRS 20 Years
9	Plant Account 371	74,146	50.00%	3.75%	38,463	38,463	74,146	3.75%	2,780	2,780	MACRS 20 Years
10	Plant Account 373	3,776	50.00%	3.75%	1,959	1,959	3,776	3.75%	142	142	MACRS 20 Years
11	Plant Account 391	454,682	50.00%	14.29%	259,828	259,828	454,682	14.29%	64,974	64,974	MACRS 7 Years
12	Plant Account 397	171,476	50.00%	14.29%	97,990	97,990	171,476	14.29%	24,504	24,504	MACRS 7 Years
13	Total Investment 2014	\$17,575,614			\$ 9,155,639	\$ 9,155,639	\$ 17,575,614		\$ 735,665	\$ 735,665	

2015 Federal Tax Depreciation							2015 State Tax Depreciation				
Line	Description	2014	Bonus Tax	Tax	Federal	Accumulated	2014	Tax	State	Accumulated	
		Vintage	Depreciation	Depreciation	Depreciation	Federal	Vintage	Depreciation	Depreciation	State	
		Rate	Rate	Rate	Total	Depreciation	Rate	Total	Total	Depreciation	
14	Plant Account 303	\$ 40,965	n/a	33.33%	\$ 13,655	\$ 61,447	\$ 81,929	33.33%	\$ 27,310	\$ 40,965	Straight Line 36 Months
15	Plant Account 362	335,074	n/a	7.22%	24,189	371,829	670,149	7.22%	48,378	73,509	MACRS 20 Years
16	Plant Account 364	1,000,579	n/a	7.22%	72,232	1,110,332	2,001,158	7.22%	144,464	219,507	MACRS 20 Years
17	Plant Account 365	5,765,424	n/a	7.22%	416,206	6,397,833	11,530,847	7.22%	832,412	1,264,819	MACRS 20 Years
18	Plant Account 366	275,354	n/a	7.22%	19,878	305,558	550,708	7.22%	39,756	60,407	MACRS 20 Years
19	Plant Account 367	715,286	n/a	7.22%	51,636	793,746	1,430,572	7.22%	103,273	156,919	MACRS 20 Years
20	Plant Account 368	4,911	n/a	7.22%	355	5,450	9,822	7.22%	709	1,077	MACRS 20 Years
21	Plant Account 369	298,174	n/a	7.22%	21,525	330,881	596,349	7.22%	43,050	65,413	MACRS 20 Years
22	Plant Account 371	37,073	n/a	7.22%	2,676	41,139	74,146	7.22%	5,353	8,133	MACRS 20 Years
23	Plant Account 373	1,888	n/a	7.22%	136	2,095	3,776	7.22%	273	414	MACRS 20 Years
24	Plant Account 391	227,341	n/a	24.49%	55,676	315,504	454,682	24.49%	111,352	176,326	MACRS 7 Years
25	Plant Account 397	85,738	n/a	24.49%	20,997	118,987	171,476	24.49%	41,994	66,498	MACRS 7 Years
26	Total Investment 2014	\$ 8,787,807			\$ 699,161	\$ 9,854,801	\$ 17,575,614		\$ 1,398,323	\$ 2,133,988	

2016 Federal Tax Depreciation							2016 State Tax Depreciation				
Line	Description	2014	Bonus Tax	Tax	Federal	Accumulated	2014	Tax	State	Accumulated	Reference
		Vintage	Depreciation	Depreciation	Depreciation	Federal	Vintage	Depreciation	Depreciation	State	
		Rate	Rate	Rate	Total	Depreciation		Rate	Total	Depreciation	
27	Plant Account 303	\$ 40,965	n/a	33.33%	\$ 13,655	\$ 75,102	\$ 81,929	33.33%	\$ 27,310	\$ 68,274	Straight Line 36 Months
28	Plant Account 362	335,074	n/a	6.68%	22,373	394,202	670,149	6.68%	44,746	118,254	MACRS 20 Years
29	Plant Account 364	1,000,579	n/a	6.68%	66,809	1,177,141	2,001,158	6.68%	133,617	353,124	MACRS 20 Years
30	Plant Account 365	5,765,424	n/a	6.68%	384,957	6,782,790	11,530,847	6.68%	769,915	2,034,733	MACRS 20 Years
31	Plant Account 366	275,354	n/a	6.68%	18,385	323,943	550,708	6.68%	36,771	97,178	MACRS 20 Years
32	Plant Account 367	715,286	n/a	6.68%	47,760	841,505	1,430,572	6.68%	95,519	252,439	MACRS 20 Years
33	Plant Account 368	4,911	n/a	6.68%	328	5,778	9,822	6.68%	656	1,733	MACRS 20 Years
34	Plant Account 369	298,174	n/a	6.68%	19,909	350,790	596,349	6.68%	39,818	105,232	MACRS 20 Years
35	Plant Account 371	37,073	n/a	6.68%	2,475	43,615	74,146	6.68%	4,951	13,084	MACRS 20 Years
36	Plant Account 373	1,888	n/a	6.68%	126	2,221	3,776	6.68%	252	666	MACRS 20 Years
37	Plant Account 391	227,341	n/a	17.49%	39,762	355,266	454,682	17.49%	79,524	255,850	MACRS 7 Years
38	Plant Account 397	85,738	n/a	17.49%	14,996	133,983	171,476	17.49%	29,991	96,490	MACRS 7 Years
39	Total Investment 2014	\$ 8,787,807			\$ 631,535	\$ 10,486,336	\$ 17,575,614		\$ 1,263,070	\$ 3,397,057	

2017 Federal Tax Depreciation							2017 State Tax Depreciation				
Line	Description	2014	Bonus Tax	Tax	Federal	Accumulated	2014	Tax	State	Accumulated	Reference
		Vintage	Depreciation	Depreciation	Depreciation	Federal	Vintage	Depreciation	Depreciation	State	
		Rate	Rate	Rate	Total	Depreciation	Rate	Total	Total	Depreciation	
40	Plant Account 303	\$ 40,965	n/a	16.67%	\$ 6,827	\$ 81,929	\$ 81,929	16.67%	\$ 13,655	\$ 81,929	Straight Line 36 Months
41	Plant Account 362	335,074	n/a	6.18%	20,698	414,899	670,149	6.18%	41,395	159,650	MACRS 20 Years
42	Plant Account 364	1,000,579	n/a	6.18%	61,806	1,238,947	2,001,158	6.18%	123,612	476,736	MACRS 20 Years
43	Plant Account 365	5,765,424	n/a	6.18%	356,130	7,138,920	11,530,847	6.18%	712,260	2,746,994	MACRS 20 Years
44	Plant Account 366	275,354	n/a	6.18%	17,009	340,952	550,708	6.18%	34,017	131,195	MACRS 20 Years
45	Plant Account 367	715,286	n/a	6.18%	44,183	885,688	1,430,572	6.18%	88,366	340,805	MACRS 20 Years
46	Plant Account 368	4,911	n/a	6.18%	303	6,081	9,822	6.18%	607	2,340	MACRS 20 Years
47	Plant Account 369	298,174	n/a	6.18%	18,418	369,208	596,349	6.18%	36,836	142,068	MACRS 20 Years
48	Plant Account 371	37,073	n/a	6.18%	2,290	45,905	74,146	6.18%	4,580	17,664	MACRS 20 Years
49	Plant Account 373	1,888	n/a	6.18%	117	2,337	3,776	6.18%	233	899	MACRS 20 Years
50	Plant Account 391	227,341	n/a	12.49%	28,395	383,661	454,682	12.49%	56,790	312,640	MACRS 7 Years
51	Plant Account 397	85,738	n/a	12.49%	10,709	144,691	171,476	12.49%	21,417	117,907	MACRS 7 Years
52	Total Investment 2014	\$ 8,787,807			\$ 566,885	\$ 11,053,220	\$ 17,575,614		\$ 1,133,769	\$ 4,530,827	

Note: Rate based on half-year convention

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
APRIL 1, 2016 TO MARCH 31, 2017 RELIABILITY ENHANCEMENT PROGRAM
RECONCILIATION AND FORECASTED ACTIVITY THROUGH DECEMBER 31, 2017
2015 CAPITAL INVESTMENTS TAX DEPRECIATION

2015 Federal Tax Depreciation							2015 State Tax Depreciation				
Line	Description	Bonus Tax		Tax	Federal	Accumulated Federal	2015	Tax	State	Accumulated State	Reference
		Depreciation	Rate	Depreciation	Rate			Depreciation	Rate		
		2015	Rate	Rate	Total	Depreciation	Vintage	Rate	Total	Depreciation	
1	Plant Account 303	\$ 708	50.00%	16.67%	\$ 413	\$ 413	\$ 708	16.67%	\$ 118	\$ 118	Straight Line 36 Months
2	Plant Account 362	457,361	50.00%	3.75%	237,256	237,256	457,361	3.75%	17,151	17,151	MACRS 20 Years
3	Plant Account 364	559,007	50.00%	3.75%	289,985	289,985	559,007	3.75%	20,963	20,963	MACRS 20 Years
4	Plant Account 365	2,540,588	50.00%	3.75%	1,317,930	1,317,930	2,540,588	3.75%	95,272	95,272	MACRS 20 Years
5	Plant Account 366	(1,936)	50.00%	3.75%	(1,004)	(1,004)	(1,936)	3.75%	(73)	(73)	MACRS 20 Years
6	Plant Account 367	36,880	50.00%	3.75%	19,131	19,131	36,880	3.75%	1,383	1,383	MACRS 20 Years
7	Plant Account 368	(4,830)	50.00%	3.75%	(2,505)	(2,505)	(4,830)	3.75%	(181)	(181)	MACRS 20 Years
8	Plant Account 369	97,362	50.00%	3.75%	50,507	50,507	97,362	3.75%	3,651	3,651	MACRS 20 Years
9	Plant Account 371	(778)	50.00%	3.75%	(404)	(404)	(778)	3.75%	(29)	(29)	MACRS 20 Years
10	Plant Account 373	(197)	50.00%	3.75%	(102)	(102)	(197)	3.75%	(7)	(7)	MACRS 20 Years
11	Plant Account 391	37	50.00%	14.29%	21	21	37	14.29%	5	5	MACRS 7 Years
12	Plant Account 397	14	50.00%	14.29%	8	8	14	14.29%	2	2	MACRS 7 Years
13	Total Investment 2015	\$ 3,684,217			\$ 1,911,236	\$ 1,911,236	\$ 3,684,217		\$ 138,255	\$ 138,255	

2016 Federal Tax Depreciation							2016 State Tax Depreciation				
Line	Description	2015	Bonus Tax	Tax	Federal	Accumulated	2015	Tax	State	Accumulated	Reference
		Vintage	Depreciation	Rate	Depreciation	Federal	Vintage	Depreciation	Depreciation	State	
			Rate		Total	Depreciation		Total	Depreciation	Depreciation	
14	Plant Account 303	\$ 354	n/a	33.33%	\$ 118	\$ 531	\$ 708	33.33%	\$ 236	\$ 354	Straight Line 36 Months
15	Plant Account 362	228,680	n/a	7.22%	16,508	253,764	457,361	7.22%	33,017	50,168	MACRS 20 Years
16	Plant Account 364	279,504	n/a	7.22%	20,177	310,162	559,007	7.22%	40,355	61,317	MACRS 20 Years
17	Plant Account 365	1,270,294	n/a	7.22%	91,703	1,409,632	2,540,588	7.22%	183,405	278,677	MACRS 20 Years
18	Plant Account 366	(968)	n/a	7.22%	(70)	(1,074)	(1,936)	7.22%	(140)	(212)	MACRS 20 Years
19	Plant Account 367	18,440	n/a	7.22%	1,331	20,463	36,880	7.22%	2,662	4,045	MACRS 20 Years
20	Plant Account 368	(2,415)	n/a	7.22%	(174)	(2,680)	(4,830)	7.22%	(349)	(530)	MACRS 20 Years
21	Plant Account 369	48,681	n/a	7.22%	3,514	54,021	97,362	7.22%	7,029	10,680	MACRS 20 Years
22	Plant Account 371	(389)	n/a	7.22%	(28)	(432)	(778)	7.22%	(56)	(85)	MACRS 20 Years
23	Plant Account 373	(98)	n/a	7.22%	(7)	(109)	(197)	7.22%	(14)	(22)	MACRS 20 Years
24	Plant Account 391	19	n/a	24.49%	5	26	37	24.49%	9	14	MACRS 7 Years
25	Plant Account 397	7	n/a	24.49%	2	10	14	24.49%	3	5	MACRS 7 Years
26	Total Investment 2015	\$ 1,842,108			\$ 133,079	\$ 2,044,315	\$ 3,684,217		\$ 266,157	\$ 404,413	

2017 Federal Tax Depreciation							2017 State Tax Depreciation				
Line	Description						Accumulated Federal Depreciation				
		2015 Vintage	Bonus Tax Depreciation Rate	Tax Depreciation Rate	Federal Depreciation Total	2015 Vintage		Tax Depreciation Rate	State Depreciation Total	Accumulated State Depreciation	
27	Plant Account 303	\$ 354	n/a	33.33%	\$ 118	\$ 649	\$ 708	33.33%	\$ 236	\$ 590	Straight Line 36 Months
28	Plant Account 362	228,680	n/a	6.68%	15,269	269,033	457,361	6.68%	30,538	80,706	MACRS 20 Years
29	Plant Account 364	279,504	n/a	6.68%	18,662	328,825	559,007	6.68%	37,325	98,642	MACRS 20 Years
30	Plant Account 365	1,270,294	n/a	6.68%	84,818	1,494,450	2,540,588	6.68%	169,635	448,312	MACRS 20 Years
31	Plant Account 366	(968)	n/a	6.68%	(65)	(1,139)	(1,936)	6.68%	(129)	(342)	MACRS 20 Years
32	Plant Account 367	18,440	n/a	6.68%	1,231	21,694	36,880	6.68%	2,462	6,508	MACRS 20 Years
33	Plant Account 368	(2,415)	n/a	6.68%	(161)	(2,841)	(4,830)	6.68%	(322)	(852)	MACRS 20 Years
34	Plant Account 369	48,681	n/a	6.68%	3,250	57,272	97,362	6.68%	6,501	17,181	MACRS 20 Years
35	Plant Account 371	(389)	n/a	6.68%	(26)	(458)	(778)	6.68%	(52)	(137)	MACRS 20 Years
36	Plant Account 373	(98)	n/a	6.68%	(7)	(116)	(197)	6.68%	(13)	(35)	MACRS 20 Years
37	Plant Account 391	19	n/a	17.49%	3	29	37	17.49%	7	21	MACRS 7 Years
38	Plant Account 397	7	n/a	17.49%	1	11	14	17.49%	2	8	MACRS 7 Years
39	Total Investment 2015	\$ 1,842,108			\$ 123,095	\$ 2,167,409	\$ 3,684,217		\$ 246,190	\$ 650,602	

Note: Rate based on half-year convention

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
APRIL 1, 2016 TO MARCH 31, 2017 RELIABILITY ENHANCEMENT PROGRAM
RECONCILIATION AND FORECASTED ACTIVITY THROUGH DECEMBER 31, 2017
2016 CAPITAL INVESTMENTS TAX DEPRECIATION

Line	Description	2016 Vintage	2016 Federal Tax Depreciation				2016 State Tax Depreciation				Reference
			Bonus Tax Depreciation Rate	Tax Depreciation Rate	Federal Depreciation Total	Accumulated Federal Depreciation	2016 Vintage	Tax Depreciation Rate	State Depreciation Total	Accumulated State Depreciation	
1	Plant Account 303	\$ 3,930,216	50.00%	16.67%	\$ 2,292,626	\$ 2,292,626	\$ 3,930,216	16.67%	\$ 655,036	\$ 655,036	Straight Line 36 Months
2	Plant Account 362	4,140,935	50.00%	3.75%	2,148,110	2,148,110	4,140,935	3.75%	155,285	155,285	MACRS 20 Years
3	Plant Account 364	4,756,974	50.00%	3.75%	2,467,680	2,467,680	4,756,974	3.75%	178,387	178,387	MACRS 20 Years
4	Plant Account 365	39,040,887	50.00%	3.75%	20,252,460	20,252,460	39,040,887	3.75%	1,464,033	1,464,033	MACRS 20 Years
5	Plant Account 366	860,372	50.00%	3.75%	446,318	446,318	860,372	3.75%	32,264	32,264	MACRS 20 Years
6	Plant Account 367	3,624,035	50.00%	3.75%	1,879,968	1,879,968	3,624,035	3.75%	135,901	135,901	MACRS 20 Years
7	Plant Account 368	41,710	50.00%	3.75%	21,637	21,637	41,710	3.75%	1,564	1,564	MACRS 20 Years
8	Plant Account 369	309,448	50.00%	3.75%	160,526	160,526	309,448	3.75%	11,604	11,604	MACRS 20 Years
9	Plant Account 371	-	50.00%	3.75%	-	-	-	3.75%	-	-	MACRS 20 Years
10	Plant Account 373	-	50.00%	3.75%	-	-	-	3.75%	-	-	MACRS 20 Years
11	Plant Account 391	-	50.00%	14.29%	-	-	-	14.29%	-	-	MACRS 7 Years
12	Plant Account 397	882,725	50.00%	14.29%	504,433	504,433	882,725	14.29%	126,141	126,141	MACRS 7 Years
13	Total Investment 2016	<u>\$ 57,587,303</u>			<u>\$ 30,173,759</u>	<u>\$ 30,173,759</u>	<u>\$ 57,587,303</u>		<u>\$ 2,760,216</u>	<u>\$ 2,760,216</u>	

Line	Description	2016 Vintage	2017 Federal Tax Depreciation				2017 State Tax Depreciation				Reference
			Bonus Tax Depreciation Rate	Tax Depreciation Rate	Federal Depreciation Total	Accumulated Federal Depreciation	2016 Vintage	Tax Depreciation Rate	State Depreciation Total	Accumulated State Depreciation	
14	Plant Account 303	\$ 1,965,108	n/a	33.33%	\$ 655,036	\$ 2,947,662	\$ 3,930,216	33.33%	\$ 1,310,072	\$ 1,965,108	Straight Line 36 Months
15	Plant Account 362	2,070,468	n/a	7.22%	149,467	2,297,577	4,140,935	7.22%	298,934	454,219	MACRS 20 Years
16	Plant Account 364	2,378,487	n/a	7.22%	171,703	2,639,383	4,756,974	7.22%	343,406	521,792	MACRS 20 Years
17	Plant Account 365	19,520,443	n/a	7.22%	1,409,181	21,661,641	39,040,887	7.22%	2,818,362	4,282,395	MACRS 20 Years
18	Plant Account 366	430,186	n/a	7.22%	31,055	477,373	860,372	7.22%	62,110	94,374	MACRS 20 Years
19	Plant Account 367	1,812,017	n/a	7.22%	130,810	2,010,778	3,624,035	7.22%	261,619	397,520	MACRS 20 Years
20	Plant Account 368	20,855	n/a	7.22%	1,506	23,143	41,710	7.22%	3,011	4,575	MACRS 20 Years
21	Plant Account 369	154,724	n/a	7.22%	11,170	171,696	309,448	7.22%	22,339	33,943	MACRS 20 Years
22	Plant Account 371	-	n/a	7.22%	-	-	-	7.22%	-	-	MACRS 20 Years
23	Plant Account 373	-	n/a	7.22%	-	-	-	7.22%	-	-	MACRS 20 Years
24	Plant Account 391	-	n/a	24.49%	-	-	-	24.49%	-	-	MACRS 7 Years
25	Plant Account 397	441,363	n/a	24.49%	108,090	612,523	882,725	24.49%	216,179	342,321	MACRS 7 Years
26	Total Investment 2016	<u>\$ 28,793,651</u>			<u>\$ 2,668,016</u>	<u>\$ 32,841,776</u>	<u>\$ 57,587,303</u>		<u>\$ 5,336,033</u>	<u>\$ 8,096,249</u>	

Note: Rate based on half-year convention

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
APRIL 1, 2016 TO MARCH 31, 2017 RELIABILITY ENHANCEMENT PROGRAM
RECONCILIATION AND FORECASTED ACTIVITY THROUGH DECEMBER 31, 2017
2017 CAPITAL INVESTMENTS TAX DEPRECIATION

Line	Description	2017 Federal Tax Depreciation					2017 State Tax Depreciation				Reference
		2017 Vintage	Bonus Tax Depreciation Rate	Tax Depreciation Rate	Federal Depreciation Total	Accumulated Federal Depreciation	2017 Vintage	Tax Depreciation Rate	State Depreciation Total	Accumulated State Depreciation	
1	Plant Account 303	\$ 1,351,378	50.00%	16.67%	\$ 788,304	\$ 788,304	\$ 1,351,378	16.67%	\$ 225,230	\$ 225,230	Straight Line 36 Months
2	Plant Account 362	1,602,969	50.00%	3.75%	831,540	831,540	1,602,969	3.75%	60,111	60,111	MACRS 20 Years
3	Plant Account 364	4,565,522	50.00%	3.75%	2,368,364	2,368,364	4,565,522	3.75%	171,207	171,207	MACRS 20 Years
4	Plant Account 365	28,213,094	50.00%	3.75%	14,635,543	14,635,543	28,213,094	3.75%	1,057,991	1,057,991	MACRS 20 Years
5	Plant Account 366	716,591	50.00%	3.75%	371,731	371,731	716,591	3.75%	26,872	26,872	MACRS 20 Years
6	Plant Account 367	1,646,416	50.00%	3.75%	854,078	854,078	1,646,416	3.75%	61,741	61,741	MACRS 20 Years
7	Plant Account 368	46,399	50.00%	3.75%	24,069	24,069	46,399	3.75%	1,740	1,740	MACRS 20 Years
8	Plant Account 369	202,215	50.00%	3.75%	104,899	104,899	202,215	3.75%	7,583	7,583	MACRS 20 Years
9	Plant Account 371	-	50.00%	3.75%	-	-	-	3.75%	-	-	MACRS 20 Years
10	Plant Account 373	-	50.00%	3.75%	-	-	-	3.75%	-	-	MACRS 20 Years
11	Plant Account 391	-	50.00%	14.29%	-	-	-	14.29%	-	-	MACRS 7 Years
12	Plant Account 397	2,652,578	50.00%	14.29%	1,515,816	1,515,816	2,652,578	14.29%	379,053	379,053	MACRS 7 Years
13	Total Investment 2017	<u>\$ 40,997,162</u>			<u>\$ 21,494,345</u>	<u>\$ 21,494,345</u>	<u>\$ 40,997,162</u>		<u>\$ 1,991,528</u>	<u>\$ 1,991,528</u>	

Note: Rate based on half-year convention

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
APRIL 1, 2016 TO MARCH 31, 2017 RELIABILITY ENHANCEMENT PROGRAM
RECONCILIATION AND FORECASTED ACTIVITY THROUGH DECEMBER 31, 2017
ACCUMULATED DEFERRED INCOME TAXES 2013, 2014, 2015, 2016 & 2017**

2013 State ADIT						2013 Federal ADIT						2013 Total ADIT	Reference
Line	Accumulated Book Depreciation	Accumulated State Tax Depreciation	Book/Tax Depreciation Difference	State Tax Rate	2013 State ADIT	Accumulated Book Depreciation	Accumulated Federal Tax Depreciation	Book/Tax Depreciation Difference	2013 State ADIT	Tax Effectuated Book/Tax Depreciation	Federal Tax Rate	2013 Federal ADIT	
1	\$251,933	\$748,381	(\$496,448)	8.50%	(\$42,198)	\$251,933	\$11,417,958	(\$11,166,025)	(\$42,198)	(\$11,123,827)	35.00%	\$ (3,893,339)	(\$3,935,538) (Docket 09-035, Dated 06/10/2015, Att. CJG-1, Page 14 Line 1)
2014 State ADIT						2014 Federal ADIT						2014 Total ADIT	Reference
Line	Accumulated Book Depreciation	Accumulated State Tax Depreciation	Book/Tax Depreciation Difference	State Tax Rate	2014 State ADIT	Accumulated Book Depreciation	Accumulated Federal Tax Depreciation	Book/Tax Depreciation Difference	2014 State ADIT	Tax Effectuated Book/Tax Depreciation	Federal Tax Rate	2014 Federal ADIT	
2	\$2,146,650	\$5,317,845	(\$3,171,194)	8.50%	(\$269,552)	\$2,146,650	\$22,490,497	(\$20,343,847)	(\$269,552)	(\$20,074,295)	35.00%	\$ (7,026,003)	(\$7,295,555) (Docket 09-035, Dated 06/10/2015, Att. CJG-1 Page 14 Line 2)
2015 State ADIT						2015 Federal ADIT						2015 Total ADIT	Reference
Line	Accumulated Book Depreciation	Accumulated State Tax Depreciation	Book/Tax Depreciation Difference	State Tax Rate	2015 State ADIT	Accumulated Book Depreciation	Accumulated Federal Tax Depreciation	Book/Tax Depreciation Difference	2015 State ADIT	Tax Effectuated Book/Tax Depreciation	Federal Tax Rate	2015 Federal ADIT	
3	\$4,318,776	\$10,612,870	(\$6,294,094)	8.50%	(\$534,998)	\$4,318,776	\$26,980,118	(\$22,661,342)	(\$534,998)	(\$22,126,344)	35.00%	\$ (7,744,220)	(\$8,279,218) (Docket 09-035, Dated 04/29/2016, Att. CJG-1 Page 13 Line 3)
2016 State ADIT						2016 Federal ADIT						2016 Total ADIT	Reference
Line	Accumulated Book Depreciation	Accumulated State Tax Depreciation	Book/Tax Depreciation Difference	State Tax Rate	2016 State ADIT	Accumulated Book Depreciation	Accumulated Federal Tax Depreciation	Book/Tax Depreciation Difference	2016 State ADIT	Tax Effectuated Book/Tax Depreciation	Federal Tax Rate	2016 Federal ADIT	
4	\$7,695,437	\$18,354,076	(\$10,658,639)	8.20%	(\$874,008)	\$7,695,437	\$59,644,373	(\$51,948,935)	(\$874,008)	(\$51,074,927)	35.00%	\$ (17,876,224)	(\$18,750,233) (Page 2 Line 16) & (Page 6 Line 52 + Page 7 Line 39 + Page 8 Line 26 + Page 9 Line 13)
2017 State ADIT						2017 Federal ADIT						2017 Total ADIT	Reference
Line	Accumulated Book Depreciation	Accumulated State Tax Depreciation	Book/Tax Depreciation Difference	State Tax Rate	2017 State ADIT	Accumulated Book Depreciation	Accumulated Federal Tax Depreciation	Book/Tax Depreciation Difference	2017 State ADIT	Tax Effectuated Book/Tax Depreciation	Federal Tax Rate	2017 Federal ADIT	
5	\$13,048,460	\$27,835,736	(\$14,787,276)	8.20%	(\$1,212,557)	\$13,048,460	\$84,883,784	(\$71,835,323)	(\$1,212,557)	(\$70,622,767)	35.00%	\$ (24,717,968)	(\$25,930,525) (Page 3 Line 16) & (Page 6 Line 65 + Page 7 Line 52 + Page 8 Line 39 + Page 9 Line 26 + Page 10 Line 13)

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
APRIL 1, 2016 TO MARCH 31, 2017 RELIABILITY ENHANCEMENT PROGRAM
RECONCILIATION AND FORECASTED ACTIVITY THROUGH DECEMBER 31, 2017
RATE OF RETURN

Q1 2017 RATE OF RETURN (QUARTER 4, 2016)

Line	Component	Rate	Amount	Weight	Rate	Equity Grossed Up For Taxes
1	Equity	9.67%	\$ 1,392,419,632	53.50%	5.17%	8.67%
2	Long Term Debt	4.45%	1,054,854,428	40.53%	1.80%	1.80%
3	Short Term Debt	0.82%	155,540,000	5.98%	0.05%	0.05%
4	Total		\$ 2,602,814,060	100.00%		10.52%

Q4 2016 RATE OF RETURN (QUARTER 3, 2016)

Line	Component	Rate	Amount	Weight	Rate	Equity Grossed Up For Taxes
1	Equity	9.67%	\$ 1,385,663,570	53.50%	5.17%	8.67%
2	Long Term Debt	4.45%	1,053,731,656	40.68%	1.81%	1.81%
3	Short Term Debt	0.83%	150,820,000	5.82%	0.05%	0.05%
4	Total		\$ 2,590,215,226	100.00%		10.53%

Q3 2016 RATE OF RETURN (QUARTER 2, 2016)

Line	Component	Rate	Amount	Weight	Rate	Equity Grossed Up For Taxes
1	Equity	9.67%	\$ 1,355,048,075	52.86%	5.11%	8.57%
2	Long Term Debt	4.45%	1,052,608,884	41.06%	1.83%	1.83%
3	Short Term Debt	0.76%	156,020,000	6.09%	0.05%	0.05%
4	Total		\$ 2,563,676,959	100.00%		10.44%

Q2 2016 RATE OF RETURN (QUARTER 1, 2016)

Line	Component	Rate	Amount	Weight	Rate	Equity Grossed Up For Taxes
1	Equity	9.67%	\$ 1,271,693,206	51.45%	4.98%	8.34%
2	Long Term Debt	4.45%	1,051,598,112	42.55%	1.89%	1.89%
3	Short Term Debt	0.68%	148,240,000	6.00%	0.04%	0.04%
4	Total		\$ 2,471,531,318	100.00%		10.27%

Q1 2016 RATE OF RETURN (QUARTER 4, 2015)

Line	Component	Rate	Amount	Weight	Rate	Equity Grossed Up For Taxes
1	Equity	9.67%	\$ 1,243,534,726	51.20%	4.95%	8.32%
2	Long Term Debt	4.43%	1,050,475,339	43.25%	1.92%	1.92%
3	Short Term Debt	0.54%	134,920,000	5.55%	0.03%	0.03%
4	Total		\$ 2,428,930,065	100.00%		10.27%

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
APRIL 1, 2016 TO MARCH 31, 2017 RELIABILITY ENHANCEMENT PROGRAM
RECONCILIATION AND FORECASTED ACTIVITY THROUGH DECEMBER 31, 2017
JULY 1, 2015 TO JUNE 30, 2016 RECONCILIATION

Line	Revenue Requirement	Actual July 2015	Actual August 2015	Actual September 2015	Actual October 2015	Actual November 2015	Actual December 2015	Actual January 2016	Actual February 2016	Actual March 2016	Actual April 2016	Actual May 2016	Actual June 2016	Total	Reference
1	Operation & Maintenance Expense	\$ 6,196	\$ 177,925	\$ 275,117	\$ 281,536	\$ 344,097	\$ 385,249	\$ 559,319	\$ 534,049	\$ 654,204	\$ 641,707	\$ 381,282	\$ 786,865	\$ 5,027,544	
2	Return	265,034	262,760	262,339	262,040	262,668	262,773	278,373	296,971	322,206	370,160	413,866	461,980	3,721,169	
3	Depreciation Expense	181,582	181,582	182,737	184,021	184,561	185,526	196,902	200,874	216,537	235,205	248,871	270,008	2,468,405	
4	Total Revenue Requirements	\$ 452,811	\$ 622,266	\$ 720,192	\$ 727,597	\$ 791,326	\$ 833,547	\$ 1,034,595	\$ 1,031,893	\$ 1,192,946	\$ 1,247,072	\$ 1,044,018	\$ 1,518,853	\$ 11,217,118	Line 1 + Line 2 + Line 3
5	Total Current REP Funding July 1, 2015 -- June 30, 2016	\$ (1,049,339)	\$ (1,049,339)	\$ (1,049,339)	\$ (1,049,339)	\$ (1,049,339)	\$ (1,049,339)	\$ (1,049,339)	\$ (1,049,339)	\$ (1,049,339)	\$ (1,049,339)	\$ (1,049,339)	\$ (1,049,339)	\$ (12,592,067)	
6	(Over)/Under Recovery	\$ (596,528)	\$ (427,073)	\$ (329,147)	\$ (321,742)	\$ (258,013)	\$ (215,791)	\$ (14,744)	\$ (17,446)	\$ 143,607	\$ 197,733	\$ (5,320)	\$ 469,514	\$ (1,374,949)	Line 4 + Line 5
7	Carrying Charge Calculation														
8	Beginning Monthly Balance	\$ -	\$ (596,528)	\$ (1,023,600)	\$ (1,352,747)	\$ (1,674,489)	\$ (1,932,502)	\$ (2,148,293)	\$ (2,163,038)	\$ (2,180,483)	\$ (2,036,876)	\$ (1,839,143)	\$ (1,844,463)		
9	Ending Monthly Balance	(596,528)	(1,023,600)	(1,352,747)	(1,674,489)	(1,932,502)	(2,148,293)	(2,163,038)	(2,180,483)	(2,036,876)	(1,839,143)	(1,844,463)	(1,374,949)		
10	Average Monthly Balance	(298,264)	(810,064)	(1,188,174)	(1,513,618)	(1,803,495)	(2,040,398)	(2,155,665)	(2,171,760)	(2,108,680)	(1,938,009)	(1,841,803)	(1,609,706)		(Line 8 + Line 9) / 2
11	Less: ADIT (2015 = 40.525%, 2016 = 40.33%)	(120,871)	(328,278)	(481,507)	(613,394)	(730,866)	(826,871)	(869,380)	(875,871)	(850,430)	(781,599)	(742,799)	(649,194)		Line 10 * ADIT
12	Average Monthly Balance Net of ADIT	(177,392)	(481,786)	(706,666)	(900,224)	(1,072,629)	(1,213,526)	(1,286,286)	(1,295,889)	(1,258,249)	(1,156,410)	(1,099,004)	(960,512)		Line 10 - Line 11
13	Carrying Charge (Prime Rate: 3.25% July - Nov; 3.50% Dec - Jun)	\$ (480)	\$ (1,305)	\$ (1,914)	\$ (2,438)	\$ (2,905)	\$ (3,539)	\$ (3,752)	\$ (3,780)	\$ (3,670)	\$ (3,373)	\$ (3,205)	\$ (2,801)	\$ (33,163)	Line 12 * Prime Rate
14	(Over)/Under Recovery plus Carrying Charge													\$ (1,408,112)	Line 6 + Line 13

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
APRIL 1, 2016 TO MARCH 31, 2017 RELIABILITY ENHANCEMENT PROGRAM
RECONCILIATION AND FORECASTED ACTIVITY THROUGH DECEMBER 31, 2017
JULY 1, 2016 TO JUNE 30, 2017 RECONCILIATION

Line	Revenue Requirement	Actual July 2016	Actual August 2016	Actual September 2016	Actual October 2016	Actual November 2016	Actual December 2016	Actual January 2017	Actual February 2017	Actual March 2017	Forecast April 2017	Forecast May 2017	Forecast June 2017	Total	Reference
1	Operation & Maintenance Expense	\$ 651,061	\$ 382,853	\$ 440,368	\$ 273,753	\$ 171,278	\$ 226,169	\$ 234,109	\$ 393,454	\$ 340,722	\$ 410,000	\$ 410,000	\$ 410,000	\$ 4,343,767	
2	Return	531,758	580,700	607,963	634,420	643,908	647,758	655,367	665,578	686,225	728,198	786,839	845,063	8,013,778	
3	Depreciation Expense	295,635	316,829	329,659	348,399	350,614	367,129	372,113	383,179	401,922	422,229	442,535	462,842	4,493,085	
4	Total Revenue Requirements	\$ 1,478,454	\$ 1,280,382	\$ 1,377,990	\$ 1,256,572	\$ 1,165,800	\$ 1,241,056	\$ 1,261,589	\$ 1,442,210	\$ 1,428,869	\$ 1,560,427	\$ 1,639,375	\$ 1,717,905	\$ 16,850,630	Line 1 + Line 2 + Line 3
5	Total Current REP Funding July 1, 2016 -- June 30, 2017	\$ (1,368,476)	\$ (1,368,476)	\$ (1,368,476)	\$ (1,368,476)	\$ (1,368,476)	\$ (1,368,476)	\$ (1,368,476)	\$ (1,368,476)	\$ (1,368,476)	\$ (1,368,476)	\$ (1,368,476)	\$ (1,368,476)	\$ (16,421,712)	
6	(Over)/Under Recovery	\$ 109,978	\$ (88,094)	\$ 9,514	\$ (111,904)	\$ (202,676)	\$ (127,420)	\$ (106,887)	\$ 73,734	\$ 60,393	\$ 191,951	\$ 270,899	\$ 349,429	\$ 428,918	Line 4 + Line 5
7	Carrying Charge Calculation:														
8	Beginning Monthly Balance	\$ (1,408,112)	\$ (1,298,134)	\$ (1,386,227)	\$ (1,376,713)	\$ (1,488,617)	\$ (1,691,293)	\$ (1,818,713)	\$ (1,925,600)	\$ (1,851,866)	\$ (1,791,473)	\$ (1,599,522)	\$ (1,328,623)		
9	Ending Monthly Balance	(1,298,134)	(1,386,227)	(1,376,713)	(1,488,617)	(1,691,293)	(1,818,713)	(1,925,600)	(1,851,866)	(1,791,473)	(1,599,522)	(1,328,623)	(979,194)		
10	Average Monthly Balance	(1,353,123)	(1,342,180)	(1,381,470)	(1,432,665)	(1,589,955)	(1,755,003)	(1,872,157)	(1,888,733)	(1,821,670)	(1,695,498)	(1,464,072)	(1,153,908)		(Line 8 + Line 9) / 2
11	Less: ADIT (2016 & 2017 = 40.33%)	(545,714)	(541,301)	(557,147)	(577,794)	(641,229)	(707,793)	(755,041)	(761,726)	(734,679)	(683,794)	(590,460)	(465,371)		Line 10 * ADIT
12	Average Monthly Balance Net of ADIT	(807,408)	(800,879)	(824,323)	(854,871)	(948,726)	(1,047,210)	(1,117,116)	(1,127,007)	(1,086,990)	(1,011,703)	(873,612)	(688,537)		Line 10 - Line 11
	Carrying Charge (Prime Rate: 3.50% July - Nov; 3.75% Dec - Feb & 4.00% Mar - Jun)	\$ (2,355)	\$ (2,336)	\$ (2,404)	\$ (2,493)	\$ (2,767)	\$ (3,273)	\$ (3,491)	\$ (3,522)	\$ (3,623)	\$ (3,372)	\$ (2,912)	\$ (2,295)	\$ (34,844)	Line 12 * Prime Rate
14	(Over)/Under Recovery plus Carrying Charge													\$ (1,014,038)	Line 9 + Line 13

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
ACTUAL CAPITAL PLACED IN SERVICE BY PROGRAM
FOR THE PERIOD JULY 2015 THROUGH JUNE 2016

Line	Program/Account	Jul 2015	Aug 2015	Sep 2015	Oct 2015	Nov 2015	Dec 2015	Jan 2016	Feb 2016	Mar 2016	Apr 2016	May 2016	Jun 2016	7/15 to 6/16 Total
1	DA Pole Top	\$ -	\$ -	\$ 423,770	\$ 478,710	\$ 194,309	\$ 276,977	\$ 816,881	\$ 738,237	\$ 3,704,212	\$ 1,690,900	\$ 2,523,492	\$ 2,056,246	\$ 12,903,733
2	362	-	-	-	-	-	-	-	-	-	-	-	-	-
3	364	-	-	4,786	9,345	3,344	7,581	4,326	17,918	11,692	40,350	63,620	40,558	203,519
4	365	-	-	418,984	468,846	190,972	269,398	812,555	720,319	3,692,354	1,650,552	2,459,801	2,015,383	12,699,164
5	366	-	-	-	-	-	-	-	-	166	1	68	-	235
6	367	-	-	-	-	-	-	-	-	-	-	-	-	-
7	369	-	-	-	519	(8)	(1)	-	-	(1)	(2)	3	304	815
8	DA Relay Replace	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 251,771	\$ 999	\$ 239,724	\$ -	\$ 198	\$ 516,871	\$ 1,009,563
9	362	-	-	\$ -	\$ -	\$ -	\$ -	\$ 251,771	\$ 999	\$ 239,724	\$ -	\$ 198	\$ 516,871	\$ 1,009,563
10	DA Substation Automation/Telecom	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 222,015	\$ 222,015
11	362	-	-	-	-	-	-	-	-	-	-	-	-	-
12	397	-	-	-	-	-	-	-	-	-	-	-	222,015	222,015
13	DA Line Sensor Project	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
14	365	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Field Connectivity Survey	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	303	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Direct Buried Cable Replace	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 77,458	\$ 511,245	\$ 204,148	\$ 220,318	\$ 119,430	\$ 778,301	\$ 1,910,900
18	364	-	-	-	-	-	-	2,733	3,958	5,487	1,168	8,203	32,005	53,554
19	365	-	-	-	-	-	-	2,340	1,237	6,992	2,152	6,428	27,618	46,767
20	366	-	-	-	-	-	-	12,239	175,717	56,338	62,842	71,737	228,088	606,961
21	367	-	-	-	-	-	-	60,145	329,870	135,290	151,807	32,895	489,987	1,199,993
22	369	-	-	-	-	-	-	-	464	42	2,350	168	602	3,625
23	Direct Buried Cable Injection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 56,847	\$ 173,523	\$ 230,370
24	364	-	-	-	-	-	-	-	-	-	-	-	-	-
25	365	-	-	-	-	-	-	-	-	-	-	-	1,518	1,518
26	366	-	-	-	-	-	-	-	-	-	-	652	(76)	576
27	367	-	-	-	-	-	-	-	-	-	-	56,196	172,081	228,276
28	Circuit Tie Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,567	\$ 21,743	\$ 460,149	\$ 1,193,118	\$ 1,875,578
29	364	-	-	-	-	-	-	-	-	43,813	4,750	91,372	173,606	313,541
30	365	-	-	-	-	-	-	-	-	149,477	16,204	358,177	972,456	1,496,314
31	366	-	-	-	-	-	-	-	-	-	-	695	4,946	5,641
32	367	-	-	-	-	-	-	-	-	7,278	789	(583)	5,113	12,597
33	369	-	-	-	-	-	-	-	-	-	-	10,489	36,996	47,485
34	Heather-Lite Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,864	\$ 54,067	\$ 157,689	\$ 3,812	\$ 268,705	\$ 247,266	\$ 749,403
35	364	-	-	-	-	-	-	11,317	32,471	134,458	2,577	189,532	141,550	511,904
36	365	-	-	-	-	-	-	6,547	21,596	16,210	1,863	71,888	97,315	215,419
37	369	-	-	-	-	-	-	-	-	7,022	(627)	7,284	8,401	22,080
38	Hit List Reliability Enhancements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 54,975	\$ 52,114	\$ 44,084	\$ 74,377	\$ 37,684	\$ 19,722	\$ 1,013,029	\$ 1,295,986
39	364	-	-	-	-	-	\$ 18,921	\$ 15,785	\$ 10,292	\$ 15,223	\$ 484	(2,356)	\$ 257,734	\$ 316,082
40	365	-	-	-	-	-	\$ 36,054	\$ 34,971	\$ 32,486	\$ 58,389	\$ 37,366	\$ 22,484	\$ 714,979	\$ 936,729
41	366	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	264	264
42	367	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	10,332	10,332
43	368	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	10,193	10,193
44	369	-	-	-	-	-	\$ -	\$ 1,359	\$ 1,306	\$ 765	(166)	(406)	\$ 19,527	\$ 22,385
45	NESC Capital Repairs	\$ -	\$ -	\$ -	\$ -	\$ 7,125	\$ 27,343	\$ 12,213	\$ 11,250	\$ 113,453	\$ 12,711	\$ 82,404	\$ 128,077	\$ 394,576
46	364	-	-	-	-	\$ 6,045	\$ 21,376	\$ 5,684	\$ 7,842	\$ 67,821	\$ 5,120	\$ 61,892	\$ 98,122	\$ 273,902
47	365	-	-	-	-	\$ 1,081	\$ 5,967	\$ 2,940	\$ 1,251	\$ 40,834	\$ 4,534	\$ 14,747	\$ 22,483	\$ 93,835
48	366	-	-	-	-	\$ -	\$ -	\$ 698	\$ -	\$ 547	\$ (79)	\$ (591)	\$ (501)	\$ 75
49	367	-	-	-	-	\$ -	\$ -	\$ 2,891	\$ (0)	\$ (962)	\$ (66)	\$ 4,317	\$ (2,506)	\$ 3,674
50	369	-	-	-	-	\$ -	\$ -	\$ -	\$ 2,157	\$ 5,213	\$ 3,202	\$ 2,038	\$ 10,479	\$ 23,089
51	Porcelain Change-out	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 838	\$ 27,583	\$ 25,839	\$ 41,806	\$ 457,538	\$ 175,536	\$ 48,421	\$ 777,560
52	364	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
53	365	-	-	-	-	-	\$ 838	\$ 27,583	\$ 25,839	\$ 41,806	\$ 457,538	\$ 175,536	\$ 48,421	\$ 777,560
54	Reject Pole Replacement	\$ -	\$ -	\$ -	\$ -	\$ 220	\$ 532	\$ 108,222	\$ 133,414	\$ 115,077	\$ 158,163	\$ 106,030	\$ 65,818	\$ 687,477
55	364	-	-	-	-	\$ 139	\$ 336	\$ 86,004	\$ 93,704	\$ 85,328	\$ 94,362	\$ 71,550	\$ 41,532	\$ 472,954
56	365	-	-	-	-	\$ 9	\$ 22	\$ 22,207	\$ 39,710	\$ 28,193	\$ 22,750	\$ 29,829	\$ 21,873	\$ 164,593
57	366	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 56	-	56
58	367	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
59	369	-	-	-	-	\$ 72	\$ 175	\$ 11	\$ -	\$ 1,557	\$ 41,051	\$ 4,595	\$ 2,412	\$ 49,874
60	ROW System Hardening	\$ -	\$ -	\$ 7,951	\$ 1,634	\$ 190	\$ (168)	\$ -	\$ (0)	\$ -	\$ -	\$ 9,306	\$ 95,699	\$ 114,612
61	364	-	-	\$ 7,387	\$ 1,518	\$ 177	\$ (156)	\$ -	\$ (212)	\$ -	\$ -	\$ -	\$ 63,316	\$ 72,030
62	365	-	-	\$ 564	\$ 116	\$ 14	\$ (12)	\$ -	\$ 212	\$ -	\$ -	\$ 9,306	\$ 32,383	\$ 42,582
63	367	-	-	-	-	-	-	-	-	-	-	-	-	-
64	369	-	-	-	-	-	-	-	-	-	-	-	-	-
65	4 & 12 kV Substations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,237	\$ 569	\$ 50,840	\$ 30,253	\$ 37	\$ 114,936
66	364	-	-	-	-	-	-	\$ 27,461	\$ 470	\$ 25,061	\$ 15,857	\$ (418)	\$ 68,431	\$ 68,431
67	365	-	-	-	-	-	-	\$ 4,681	\$ 80	\$ 25,779	\$ 12,700	\$ 408	\$ 43,648	\$ 43,648
68	366	-	-	-	-	-	-	-	-	-	-	-	-	-
69	367	-	-	-	-	-	-	-	-	-	-	-	-	-
70	368	-	-	-	-	-	-	\$ 1,095	\$ 19	\$ -	\$ 1,696	\$ 47	\$ 2,856	\$ 2,856
71	369	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
72	OCB Replacements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 186,790	\$ 186,790
73	362	-	-	-	-	-	-	-	-	-	-	-	\$ 186,790	\$ 186,790
74	Enhanced Tree Trimming	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,211,071	\$ 52,448	\$ 231,300	\$ 3,699,003	\$ 750,333	\$ 805,820	\$ 6,749,975
75	365	-	-	-	-	-	-	1,211,071	52,448	231,300	3,699,003	750,333	805,820	6,749,975
76	Full Width ROW Clearing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 78,659	\$ 128,475	\$ 49,207	\$ 21,594	\$ 277,936
77	365	-	-	-	-	-	-	-	-	78,659	128,475	49,207	21,594	277,936
78	Hazard Tree Removal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,787,036	\$ 10,350	\$ 832,190	\$ 553,919	\$ 508,642	\$ 655,033	\$ 4,347,169
79	365	-	-	-	-	-	-	1,787,036	10,350	832,190	553,919	508,642	655,033	4,347,169
80	Total July 2015 to June 2016	\$ -	\$ -	\$ 431,721	\$ 480,344	\$ 201,845	\$ 360,498	\$ 4,362,212	\$ 1,615,168	\$ 5,993,772	\$ 7,035,107	\$ 5,160,254	\$ 8,207,658	\$ 33,848,578

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
 ACTUAL CAPITAL PLACED IN SERVICE BY PROGRAM
 FOR THE PERIOD JULY 2016 THROUGH MARCH 2017

Line	Program/Account	7/16 to 3/17										
		Jul 2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016	Jan 2017	Feb 2017	Mar 2017	Total	
1	DA Pole Top	\$ 2,007,071	\$ 1,493,206	\$ 1,309,968	\$ 548,454	\$ 296,393	\$ (1,061)	\$ 313,805	\$ 338,467	\$ 1,699,005	\$ 8,005,307	
2	362	17,026	-	-	-	-	519	-	-	-	17,545	
3	364	34,902	82,042	45,191	7,574	2,218	(286)	16,628	7,957	65,954	262,180	
4	365	1,955,108	1,409,774	1,263,777	540,867	294,175	(1,285)	297,115	330,349	1,626,978	7,716,858	
5	366	(0)	604	38	(21)	-	(2)	62	-	-	681	
6	367	-	-	-	-	-	-	-	-	5,329	5,329	
7	369	34	784	962	34	-	(7)	0	161	744	2,713	
8	DA Relay Replace	\$ 1,054,239	\$ 3,786	\$ 11,059	\$ 614,490	\$ (89,590)	\$ 260,030	\$ 857	\$ (112)	\$ 185	\$ 1,854,944	
9	362	\$ 1,054,239	\$ 3,786	\$ 11,059	\$ 614,490	\$ (89,590)	\$ 260,030	\$ 857	\$ (112)	\$ 185	\$ 1,854,944	
10	DA Substation Automation/Telecom	\$ 4,696	\$ 1,350	\$ 257	\$ 4,098	\$ 691,791	\$ 1,992	\$ 13,625	\$ 833,608	\$ 631,935	\$ 2,183,352	
11	362	\$ -	\$ -	\$ -	\$ -	\$ 44,330	\$ (856)	\$ -	\$ 27,056	\$ -	\$ 70,531	
12	397	\$ 4,696	\$ 1,350	\$ 257	\$ 4,098	\$ 647,461	\$ 2,848	\$ 13,625	\$ 806,552	\$ 631,935	\$ 2,112,822	
13	DA Line Sensor Project	\$ -	\$ 23,257	\$ 285,806	\$ (31,614)	\$ 697	\$ (131)	\$ 66	\$ (0)	\$ 7	\$ 278,088	
14	365	\$ -	\$ 23,257	\$ 285,806	\$ (31,614)	\$ 697	\$ (131)	\$ 66	\$ (0)	\$ 7	\$ 278,088	
15	Field Connectivity Survey	\$ 683,448	\$ 872,757	\$ 425,984	\$ 1,048,388	\$ (218,202)	\$ 1,117,841	\$ 211,178	\$ 257,345	\$ 882,854	\$ 5,281,594	
16	303	\$ 683,448	\$ 872,757	\$ 425,984	\$ 1,048,388	\$ (218,202)	\$ 1,117,841	\$ 211,178	\$ 257,345	\$ 882,854	\$ 5,281,594	
17	Direct Buried Cable Replace	\$ 521,666	\$ 312,790	\$ 207,850	\$ 248,635	\$ 15,274	\$ (789)	\$ 410,418	\$ 39,933	\$ 21,161	\$ 1,776,938	
18	364	\$ 15,790	\$ 10,323	\$ 7,319	\$ 12,832	\$ 6,829	\$ (158)	\$ 2,557	\$ (556)	\$ 17	\$ 54,952	
19	365	\$ 19,384	\$ 20,857	\$ 5,228	\$ 19,985	\$ 4,971	\$ (164)	\$ 5,213	\$ 424	\$ 28	\$ 75,925	
20	366	\$ 164,868	\$ 3,042	\$ 59,958	\$ (19,073)	\$ (19,969)	\$ (80)	\$ 263,691	\$ 9,947	\$ 9,786	\$ 472,171	
21	367	\$ 317,107	\$ 267,003	\$ 119,857	\$ 230,772	\$ 22,882	\$ (373)	\$ 139,943	\$ 30,328	\$ 11,329	\$ 1,138,848	
22	369	\$ 4,517	\$ 11,565	\$ 15,487	\$ 4,119	\$ 561	\$ (13)	\$ (985)	\$ (210)	\$ 1	\$ 35,042	
23	Direct Buried Cable Injection	\$ 349,246	\$ 248,614	\$ 345,517	\$ 13,964	\$ 70,679	\$ (3,682)	\$ 137	\$ 830	\$ -	\$ 1,025,305	
24	364	\$ 18	\$ (0)	\$ (0)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18	
25	365	\$ 5,867	\$ 2,444	\$ 1,374	\$ 143	\$ (17)	\$ (33)	\$ 2	\$ -	\$ -	\$ 9,779	
26	366	\$ 398	\$ 108	\$ 352	\$ 31	\$ (0)	\$ -	\$ -	\$ -	\$ -	\$ 889	
27	367	\$ 342,962	\$ 246,062	\$ 343,791	\$ 13,790	\$ 70,696	\$ (3,648)	\$ 136	\$ 830	\$ -	\$ 1,014,619	
28	Circuit Tie Construction	\$ 568,906	\$ 144,173	\$ 276,138	\$ 161,940	\$ 399,124	\$ 548,372	\$ 33,131	\$ 37,948	\$ (3,660)	\$ 2,166,072	
29	364	\$ 170,611	\$ 44,229	\$ 78,264	\$ 78,034	\$ 67,854	\$ 81,084	\$ 5,330	\$ 20,775	\$ (118)	\$ 546,064	
30	365	\$ 389,915	\$ 96,413	\$ 194,430	\$ 75,183	\$ 319,572	\$ 457,687	\$ 27,275	\$ 18,036	\$ (3,526)	\$ 1,574,983	
31	366	\$ 1,300	\$ 674	\$ 166	\$ 1,352	\$ (880)	\$ 372	\$ 39	\$ -	\$ (0)	\$ 2,934	
32	367	\$ 3,312	\$ 1,725	\$ 147	\$ 7,371	\$ 10,150	\$ (67)	\$ 56	\$ (512)	\$ (13)	\$ 22,169	
33	369	\$ 3,768	\$ 1,133	\$ 3,131	\$ -	\$ 2,426	\$ 9,297	\$ 431	\$ (261)	\$ (3)	\$ 19,923	
34	Heather-Lite Replacement	\$ 54,948	\$ 62,707	\$ 87	\$ (149)	\$ 3,632	\$ (13,137)	\$ 47,251	\$ 4,337	\$ 24,682	\$ 184,358	
35	364	\$ 25,500	\$ 30,071	\$ (367)	\$ (32)	\$ 4,434	\$ (10,394)	\$ (169)	\$ 2,782	\$ 19,765	\$ 71,589	
36	365	\$ 12,644	\$ 29,410	\$ 562	\$ (117)	\$ (582)	\$ (2,234)	\$ 47,472	\$ 1,555	\$ 4,918	\$ 93,626	
37	369	\$ 16,804	\$ 3,226	\$ (108)	\$ -	\$ (221)	\$ (508)	\$ (51)	\$ -	\$ -	\$ 19,142	
38	Hit List Reliability Enhancements	\$ 82,715	\$ 50,776	\$ 4,297	\$ 58,030	\$ 27,658	\$ 2,591	\$ 82,500	\$ 749,118	\$ 118,783	\$ 1,176,468	
39	364	\$ 30,341	\$ 3,969	\$ (987)	\$ 7,631	\$ 2,074	\$ (6,489)	\$ 10,373	\$ 180,449	\$ 1,839	\$ 229,201	
40	365	\$ 45,267	\$ 47,133	\$ 4,762	\$ 49,177	\$ 19,015	\$ 10,181	\$ 72,139	\$ 547,436	\$ 121,863	\$ 916,973	
41	366	\$ 1,741	\$ 120	\$ (47)	\$ 5	\$ 1	\$ (255)	\$ 6	\$ 4	\$ (0)	\$ 1,574	
42	367	\$ 1,265	\$ (1,254)	\$ 276	\$ 1,216	\$ 6,464	\$ (40)	\$ (19)	\$ 2,016	\$ (4,674)	\$ 5,250	
43	368	\$ 153	\$ (8)	\$ 130	\$ -	\$ 0	\$ (398)	\$ 1	\$ 15,818	\$ (58)	\$ 15,639	
44	369	\$ 3,948	\$ 816	\$ 163	\$ (0)	\$ 104	\$ (408)	\$ -	\$ 3,394	\$ (186)	\$ 7,831	
45	NESC Capital Repairs	\$ 69,041	\$ 166,482	\$ 98,145	\$ 21,601	\$ (10,270)	\$ 1,492	\$ 10,731	\$ (1,766)	\$ 5,112	\$ 360,569	
46	364	\$ 16,705	\$ 108,227	\$ 70,027	\$ 7,300	\$ (4,132)	\$ (1,282)	\$ 4,937	\$ 406	\$ 6,198	\$ 208,385	
47	365	\$ 19,143	\$ 39,743	\$ 19,755	\$ 14,412	\$ (6,381)	\$ (716)	\$ 1,810	\$ (1,174)	\$ 1,109	\$ 87,700	
48	366	\$ (6)	\$ 2,607	\$ 159	\$ (181)	\$ (0)	\$ (1,172)	\$ 115	\$ -	\$ (1,278)	\$ 245	
49	367	\$ 12,606	\$ 844	\$ 1,294	\$ 17	\$ -	\$ 4,260	\$ (2,253)	\$ (850)	\$ 316	\$ 16,235	
50	369	\$ 20,593	\$ 15,061	\$ 6,910	\$ 53	\$ 244	\$ 402	\$ 6,122	\$ (148)	\$ (1,233)	\$ 48,004	
51	Porcelain Change-out	\$ 4,127	\$ 11,444	\$ 51,209	\$ (4,811)	\$ (10,182)	\$ (525)	\$ 15,026	\$ 84,883	\$ 8,030	\$ 159,201	
52	364	\$ 95	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95	
53	365	\$ 4,032	\$ 11,444	\$ 51,209	\$ (4,811)	\$ (10,182)	\$ (525)	\$ 15,026	\$ 84,883	\$ 8,030	\$ 159,106	
54	Reject Pole Replacement	\$ 121,312	\$ 226,113	\$ 101,384	\$ 87,561	\$ 216,517	\$ 9,971	\$ 101,736	\$ 267,635	\$ 270,852	\$ 1,403,082	
55	364	\$ 86,045	\$ 162,658	\$ 79,417	\$ 69,034	\$ 103,554	\$ 5,050	\$ 78,373	\$ 204,082	\$ 210,864	\$ 999,076	
56	365	\$ 33,239	\$ 58,654	\$ 22,791	\$ 16,552	\$ 106,066	\$ 4,909	\$ 20,462	\$ 52,427	\$ 57,096	\$ 372,196	
57	366	\$ 1,229	\$ (170)	\$ (5)	\$ 77	\$ 132	\$ -	\$ -	\$ 1,060	\$ 47	\$ 2,370	
58	367	\$ 842	\$ (199)	\$ (6)	\$ -	\$ 3,014	\$ 68	\$ -	\$ 1,246	\$ 199	\$ 5,164	
59	369	\$ (44)	\$ 5,171	\$ (813)	\$ 1,899	\$ 3,752	\$ (56)	\$ 2,901	\$ 8,820	\$ 2,646	\$ 24,276	
60	ROW System Hardening	\$ 608,501	\$ 27,830	\$ 53,227	\$ 41,579	\$ 11,460	\$ (1,279)	\$ 115,603	\$ 1,677	\$ 65,100	\$ 923,698	
61	364	\$ 608,563	\$ 18,510	\$ 20,263	\$ 7,309	\$ 8,540	\$ (1,194)	\$ 113,140	\$ 5,548	\$ 44,653	\$ 825,332	
62	365	\$ (61)	\$ 9,320	\$ 27,005	\$ 32,100	\$ 4,077	\$ (111)	\$ (6)	\$ (3,871)	\$ 20,447	\$ 88,900	
63	367	\$ -	\$ -	\$ 5,959	\$ 2,170	\$ (1,158)	\$ 27	\$ (54)	\$ -	\$ -	\$ 6,943	
64	369	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,523	\$ -	\$ -	\$ 2,523	
65	4 & 12 kV Substations	\$ 251,794	\$ 257,307	\$ 69,783	\$ 482,964	\$ 4,275	\$ 231,375	\$ (3,882)	\$ 129,500	\$ 78,898	\$ 1,502,015	
66	364	\$ 123,918	\$ 91,320	\$ 18,312	\$ 87,556	\$ (1,936)	\$ 37,573	\$ (855)	\$ 42,855	\$ 3,082	\$ 401,827	
67	365	\$ 106,577	\$ 104,465	\$ 31,018	\$ 313,260	\$ 11,097	\$ 152,444	\$ (2,143)	\$ 81,035	\$ 75,243	\$ 872,995	
68	366	\$ -	\$ 37,699	\$ 1,019	\$ 970	\$ (64)	\$ 9,466	\$ (680)	\$ (55)	\$ (5)	\$ 48,349	
69	367	\$ 15,370	\$ 19,155	\$ 5,665	\$ 73,839	\$ (4,564)	\$ 28,496	\$ (168)	\$ 4,308	\$ 512	\$ 142,612	
70	368	\$ 5,929	\$ 25	\$ 13,539	\$ 7,089	\$ (257)	\$ 2,458	\$ (21)	\$ 1,357	\$ 52	\$ 30,171	
71	369	\$ -	\$ 4,643	\$ 230	\$ 251	\$ -	\$ 939	\$ (15)	\$ -	\$ 15	\$ 6,062	
72	OCB Replacements	\$ 996,725	\$ 12,952	\$ 1,557	\$ 15,101	\$ 213	\$ 3,000	\$ 970	\$ 519	\$ -	\$ 1,031,036	
73	362	\$ 996,725	\$ 12,952	\$ 1,557	\$ 15,101	\$ 213	\$ 3,000	\$ 970	\$ 519	\$ -	\$ 1,031,036	
74	Enhanced Tree Trimming	\$ 1,303,954	\$ 1,041,103	\$ 601,783	\$ 734,313	\$ (349,556)	\$ 649,634	\$ -	\$ -	\$ -	\$ 3,981,231	
75	365	\$ 1,303,954	\$ 1,041,103	\$ 601,783	\$ 734,313	\$ (349,556)	\$ 649,634	\$ -	\$ -	\$ -	\$ 3,981,231	
76	Full Width ROW Clearing	\$ 27,476	\$ 57,849	\$ 42,097	\$ -	\$ 311,897	\$ 30,537	\$ -	\$ -	\$ -	\$ 469,856	
77	365	\$ 27,476	\$ 57,849	\$ 42,097	\$ -	\$ 311,897	\$ 30,537	\$ -	\$ -	\$ -	\$ 469,856	
78	Hazard Tree Removal	\$ (280,603)	\$ 318,735	\$ (301,028)	\$ -	\$ (387,068)	\$ -	\$ -	\$ -	\$ -	\$ (649,964)	
79	365	\$ (280,603)	\$ 318,735	\$ (301,028)	\$ -	\$ (387,068)	\$ -	\$ -	\$ -	\$ -	\$ (649,964)	
80	Total July 2016 to March 2017	\$ 8,429,261	\$ 5,333,232	\$ 3,585,119	\$ 4,044,545	\$ 984,742	\$ 2,836,234	\$ 1,353,152	\$ 2,743,921	\$ 3,802,944	\$ 33,113,151	

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
BUDGETED INVESTMENTS PLACED IN SERVICE BY ACCOUNT
FOR THE PERIOD APRIL 2017 THROUGH JUNE 2017

Line	Account	Actual Jul 15 to Jun 16	Actual Jul 16 to Mar 17	Total	Forecast Budget Allocation	Forecast Apr 2017	Forecast May 2017	Forecast Jun 2017	24 Month Total
1	303	\$ -	\$ 5,281,594	\$ 5,281,594	0.00%	\$ -	\$ -	\$ -	\$ 5,281,594
2	362	\$ 1,196,353	\$ 2,974,056	4,170,410	6.76%	520,560	520,560	520,560	5,732,088
3	364	\$ 2,285,918	\$ 3,598,718	5,884,637	9.54%	734,533	734,533	734,533	8,088,236
4	365	\$ 27,893,208	\$ 16,048,252	43,941,460	71.24%	5,484,868	5,484,868	5,484,868	60,396,065
5	366	\$ 613,807	\$ 529,213	1,143,020	1.85%	142,674	142,674	142,674	1,571,043
6	367	\$ 1,454,872	\$ 2,357,168	3,812,040	6.18%	475,827	475,827	475,827	5,239,522
7	368	\$ 13,049	\$ 45,810	58,859	0.10%	7,347	7,347	7,347	80,900
8	369	\$ 169,354	\$ 165,517	334,872	0.54%	41,799	41,799	41,799	460,270
9	371	\$ -	\$ -	-	0.00%	-	-	-	-
10	373	\$ -	\$ -	-	0.00%	-	-	-	-
11	391	\$ -	\$ -	-	0.00%	-	-	-	-
12	397	\$ 222,015	\$ 2,112,822	2,334,837	3.79%	291,439	291,439	291,439	3,209,156
13	Total	\$ 33,848,578	\$ 33,113,151	\$ 66,961,729		\$ 7,699,048	\$ 7,699,048	\$ 7,699,048	\$ 90,058,873

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
RELIABILITY ENHANCEMENT PROGRAM BUDGET
JULY 1, 2017 TO DECEMBER 31, 2017
(Dollars in 000s)

Capital Program	Jul 2017	Aug 2017	Sept 2017	Oct 2017	Nov 2017	Dec 2017	Jul 2017 to Jun 2018	Description
Pole Top Distribution Automation	\$ 390	\$ 390	\$ 390	\$ 390	\$ 390	\$ 390	\$ 2,340	Install Pole - Top Devices with SCADA Control.
Account 362	0	0	0	0	0	0	2	The plan is to install 30 of these devices in the July to December period. Please
Account 364	9	9	9	9	9	9	52	refer to Attachment LL-1 for a detailed listing of the device locations.
Account 365	381	381	381	381	381	381	2,285	
Account 366	0	0	0	0	0	0	0	
Account 367	0	0	0	0	0	0	1	
Account 369	0	0	0	0	0	0	0	
Substation Automation	\$ 56	\$ 56	\$ 56	\$ 56	\$ 56	\$ 56	\$ 336	Expand SCADA control to 4 and 12 kV substations.
Account 362	2	2	2	2	2	2	10	The plan is to install SCADA to 4 substations in the July to December period.
Account 397	54	54	54	54	54	54	326	Please refer to Attachment LL-1 for additional information on the substation automation.
ROW System Hardening	\$ 112	\$ 112	\$ 112	\$ 112	\$ 112	\$ 112	\$ 670	Rebuild portions of lines in ROW to improve operational performance.
Account 364	97	97	97	97	97	97	579	The plan is: 1) replace structures and eliminate Heatherlite construction on the
Account 365	14	14	14	14	14	14	85	316 line and 2) replace open wire 266 MCM ACSR on the 3891 line with 477 MCM
Account 367	1	1	1	1	1	1	4	Spacer Cable. Please refer to Attachment LL-1 for additional information on the 2
Account 369	0	0	0	0	0	0	2	ROW System Hardening projects.
Hit List Reliability Enhancements	\$ 115	\$ 115	\$ 115	\$ 115	\$ 115	\$ 115	\$ 690	Provides funding for numerous electric service reliability projects, each of which costs less than \$50k.
Account 364	25	25	25	25	25	25	152	Please refer to Attachment LL-1 for detailed information on the specific projects
Account 365	86	86	86	86	86	86	517	proposed.
Account 366	0	0	0	0	0	0	1	
Account 367	1	1	1	1	1	1	4	
Account 368	1	1	1	1	1	1	7	
Account 369	1	1	1	1	1	1	8	
Circuit Tie Construction	\$ -	\$ -	\$ -	\$ 2,000	\$ 500	\$ -	\$ 2,500	Construct circuit ties for large radial lines.
Account 364	-	-	-	425	106	-	532	The plan is to complete 2 circuit ties. Please refer to Attachment LL-1 for a
Account 365	-	-	-	1,520	380	-	1,900	detailed description of the 2 projects.
Account 366	-	-	-	4	1	-	5	
Account 367	-	-	-	17	4	-	22	
Account 369	-	-	-	33	8	-	42	
Enhanced Tree Trimming	327	327	327	327	327	327	1,964	Trim main lines to create ground to sky clearance versus standard maintenance trim zone.
Account 365	327	327	327	327	327	327	1,964	Plan is to trim roughly 49 miles across 8 circuits. Please refer to Attachment LL-1 for detailed information on the specific projects proposed.
Hazard Tree Removal	167	167	167	167	167	167	1,000	Remove trees greater than 16 inches in diameter within and outside the trim zone that are identified as a hazard.
Account 365	167	167	167	167	167	167	1,000	Hazard trees are identified by Company arborist when reviewing circuits scheduled from trimming.
Full Width ROW Clearing	83	83	83	83	83	83	500	Clear ROW's to the full extent of the easements.
Account 365	83	83	83	83	83	83	500	Reclaim 4.5 miles of the 314 line ROW and 2.7 miles of the 3425 line ROW. Please refer to Attachment LL-1 for additional information on the projects proposed.
Total Capital	\$ 1,250	\$ 1,250	\$ 1,250	\$ 3,250	\$ 1,750	\$ 1,250	\$ 10,000	

O&M Expense	Jul 2017	Aug 2017	Sept 2017	Oct 2017	Nov 2017	Dec 2017	Jul 2017 to Jun 2018
O&M Portion of Capital	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	600
Trouble Shooter Organization	200	200	200	200	200	200	1,200
ROW Maintenance	10	10	10	10	10	10	60
Total O&M Expense	\$ 310	\$ 310	\$ 310	\$ 310	\$ 310	\$ 310	\$ 1,860

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PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
DISTRIBUTION RATE CHANGE DUE TO AMORITIZATION RUN OFFS
JULY 1, 2017 DISTRIBUTION RATE CHANGE

Line	Non REP Rate Reductions	Amount	Description
1	2008 Ice Storm Amortization (Ends Jun 2017)	\$ (6,263,568)	Annual Amount
2	Medicare 66 Month Amortization (Ends Dec 2016)	(1,333,000)	Annual Amount
3	Medicare 66 Month Amortization (Ends Dec 2016*)	(689,960)	January 2017 to June 2017
4	2010 Wind Storm Amortization (Ends Jun 2017**)	(3,010,000)	Annual Amount
5	Total	<u>\$ (11,296,528)</u>	Line 1 + Line 2 + Line 3 + Line 4
6	Forecasted MWh (July 2017 to June 2018)	7,828,560	Company Forecast
7	Average Distribution Rate Change (cents/kWh)	(0.144)	Line 5 / Line 6 / 10

*Includes interest at Stipulated Rate of Return

**Removed from REP Funding

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
Calculation of Monthly Distribution Rates for Effect July 1, 2017
Reflecting an Average Adjustment for Amortization Run Offs of -0.144 cents/kWh and
An Average Adjustment for the Reliability Enhancement Program (REP) of 0.058 cents/kWh

Docket No. DE 17-076

Dated 6/02/2017

Attachment CJG-4

Page 1 of 2

Average distribution revenue levels (cents/kWh)

Current (07/01/2016) revenue level based on 2014 billing determinants	4.438
Amortization run off adjustment (from Attachment CJG-3, Line 7)	(0.144)
REP distribution adjustment (from Attachment CJG-1, Line 13)	0.058

<u>Rate Schedule</u>	<u>Charge</u>	(1) Current Rates Effective 07/01/2016	(2) Adjustment for Amortization Run Offs	(3) Adjustment for REP	(4) Proposed Rates For Effect 07/01/2017
Residential Rate R	Customer charge	\$ 12.89	\$ (0.42)	\$ 0.17	\$ 12.64
	All KWH	\$ 0.04207	\$ (0.00137)	\$ 0.00055	\$ 0.04125
Uncontrolled Water Heating	Meter charge	\$ 4.54	\$ (0.15)	\$ 0.06	\$ 4.45
	All KWH	\$ 0.02062	\$ (0.00067)	\$ 0.00027	\$ 0.02022
Controlled Water Heating	Meter charge	\$ 8.01	\$ (0.26)	\$ 0.10	\$ 7.85
	All KWH	\$ 0.00122	\$ (0.00004)	\$ 0.00002	\$ 0.00120
Residential Rate R-OTOD	Customer charge	\$ 29.93	\$ (0.97)	\$ 0.39	\$ 29.35
	On-peak KWH	\$ 0.13444	\$ (0.00436)	\$ 0.00176	\$ 0.13183
	Off-peak KWH	\$ 0.00196	\$ (0.00006)	\$ 0.00003	\$ 0.00192
General Service Rate G	Single phase customer charge	\$ 15.12	\$ (0.49)	\$ 0.20	\$ 14.83
	Three phase customer charge	\$ 30.23	\$ (0.98)	\$ 0.40	\$ 29.64
	Load charge (over 5 KW)	\$ 8.86	\$ (0.29)	\$ 0.12	\$ 8.69
	First 500 KWH	\$ 0.07097	\$ (0.00230)	\$ 0.00093	\$ 0.06959
	Next 1,000 KWH	\$ 0.01758	\$ (0.00057)	\$ 0.00023	\$ 0.01724
	All additional KWH	\$ 0.00622	\$ (0.00020)	\$ 0.00008	\$ 0.00610
Space Heating	Meter charge	\$ 3.03	\$ (0.10)	\$ 0.04	\$ 2.97
	All KWH	\$ 0.03480	\$ (0.00113)	\$ 0.00045	\$ 0.03413
General Service Rate G-OTOD	Single phase customer charge	\$ 39.18	\$ (1.27)	\$ 0.51	\$ 38.42
	Three phase customer charge	\$ 55.98	\$ (1.82)	\$ 0.73	\$ 54.90
	Load charge	\$ 12.34	\$ (0.40)	\$ 0.16	\$ 12.10
	On-peak KWH	\$ 0.04978	\$ (0.00162)	\$ 0.00065	\$ 0.04882
	Off-peak KWH	\$ 0.00780	\$ (0.00025)	\$ 0.00010	\$ 0.00765
Load Controlled Service Rate LCS	Radio-controlled option	\$ 9.25	\$ (0.30)	\$ 0.12	\$ 9.07
	8, 10 or 11-hour option	\$ 8.01	\$ (0.26)	\$ 0.10	\$ 7.85
	Switch option	\$ 9.25	\$ (0.30)	\$ 0.12	\$ 9.07
	Radio-controlled option (all KWH)	\$ 0.00122	\$ (0.00004)	\$ 0.00002	\$ 0.00120
	8-hour option (all KWH)	\$ 0.00122	\$ (0.00004)	\$ 0.00002	\$ 0.00120
	10 or 11-hour option (all KWH)	\$ 0.02486	\$ (0.00081)	\$ 0.00032	\$ 0.02438
Primary General Service Rate GV	Customer charge	\$ 197.09	\$ (6.39)	\$ 2.58	\$ 193.27
	First 100 KW	\$ 5.67	\$ (0.18)	\$ 0.07	\$ 5.56
	All additional KW	\$ 5.43	\$ (0.18)	\$ 0.07	\$ 5.32
	First 200,000 KWH	\$ 0.00616	\$ (0.00020)	\$ 0.00008	\$ 0.00604
	All additional KWH	\$ 0.00517	\$ (0.00017)	\$ 0.00007	\$ 0.00507
Large General Service Rate LG	Customer charge	\$ 616.04	\$ (19.99)	\$ 8.05	\$ 604.10
	Demand charge	\$ 4.82	\$ (0.16)	\$ 0.06	\$ 4.73
	On-peak KWH	\$ 0.00516	\$ (0.00017)	\$ 0.00007	\$ 0.00506
	Off-peak KWH	\$ 0.00435	\$ (0.00014)	\$ 0.00006	\$ 0.00427
Backup Service Rate B	Administrative charge	\$ 347.23	\$ (11.27)	\$ 4.54	\$ 340.50
	Translation charge	\$ 58.25	\$ (1.89)	\$ 0.76	\$ 57.12
	Demand charge*	\$ 4.55	\$ (0.15)	\$ 0.06	\$ 4.46
	All KWH*	(the energy charges contained in the Standard Rate)			

Notes:

Column (2): Rates in Column (1) X (-0.144/4.438)

Column (3): Rates in Column (1) X (0.058/4.438)

Column (4): Column (1) + Column (2) + Column (3). Amounts may not total due to rounding.

* These charges do not apply to customers who take service at 115,000 volts or higher.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
Calculation of Monthly Distribution Rates for Effect July 1, 2017
Reflecting an Average Adjustment for Amortization Run Offs of -0.144 cents/kWh and
An Average Adjustment for the Reliability Enhancement Program (REP) of 0.058 cents/kWh

Docket No. DE 17-076

Dated 6/02/2017

Attachment CJG-4

Page 2 of 2

<u>Rate Schedule</u>	<u>Charge</u>	(1) Current Rates Effective <u>07/01/2016</u>	(2) Adjustment for Amortization Run Offs	(3) Adjustment for REP	(4) Proposed Rates For Effect <u>07/01/2017</u>
Outdoor Lighting Rate OL	High Pressure Sodium 4,000 L	\$ 16.08	\$ (0.52)	\$ 0.21	\$ 15.77
	High Pressure Sodium 5,800 L	\$ 16.08	\$ (0.52)	\$ 0.21	\$ 15.77
	High Pressure Sodium 9,500 L	\$ 21.38	\$ (0.69)	\$ 0.28	\$ 20.97
	High Pressure Sodium 16,000 L	\$ 30.24	\$ (0.98)	\$ 0.40	\$ 29.65
	High Pressure Sodium 30,000 L	\$ 30.99	\$ (1.01)	\$ 0.41	\$ 30.39
	High Pressure Sodium 50,000 L	\$ 31.34	\$ (1.02)	\$ 0.41	\$ 30.73
	High Pressure Sodium 130,000 L	\$ 50.29	\$ (1.63)	\$ 0.66	\$ 49.32
	High Pressure Sodium 12,000 L	\$ 22.11	\$ (0.72)	\$ 0.29	\$ 21.68
	High Pressure Sodium 34,200 L	\$ 28.31	\$ (0.92)	\$ 0.37	\$ 27.76
	Mercury 3,500 L	\$ 14.18	\$ (0.46)	\$ 0.19	\$ 13.91
	Mercury 7,000 L	\$ 17.06	\$ (0.55)	\$ 0.22	\$ 16.73
	Mercury 11,000 L	\$ 21.10	\$ (0.68)	\$ 0.28	\$ 20.69
	Mercury 20,000 L	\$ 26.05	\$ (0.85)	\$ 0.34	\$ 25.55
	Mercury 56,000 L	\$ 41.41	\$ (1.34)	\$ 0.54	\$ 40.61
	Mercury 15,000 L	\$ 24.14	\$ (0.78)	\$ 0.32	\$ 23.67
	Metal Halide 5,000 L	\$ 16.78	\$ (0.54)	\$ 0.22	\$ 16.45
	Metal Halide 8,000 L	\$ 22.95	\$ (0.74)	\$ 0.30	\$ 22.51
	Metal Halide 13,000 L	\$ 31.50	\$ (1.02)	\$ 0.41	\$ 30.89
	Metal Halide 13,500 L	\$ 32.17	\$ (1.04)	\$ 0.42	\$ 31.55
	Metal Halide 20,000 L	\$ 32.17	\$ (1.04)	\$ 0.42	\$ 31.55
	Metal Halide 36,000 L	\$ 32.46	\$ (1.05)	\$ 0.42	\$ 31.83
	Metal Halide 100,000 L	\$ 48.66	\$ (1.58)	\$ 0.64	\$ 47.72
	Incandescent 600 L	\$ 9.26	\$ (0.30)	\$ 0.12	\$ 9.08
	Incandescent 1,000 L	\$ 10.34	\$ (0.34)	\$ 0.14	\$ 10.14
	Incandescent 2,500 L	\$ 13.27	\$ (0.43)	\$ 0.17	\$ 13.01
	Incandescent 6,000 L	\$ 22.79	\$ (0.74)	\$ 0.30	\$ 22.35
	Fluorescent 20,000 L	\$ 35.33	\$ (1.15)	\$ 0.46	\$ 34.65
Outdoor Lighting Rate EOL	High Pressure Sodium 4,000 L	\$ 8.56	\$ (0.28)	\$ 0.11	\$ 8.39
	High Pressure Sodium 5,800 L	\$ 8.56	\$ (0.28)	\$ 0.11	\$ 8.39
	High Pressure Sodium 9,500 L	\$ 10.52	\$ (0.34)	\$ 0.14	\$ 10.32
	High Pressure Sodium 16,000 L	\$ 11.57	\$ (0.38)	\$ 0.15	\$ 11.35
	High Pressure Sodium 30,000 L	\$ 11.57	\$ (0.38)	\$ 0.15	\$ 11.35
	High Pressure Sodium 50,000 L	\$ 11.94	\$ (0.39)	\$ 0.16	\$ 11.71
	High Pressure Sodium 130,000 L	\$ 22.67	\$ (0.74)	\$ 0.30	\$ 22.23
	Metal Halide 5,000 L	\$ 8.89	\$ (0.29)	\$ 0.12	\$ 8.72
	Metal Halide 8,000 L	\$ 11.75	\$ (0.38)	\$ 0.15	\$ 11.52
	Metal Halide 13,000 L	\$ 12.54	\$ (0.41)	\$ 0.16	\$ 12.30
	Metal Halide 13,500 L	\$ 13.21	\$ (0.43)	\$ 0.17	\$ 12.95
	Metal Halide 20,000 L	\$ 13.43	\$ (0.44)	\$ 0.18	\$ 13.17
	Metal Halide 36,000 L	\$ 13.81	\$ (0.45)	\$ 0.18	\$ 13.54
	Metal Halide 100,000 L	\$ 24.60	\$ (0.80)	\$ 0.32	\$ 24.12
	LED's and other approved technologies				
	Per fixture	\$ 3.43	\$ (0.11)	\$ 0.04	\$ 3.36
	Per watt	\$ 0.0521	\$ (0.0017)	\$ 0.0007	\$ 0.0511

Notes:

Column (2): Rates in Column (1) X (-0.144/4.438)

Column (3): Rates in Column (1) X (0.058/4.438)

Column (4): Column (1) + Column (2) + Column (3). Amounts may not total due to rounding.

REP CAPITAL PLAN
July – December 2017
Budget Summary by Program
(\$'s in thousands)

	Jul-Dec 2017
Distribution Automation	
Pole Top Distribution Automation	\$2,340
Substation Automation	336
Subtotal	\$2,676
OH System Reliability	
ROW System Hardening	\$670
Hit List Reliability Enhancements	690
Circuit Tie Construction	2,500
Subtotal	\$3,860
Subtotal before Vegetation Management	\$6,536
Vegetation Management	
ETT	\$1,964
Hazard Tree Removal	1,000
Full Width ROW Clearing	500
Subtotal	\$3,464
Total REP 4 Capital	\$10,000
O&M	
O&M Portion of Capital	\$600
Troubleshooter Organization	1,200
DA & ROW Maintenance	60
Total O&M	\$1,860

DISTRIBUTION AUTOMATION/SCADA

Pole Top Distribution Automation Devices:

Program Description: Install Pole-Top Devices with SCADA control.

Total Unit Population: Install switches or reclosers and associated communications equipment to allow sectionalizing of customers into blocks of 500 or fewer.

Reliability Benefit: Remote control of sectionalizing devices allows operators in the company's dispatch centers to respond to troubles by sectionalizing down to the fewest number of customers impacted. This decreases the duration of outages experienced by customers by restoring power where possible and minimizing the area which responding crews have to patrol.

2017 Plan: These devices average \$78,000 per installation. The plan for the REP extension is to install 30 of these devices, at the locations shown below.

Planned Plant in Service: \$2,340,000

Region	AWC	Circuit #	2016 Hit List Rank	Pole #	New Device Name	Street Address	Town	Road ROW	Device Application	Pri Volt
Central	Bedford	18W3	179	76/12	18W3R1	Putnam St	Manchester	Road	Recloser	12.47
Central	Bedford	3197	189	1/198	3197J30	DW Hwy	Merrimack	Road	Switch	34.5
Central	Hooksett	3184	11	8/0213	3184J21	So. Mammoth Rd	Londonderry	Road	Switch	34.5
Central	Hooksett	3184	11	8/0215	3184J20	So. Mammoth Rd	Londonderry	Road	Switch	34.5
Eastern	Rochester	371X4	95	371/175		WhiteHall Road	Rochester	ROW	Recloser	34.5
Eastern	Rochester	3148X2	56	119/A24		Cocheco St	Dover	Road	Recloser	34.5
Eastern	Rochester	362X2	183	463/3X2D		Spring St	Farmington	Road	Recloser	34.5
Eastern	Epping	3137X	5	8/ 350X	3137J20	Rte 4/Hall Rd	Nottingham	Road	Switch	34.5
Eastern	Epping	3137X	5	8/ 299	3137J25	Rte 4/Freeman Hall	Nottingham	Road	Switch	34.5
Eastern	Epping	3137X	5	3137X/146	3137J60	ROW	Northwood	ROW	Switch	34.5
Eastern	Epping	3137X	5	3137X/144Y	3137J61	ROW	Northwood	ROW	Switch	34.5
Eastern	Epping	3137X	5	3137X/224		Ridge Rd/ROW	Northwood	ROW	Switch	34.5
Eastern	Epping	3115X	13	5/11		Nottingham Rd	Raymond	Road	Switch	34.5
Eastern	Epping	3115X12	42	3115/251		Nottingham Rd/ROW	Raymond	ROW	Switch	34.5
Eastern	Epping	3115X	13	3115/250		Nottingham Rd/ROW	Raymond	ROW	Switch	34.5
Eastern	Epping	3115X	13	3115/271		Harriman Hill Rd/ROW	Raymond	ROW	Switch	34.5
Northern	Tilton	3114X	58	23/201		Ragged Mtn Hwy	Danbury	Road	Recloser	12.47
Southern	Derry	3115X	13	5/27	3115X1	Route 122	Chester	Road	Recloser	34.5
Southern	Derry	3115X	13	5/25	3115J1	Route 121	Chester	Road	Switch	34.5
Southern	Derry	3128X	6	11/38		High Range Rd.	Londonderry	Road	Recloser	34.5
Southern	Derry	8W1	187	65/5C		Manning St.	Derry	Road	Switch	12.47
Southern	Nashua	3144	93	103/12Z	3144X3	Dracut Rd	Hudson	Road	Recloser	34.5
Southern	Nashua	3110X	105	39 / 41	3110J20	Milford Road	Merrimack	Road	Switch	34.5
Western	Keene	3173	36	3173/35		West Main St	Hillsborough	Road	Switch	34.5
Western	Keene	3140X1	119	39/65		Salmon Brook Rd	Antrim	ROW	Switch	34.5
Western	Newport	46H1	131	3G/1X	315X2	Route 11	Newport	ROW	Recloser	34.5
Western	Newport	316	15	316/223		RTE 114	New London	Road	Switch	34.5
Western	Newport	316	15	316/437		RTE 114	Sutton	Road	Switch	34.5
Western	Newport	75W2	71	30/32		Broad St	Claremont	Road	Switch	12.47
Western	Newport	75W2	71	301/18		South St	Claremont	Road	Recloser	12.47

Substation Automation:

Program Description:	Expand SCADA control to 4 and 12 kV substations.
Total Unit Population:	At the start of this program, there were 162 substations on the system which did not have SCADA control. The ultimate goal of the program is to automate all substations. As of June 30, 2017 automation will have been added to 33 substations, leaving 129 to be completed.
Reliability Benefit:	Remote indication and control of substation circuit breakers allows quicker response to outages by providing operators with indication when the devices operate. Operators are then able to remotely operate the circuit breakers to assist crews working in the field, thereby shortening the duration of outages.
2017 Plan:	Adding SCADA to existing substations has averaged \$84,000 per substation. The plan is to add SCADA to Hanover Street substation in Manchester, South Peterborough substation in Peterborough, Long Hill Distribution substation in Nashua, and Merrimack Distribution substation in Merrimack. Taken together these stations serve approximately 5500 customers.
Planned Plant in Service:	\$336,000

OVERHEAD SYSTEM RELIABILITY:

Circuit Tie Construction:

Program Description:	Construct circuit ties for large radial circuits which would allow a backup source of power with Distribution Automation.
Reliability Benefit:	Constructing circuit ties and installing associated distribution automation devices allows for restoration of service to the majority of the customers fed from these circuits while repairs are made to the cause of the outage.
2017 Plan:	Complete two circuit ties, as described below. These circuits were chosen due to their poor performance and resulting placement on the annual hit list. These projects were proposed based on the 2015 Hit List due to the time required to design and construct projects of this scale. The circuits are also in the worst 50 on the 2016 Hit List.
Planned Plant in Service:	\$2,500,000

Circuit Tie 362X2 to 3157X1

Farmington, Middleton, and Wakefield, NH

Project Need Statement

Create a circuit tie between the 362X2 and 3157X1 circuits. This would also create a tie with the 3157X3 circuit along Route 153 in Farmington, Middleton, and Wakefield, NH to provide alternate sources for the 3 circuits. The 3157X1 was #5 and the 3157X3 was #24 on the 2015 Hit List ranking. (numbers 9 and 48 respectively on the 2016 ranking). The 362X2 was number 98 in 2015 and 183 in 2016.

Project Objectives

The construction of this line will provide an alternate feed to approximately 7500 customers on the 3157X circuits as well as 640 customers on the 362X2 circuit.

Project Scope

This is a project to convert and reconductor approximately 8.30 miles along Route 153 in Farmington, Middleton, and Wakefield to 34.5 kV three phase and will utilize 477 MCM spacer cable. Authorization amount is the estimated cost to design the project in the STORMS system and provide appropriate Engineering support of the process.

Background / Justification

Both the 3157X1 and 3157X3 circuits are long radial circuits feeding approximately 8100 customers combined. Both circuits are on the top 50 worst performing circuits list for 2015 and 2016. Construction of this project will also allow for installation of Distribution Automation to reduce the number of customers affected by outages and to speed restoration of service. Sanbornville S/S is at the end of the 3157X1 circuit and experiences an average of one outage a year due to faults on the 3157X1 circuit. Sanbornville S/S serves approximately 3,400 customers.

Business Process and / or Technical Improvements:

This project is intended to address poor performing circuits.

Cost Estimate and Assumptions

The project has been designed in the STORMS work management system which has provided an estimated cost of \$3,660,090. Approximately \$1,660,090 will be placed in service before June 30, 2017. The remaining \$2,000,000 will be placed in service before October 30, 2017.

Alternatives Considered with Cost Estimates

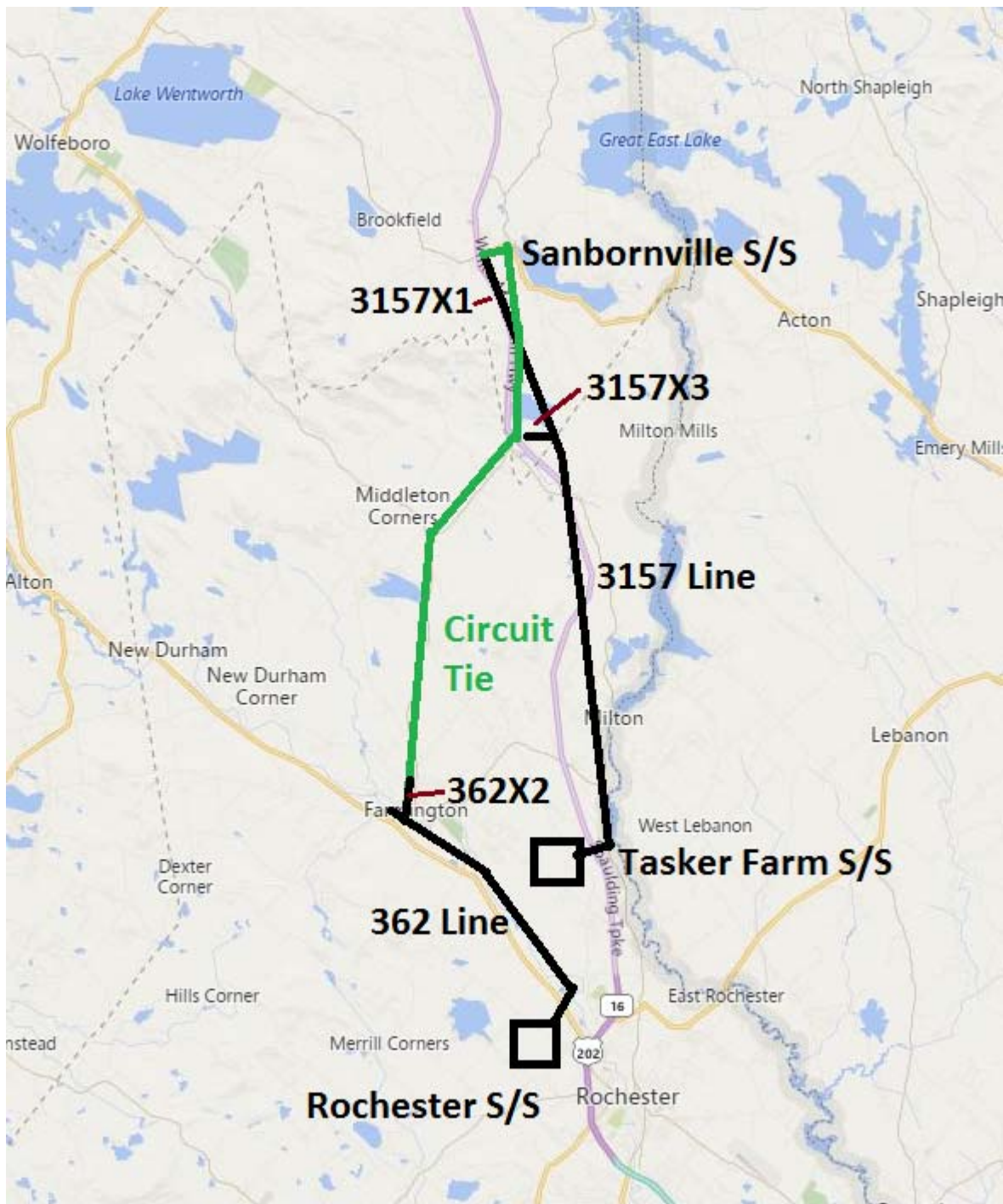
Distribution Automation devices have already been added to the 3157X1 circuit to create blocks of approximately 500 customers. Because this is a radial circuit, this has only marginally improved reliability. ETT has been performed on the 3157X1 circuit and has never been done for the 3157X3 or 362X2 circuits.

Project Schedule

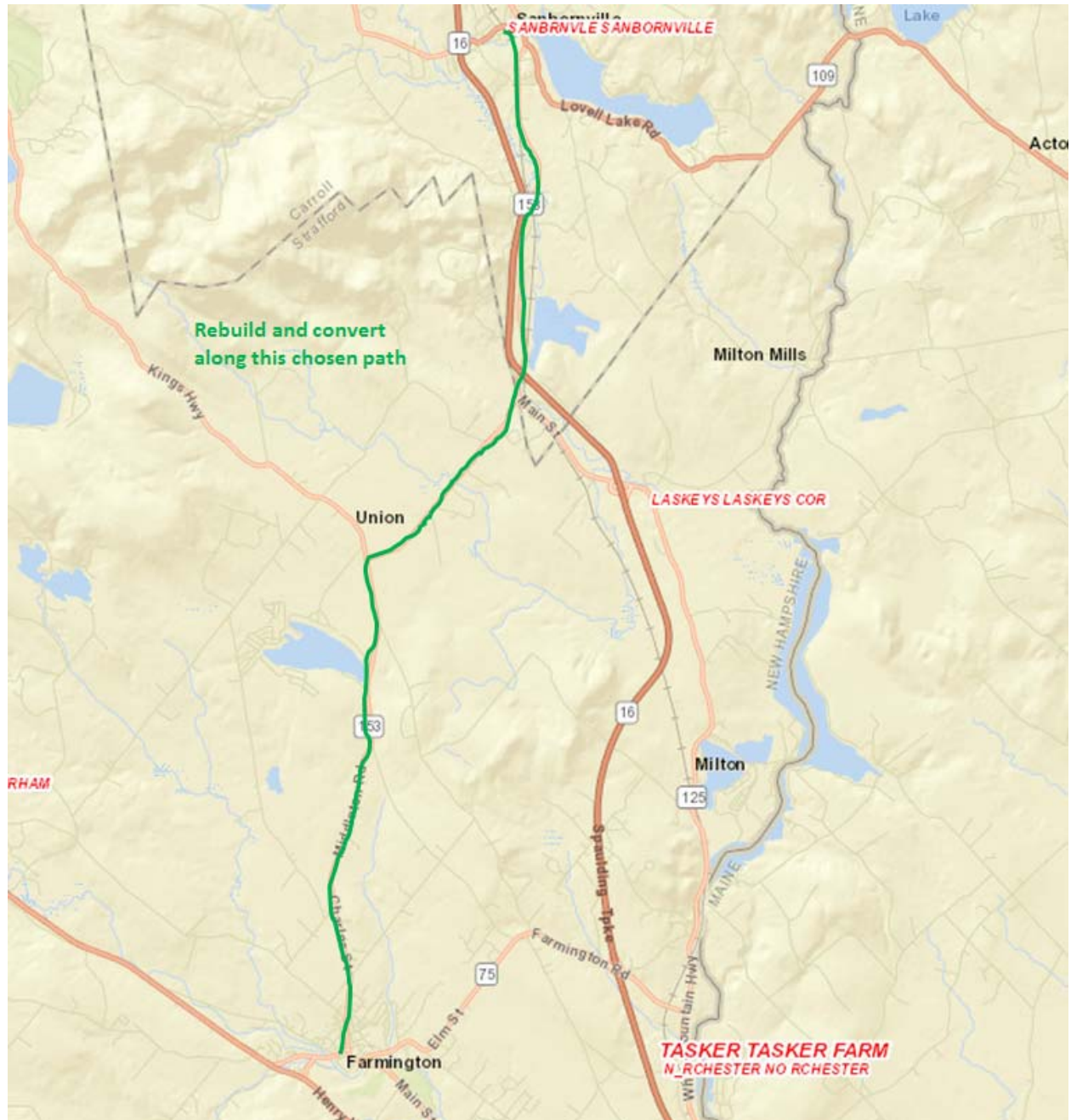
Milestone/Phase Name	Estimated Completion Date
Rebuild and convert 8.30 miles of line using three phase 34.5 kV spacer cable and associated equipment	10/30/2017

One-Line Diagrams, Attachments, and Images

Project Overview



Construction Route



Circuit Tie 3128X2 to 3128X3

Londonderry, NH

Project Need Statement

Create a circuit tie between the 3128X2 and 3128X3 taps off the 3128 circuit along High Range Rd in Londonderry, NH. This would create an alternate feed for 1733 customers on the 3128X2 circuit.

Project Objectives

Improve reliability by creating a circuit tie to the 3128X3. This will involve converting the stepped-down area beyond existing 28X2J1 to 34.5 kV, and filling in the single-phase section with three-phase to create a circuit tie to 3128X3.

Project Scope

Convert approximately 4500 feet of 4.16 kV line to 34.5 kV and install 2200 feet of new three phase 34.5 kV line. Project will include the removal of three main-line 19.9-2.4 kV step down and one 2.4-19.9 kV step up transformers and the addition of five new 19.9-2.4 kV steps for side taps. Install new normally open automated tie switch.

Background / Justification

The 3128X circuit is number 39 on the 2015 Hit List and number 6 on the 2016 list. Analysis included one vehicle accident on Pillsbury Rd. where customers beyond the 28X2J1 Scadamate could have been restored if a circuit tie were available.

Business Process and / or Technical Improvements:

Improve reliability metrics by decreasing the number of customers affected during outages beyond the 3128X2 recloser. Conversion to 34 kV will make it easier to build future back feeds to two underground developments which currently have no loop feeds, totaling 146 customers.

Cost Estimate and Assumptions

The project has been designed in the STORMS work management system which has provided an estimated cost of \$513,822.

Alternatives Considered with Cost Estimates

Both taps already have DA devices installed, but the 3128X2 is radial with no opportunity for a back-feed so additional DA devices would have minimal impact on reliability.

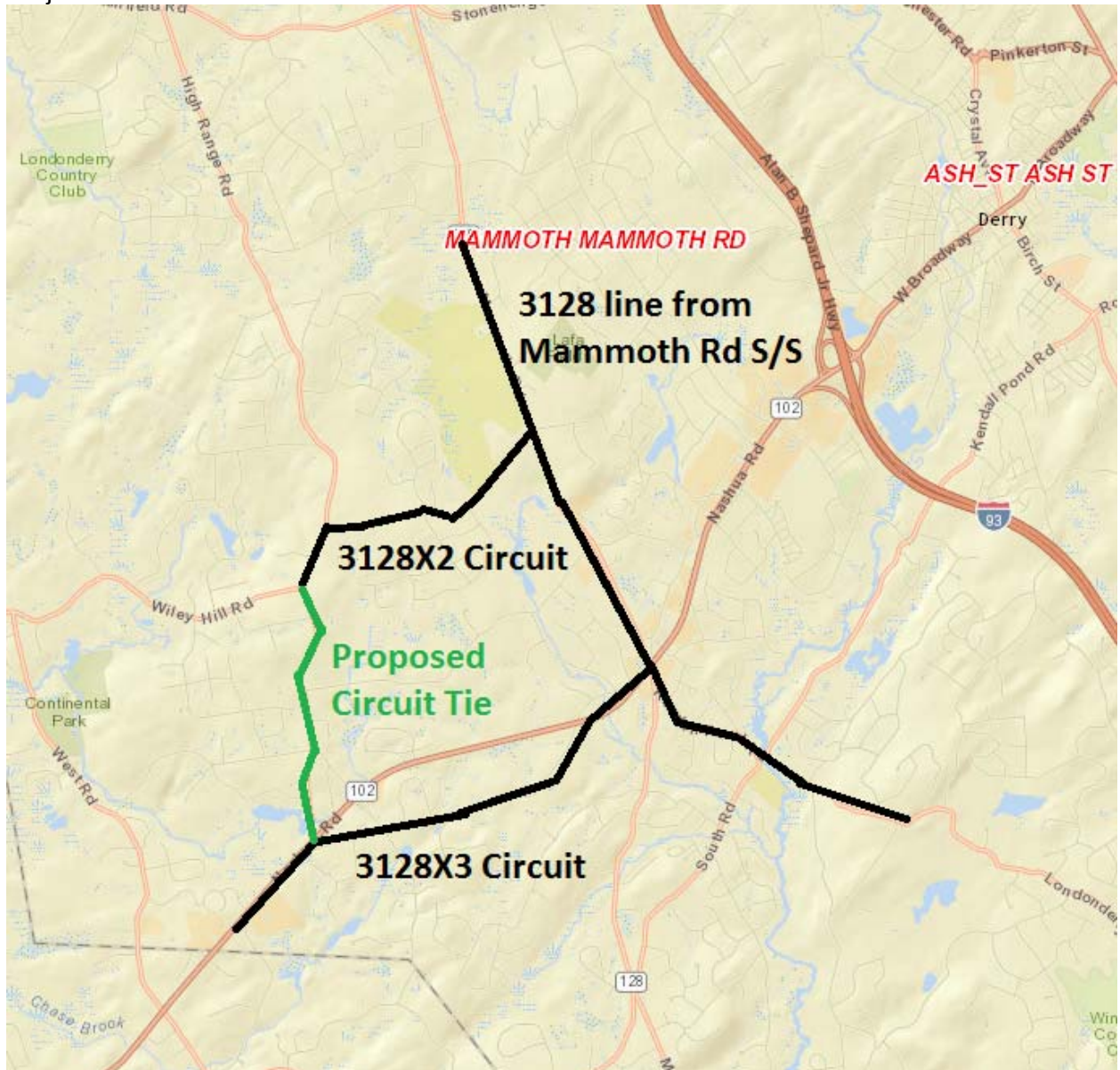
A circuit tie from the north would involve adding two phases to over 3 miles of line and would still leave all customers south of Pillsbury Rd on a radial line resulting in a much higher cost per saved customer minute.

Project Schedule

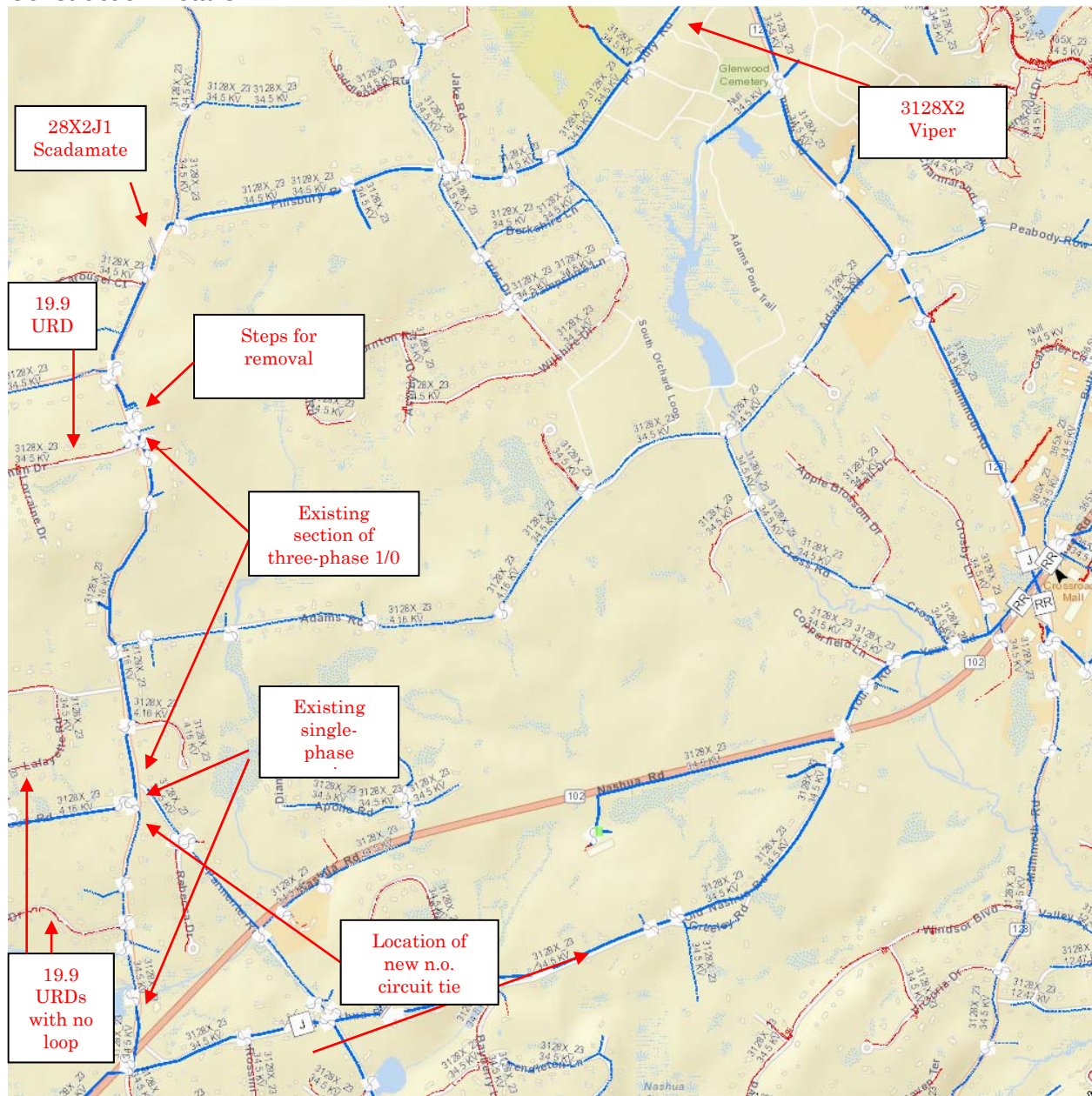
Milestone/Phase Name	Estimated Completion Date
Complete line work (Eversource)	11/01/2017

One-Line Diagrams, Attachments, and Images

Project Overview



Construction Details



ROW System Hardening:

Program Description:	This project provides funding for rebuilding portions of lines in ROW to improve operational performance. Typical work involves replacing poles and crossarms, additional guying and replacing insulators.
Reliability Benefit:	Strengthening ROW lines reduces the frequency of outages on these lines which are often in locations which are difficult to reach without specialized equipment and construction methods such as portable matting for crossing wetlands, resulting in long duration outages.
2017 Plan:	Two projects are planned for 2017, replacing structures and eliminating Heatherlite construction on the 316 line and replacing open wire 266 MCM ACSR on the 3891 line with 477 MCM Spacer Cable. The 316 line originates from North Road substation in Sunapee and is a perennial Worst Performing circuit. It is number 15 on the 2016 list. It serves 6,697 customers. Approximately 30 structures in the ROW portion of the circuit are constructed with Heatherlite brackets on small diameter short poles. This project will replace these structures and rebuild the line to crossarm construction. The 3891 line runs between Broad Street and Bridge Street substations in Nashua. Approximately 4,000 customers are fed from this line, including those served from Front Street and Millyard substations in Nashua. Most of the line is constructed with large diameter conductor, providing the ability to transfer load under a number of contingencies in the southern region. Two sections, totaling 0.82 miles, are constructed with smaller 266 ACSR, limiting this load transfer capability. This project will replace structures and reconductor those sections with 477 MCM spacer cable, resulting in a more resilient line and eliminating the load transfer bottleneck. This smaller conductor limited the ability to restore load in May of 2016 when the P-134 line which feeds Long Hill S/S, was lost.
Planned Plant in Service:	\$670,000

Worst Performing Circuits Reliability Improvements:

Program Description:	This project provides funding for a variety of activities relating to reliability of electric service, each of which costs less than \$50,000. This includes unfused lateral protection, recloser upgrades and installs, line construction to provide added phases or alternate feeds, switch and manual disconnect installations, and other specific capital work to improve circuit and area reliability. An initiative is underway to install single phase solid dielectric reclosers in place of fuses with large numbers of customers. The newly approved for use Spear reclosers are manufactured by Cooper.
Reliability Benefit:	All projects are intended to reduce the number of outages and/or reduce the number of customers affected by an outage. Projects are proposed based on outage history for a particular location.
2017 Plan:	Complete planned work as shown below.
Planned Plant in Service:	\$690,000

Region	AWC	Circuit	Description	STORMS #	Cost Estimate
W	Newport	316	IEWR W16-013-32 Add Side Tap Fusing to Improve Reliability - New London- 316 Line	2667592	\$ 1,023
C	Hooksett	325	Enhance reliability, improve ties between 325X2 and 325X7.	2878989	\$ 6,773
E	Rochester	362	Install fused cutouts - unfused lateral	2795734	\$ 3,079
W	Keene	3173	Spear Recloser - Whitney Road, Hillsborough	2917223	\$ 18,000
N	Newport	12W1	Fuse upgrade 12W1	2765143	\$ 16,765
E	Rochester	3148X4	Install fused C/O on two unfused laterals	2794008	\$ 3,709
C	Bedford	314X4	Replace Dale Street tap fuse with Spear	2913042	\$ 30,000
W	Keene	3155X4	Install Spear Recloser - Hwy 123 - New Ipswich	2917230	\$ 21,261
W	Newport	316X1	Install Single Phase Nova SPEAR Recloser - Yankee Barn Road- 316X1	2917390	\$ 17,798
C	Bedford	3173X1	Add 1PH Spear Deering Center	2915940	\$ 18,000
E	Rochester	3174X2	Install fused C/O's on three unfused laterals	2794430	\$ 2,968
E	Rochester	3174X4	Install fused C/O's on two unfused laterals	2794483	\$ 3,678
S	Nashua	3175X1	Replace Greeley St p.23 fuse with Spear recloser	2912894	\$ 30,000
S	Nashua	3211X	#24 - Replace 100E fuse with Spear - Robinson Road, Hudson	2922444	\$ 18,317
C	Bedford	322X12	Add 1PH Spear Jenkins Rd	2915960	\$ 18,000
C	Hooksett	324X10	Install Spear recloser to replace 1Ø fuse, Londonderry.		\$ 18,000
C	Bedford	334X14	Add 1PH Spear Goffstown Back	2915954	\$ 18,000
N	Newport	348X2	Replace Step and Two Reclosers	2744984	\$ 13,754
C	Bedford	360X5	Add 1PH Spear Chestnut Hill	2915948	\$ 18,000
C	Hooksett	3615X2	Install Spear recloser to replace 1Ø fuse, Hooksett.		\$ 18,000
C	Hooksett	3615X2	Install Spear recloser to replace 1Ø fuse, Auburn.		\$ 18,000
C	Hooksett	3615X3	Install Spear recloser to replace 1Ø fuse, Manchester.		\$ 18,000
C	Hooksett	393X20	Install Spear recloser to replace 1Ø fuse, Manchester.	2894437	\$ 18,000
N	Tilton (formerly Laconia)	398X3	Upgrade Fusing	2707150	\$ 2,000
E	Rochester	399X1	Fuse Coordination 399X11	2884212	\$ 2,961

Region	AWC	Circuit	Description	STORMS #	Cost Estimate
W	Newport	44H1	**46/54**CROYDON ADD FUSING EWR POLES 1/160, 19/10	2687637	\$ 3,311
C	Bedford	3155	Tap 3155 ROW with new Eversource only ROW pole to feed end half of 314X15. \$1.61 per customer minute saved. Hit List #26.	2880253	\$ 50,000
C	Hooksett	3179	Bouchard Street, Manchester - Replace DB Cable with Overhead Feed - Kelly Ave feed to N Star Steel (phase 1)	2713287	\$ 45,250
W	Newport	3410	High Street - Bradford - New Spear Recloser	2917416	\$ 18,000
S	Derry	3128X	Install 2 new reclosers to reduce outages from momentary causes.	2846017	\$ 50,000
S	Derry	3128X	Move cutout from first pole to main line pole.	2880232	\$ 2,500
C	Hooksett	3130X	Install step transformer, convert 2 sections to provide backfeed to 50 unit URD, Manchester.	2894454	\$ 10,000
S	Derry	3141X	Install additional inline disconnects to help sectionalize beyond 3141X1 and 41X1J1	2880241	\$ 2,500
S	Nashua	3241X	Anheuser Busch- Install New Back Up Feed for 2300 foot Direct Buried Cable - Anheuser Busch, Merrimack	2704513	\$ 40,000
C	Bedford	13W1/ 334X2	Add in line DXs between open point of 334X2 and 13W1	2915916	\$ 5,919
C	Hooksett	16W3	Spring Valley relo cutout/tree trimming	2908503	\$ 2,471
S	Nashua	3010X	Create Back Feed for Acadia Drive - Merrimack	2766290	\$ 35,207
C	Hooksett	370X2	Perform work to enhance reliability of circuit beyond 370X2 recloser.	2876589	\$ 10,000
N	Lancaster	5H2	Upgrade Step-Up Xfmr to provide full capacity backup in looped URD	2810078	\$ 18,000
C	Hooksett	14W2	S Manchester S/S Getaways	2885838	\$ 24,094
N	Chocurua	346X1	Install Single Phase Cooper Spear recloser @ P.4/86	2911729	\$ 18,000
N	Lancaster	351X16	Relocate Recloser from P.3/21 to 3/12	2923969	\$ 2,000
N	Lancaster	348X3	Replace fusing to correct coordination	2925038	\$ 1,000
N	Chocurua	346X1	Replace fusing to help coordination	2926114	\$ 1,000

VEGETATION MANAGEMENT:

Enhanced Tree Trimming (ETT):

Program Description:

Trim main lines for reliability using an enhanced tree trimming (ETT) specification to create ground to sky clearance versus the standard maintenance trim zone. Expanded clearance is obtained by performing greater off zone takedowns and clearing, and higher than normal vertical clearing.

Reliability Benefit:

Increasing the trim zone at targeted main line locations significantly reduces the risk of tree outages associated with significant SAIDI (customer) impact.

2017 Plan:

Complete projects as shown below. Cost estimates are based on \$40,000 per mile.

Planned Plant in Service:

\$1,963,600

<u>REGION</u>	<u>AWC</u>	<u>TOWN</u>	<u>CIRCUIT</u>	<u>Miles</u>	<u>2016 Hit List TREE by CoSAIDI</u>	<u>COST ESTIMATE</u>
SOUTHERN	Bedford	New Boston	3108x1	8.72	29	\$348,800.00
	Bedford	Manchester	334x2	3.27	58	\$130,800.00
WESTERN	Newport	Grantham	316x1	6.57	1	\$262,800.00
	Newport	Sunapee	316x1	0.21	1	\$8,400.00
EASTERN	Portsmouth	Portsmouth	367x2	4.81	66	\$192,400.00
	Epping	Epping	377x7	7.43	10	\$297,200.00
	EPPING	Brentwood	3103x1	9.37	11	\$374,800.00
NORTHERN	TILTON	Haverhill	12w1	5.25	92	\$210,000.00
	CHOCORUA	Conway	347x3	3.46	45	\$138,400.00
			Total Miles	49.09	Total Cost	\$1,963,600.00

Hazard Tree Removal:

Program Description:	Remove trees greater than 16 inches in diameter within the trim zone and others outside the trim zone that are identified as a hazard to falling onto primary conductors.
Reliability Benefit:	Identifying and removing trees that have a high likelihood of contacting primary conductors significantly reduces the risk of tree outages associated with significant SAIDI (customer) impact.
2017 Plan:	Hazard trees are identified by Company arborists when reviewing circuits scheduled for trimming. Landowners with trees deemed diseased or decayed are approached for permission to remove the trees at the same time trimming is being performed.
Planned Plant in Service:	\$1,000,000

Reclaim ROWs to Full Width:

Program Description:	Research easements, determine the easement boundaries and clear ROWs to the full extent of the easements.
Reliability Benefit:	Clearing ROWs to the full width of the easements will reduce the risk of tree outages associated with significant SAIDI (customer) impact.
2017 Plan:	Reclaim 4.5 miles of the 314 line ROW and 2.7 miles of the 3425 line ROW. The 314 line is a radial line heading west from South Milford S/S. It was number 37 on the 2015 Tree Related CoSAIDI list due to a 26 hour outage in September of 2015 when a tree came down and broke a pole in an inaccessible section of ROW. The 3425 line (formerly 399) is fed from Madbury S/S. Due to its proximity to railroad lines, trimming has been only spot trimming for many years and trees have encroached into this ROW to the point the line clearance is significantly compromised. This 2.7 mile project is an attempt to proactively address a future reliability concern.
Planned Plant in Service:	\$500,000