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May 14, 2019

**Via ERF and US Mail**

Debra Howland  
Executive Director  
New Hampshire Public Utilities Commission  
21 South Fruit Street, Suite 10  
Concord, NH 03301-2429

**Re: DE 14-216 Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities  
2015-2016 CORE NH Electric & Gas Energy Efficiency Programs  
March 2019 Energy Efficiency Monthly Expense**

Dear Ms. Howland:

Enclosed for filing please find Liberty Utilities' monthly report of collections, expenditures, incentive, interest, and therm sales associated with the implementation and cost recovery of its energy efficiency programs through March 2019. This report updates the forecasted energy efficiency program expenditures consistent with Liberty Utilities 2015-2016 CORE Electric Energy Efficiency and Gas Energy Efficiency Programs approved by the Commission in Order No. 25,747 (December 31, 2014) in Docket DG 14-216 and the DSM Rate per therm approved by the Commission in Order No. 26,187 (November 02, 2018) in Docket DG 17-048.

This report has been filed via the Commission's Electronic Report Filing system. Thank you for your attention to this matter. Please do not hesitate to call if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "C. McNamara", enclosed in a simple black oval.

Catherine A. McNamara

Enclosure

Liberty Utilities (EnergyNorth Natural Gas) Corp d/b/a Liberty Utilities  
 Energy Efficiency Programs  
 For Residential Heating (R-3) and Non-Heating (R-1) Classes  
 January 1, 2016 - March 31, 2019 actuals per General Ledger

Month	Actual or Forecast	Beginning Balance (Over)/Under	DSM Rate Per Therm	DSM Collections (a)	Adjust (b)	Forecasted DSM Expenditures	DSM Expenditures Residential	DSM Expenditures Low-Income	DSM Expenditures Incentive	Ending Balance (Over)/Under	Average Balance (Over)/Under	Interest Monthly Federal Prime Rate	Interest @ Federal Reserve Prime Rate	Ending Bal. Plus Interest (Over)/Under	Forecasted Therm Sales	Actual Therm Sales	# of Days
January 16	Actual	(55,684)	(\$0.0585)	(462,266)	0	243,235	115,790	2,750	14,589	(384,821)	(220,252)	3.50%	(628)	(385,448)	10,059,056	7,903,951	31
February 16	Actual	(385,448)	(\$0.0585)	(564,847)	10	243,235	141,893	2,838	14,589	(790,966)	(588,207)	3.50%	(1,506)	(792,472)	10,754,770	9,667,816	29
March 16	Actual	(792,472)	(\$0.0585)	(501,665)	7	243,235	39,875	2,971	14,589	(1,236,695)	(1,014,583)	3.50%	(2,662)	(1,239,357)	9,268,947	8,579,156	31
April 16	Actual	(1,239,357)	(\$0.0585)	(379,088)	7	243,235	74,397	5,198	14,589	(1,524,254)	(1,381,806)	3.50%	(3,452)	(1,527,706)	6,253,708	6,480,127	30
May 16	Actual	(1,527,706)	(\$0.0585)	(232,259)	48	243,235	302,108	87,500	69,881	(1,300,879)	(1,414,292)	3.50%	(3,604)	(1,304,483)	3,349,634	3,970,573	31
June 16	Actual	(1,304,483)	(\$0.0585)	(111,819)	30	243,235	134,280	4,167	14,589	(1,263,237)	(1,283,860)	3.50%	(3,009)	(1,266,246)	1,984,898	1,908,251	30
July 16	Actual	(1,266,246)	(\$0.0585)	(76,674)	49	243,235	178,022	81,256	14,589	(1,069,005)	(1,167,625)	3.50%	(2,730)	(1,071,735)	1,252,661	1,272,646	31
August 16	Actual	(1,071,735)	(\$0.0585)	(61,503)	18	243,235	218,221	72,055	14,589	(828,355)	(950,045)	3.50%	(2,172)	(830,527)	1,056,675	1,051,932	31
September 16	Actual	(830,527)	(\$0.0585)	(62,691)	0	243,235	69,279	38,032	47,906	(738,001)	(784,264)	3.50%	(1,557)	(739,558)	1,143,113	1,070,285	30
October 16	Actual	(739,558)	(\$0.0585)	(94,158)	0	243,235	125,642	2,524	14,589	(690,962)	(715,260)	3.50%	(1,404)	(692,366)	1,693,533	1,609,429	31
November 16	Actual	(692,366)	(\$0.0402)	(177,491)	4	243,235	99,868	79,425	14,589	(675,971)	(684,169)	3.50%	(1,263)	(677,234)	3,778,407	3,563,708	30
December 16	Actual	(677,234)	(\$0.0402)	(289,148)	0	243,235	233,825	52,999	14,589	(664,971)	(671,102)	3.50%	(866)	(665,836)	6,946,220	7,155,015	31
January 17	Actual	(665,836)	(\$0.0402)	(401,137)	(0)	265,627	113,707	15,282	10,550	(927,403)	(796,620)	3.75%	(1,237)	(928,640)	10,059,056	9,986,191	31
February 17	Actual	(928,640)	(\$0.0402)	(381,130)	0	265,627	166,993	39,065	10,550	(1,093,162)	(1,010,901)	3.75%	(1,408)	(1,094,570)	10,754,770	9,355,243	28
March 17	Actual	(1,094,570)	(\$0.0402)	(349,877)	(12)	265,627	129,609	28,144	10,550	(1,276,155)	(1,185,363)	4.00%	(2,037)	(1,278,192)	9,268,947	8,818,585	31
April 17	Actual	(1,278,192)	(\$0.0402)	(332,013)	268	265,627	78,519	20,314	10,550	(1,500,554)	(1,389,373)	4.00%	(1,570)	(1,502,124)	6,253,708	8,200,792	30
May 17	Actual	(1,502,124)	(\$0.0402)	(143,126)	1	265,627	331,161	32,602	10,550	(1,270,936)	(1,368,530)	4.00%	(3,045)	(1,273,981)	3,349,634	3,608,154	31
June 17	Actual	(1,273,981)	(\$0.0402)	(96,040)	0	265,627	152,820	10,518	10,550	(1,196,133)	(1,235,057)	4.25%	(2,615)	(1,198,748)	1,984,898	2,388,901	30
July 17	Actual	(1,198,748)	(\$0.0402)	(51,772)	0	265,627	59,825	43,441	10,550	(1,136,703)	(1,167,725)	4.25%	(1,253)	(1,137,956)	1,252,661	1,287,767	31
August 17	Actual	(1,137,956)	(\$0.0402)	(47,600)	0	265,627	97,613	31,360	10,550	(1,046,032)	(1,091,994)	4.25%	(2,216)	(1,048,248)	1,056,675	1,184,510	31
September 17	Actual	(1,048,248)	(\$0.0402)	(49,519)	0	265,627	98,236	23,830	42,202	(933,500)	(990,874)	4.25%	(1,779)	(935,279)	1,143,113	1,231,903	30
October 17	Actual	(935,279)	(\$0.0402)	(54,527)	0	265,627	213,911	76,702	65,965	(633,228)	(784,252)	4.25%	(292)	(633,518)	1,693,533	1,356,227	31
November 17	Actual	(833,518)	(\$0.0516)	(110,333)	0	265,627	157,854	13,390	14,067	(558,539)	(596,029)	4.25%	(447)	(558,986)	3,778,407	2,907,726	30
December 17	Actual	(558,986)	(\$0.0516)	(391,895)	0	265,627	92,129	16,189	14,067	(828,496)	(693,741)	4.50%	(480)	(828,976)	6,946,220	7,614,763	31
January 18	Actual	(828,976)	(\$0.0516)	(628,966)	0	265,627	105,425	11,899	12,775	(1,327,843)	(1,078,410)	4.50%	(1,280)	(1,329,124)	10,059,056	12,189,665	31
February 18	Actual	(1,329,124)	(\$0.0516)	(539,471)	0	265,627	283,081	6,684	12,775	(1,568,055)	(1,447,589)	4.50%	(2,714)	(1,568,768)	10,754,770	10,455,554	28
March 18	Actual	(1,568,768)	(\$0.0516)	(438,556)	0	265,627	57,171	2,959	12,775	(1,934,419)	(1,751,594)	4.75%	(4,424)	(1,938,843)	9,268,947	8,499,563	31
April 18	Actual	(1,938,843)	(\$0.0516)	(418,704)	0	265,627	75,918	31,548	12,775	(2,237,306)	(2,088,074)	4.75%	(3,094)	(2,240,400)	6,253,708	8,114,523	30
May 18	Actual	(2,240,400)	(\$0.0516)	(227,299)	0	265,627	169,251	35,820	12,775	(2,249,854)	(2,245,127)	4.75%	(6,227)	(2,256,081)	3,349,634	4,405,040	31
June 18	Actual	(2,256,081)	(\$0.0516)	(92,112)	0	265,627	148,594	32,579	12,775	(2,154,246)	(2,205,163)	4.75%	(6,267)	(2,160,512)	1,984,898	1,785,463	30
July 18	Actual	(2,160,512)	(\$0.0516)	(64,816)	0	265,627	101,545	8,281	12,775	(2,102,727)	(2,131,620)	5.00%	(3,349)	(2,106,076)	1,252,661	1,256,417	31
August 18	Actual	(2,106,076)	(\$0.0516)	(54,281)	0	265,627	229,645	71,468	12,775	(1,846,469)	(1,976,273)	5.00%	(6,316)	(1,852,785)	1,056,675	1,042,557	31
September 18	Actual	(1,852,785)	(\$0.0516)	(57,014)	0	265,627	220,383	34,877	12,775	(1,641,764)	(1,747,274)	5.25%	(5,279)	(1,647,043)	1,143,113	1,104,967	30
October 18	Actual	(1,647,043)	(\$0.0516)	(83,011)	0	265,627	164,809	41,783	12,775	(1,510,686)	(1,578,864)	5.25%	(2,599)	(1,513,285)	1,693,533	1,608,574	31
November 18	Actual	(1,513,285)	(\$0.0287)	(148,364)	0	265,627	175,634	15,203	(32,954)	(1,503,766)	(1,508,526)	5.25%	(5,026)	(1,508,793)	4,324,268	4,562,294	30
December 18	Actual	(1,508,793)	(\$0.0287)	(264,772)	0	265,627	717,388	116,988	12,775	(926,414)	(1,217,603)	5.50%	(4,984)	(930,908)	7,903,914	8,941,370	31
January 19	Actual	(930,908)	(\$0.0287)	(294,930)	0	265,627	216,542	27,594	13,751	(967,950)	(949,429)	5.50%	(1,980)	(969,930)	11,256,284	10,275,122	31
February 19	Actual	(969,930)	(\$0.0287)	(327,090)	0	265,627	231,499	26,268	13,751	(1,025,501)	(997,716)	5.50%	(4,239)	(1,029,740)	12,157,335	11,399,921	28
March 19	Actual	(1,029,740)	(\$0.0287)	(298,028)	0	265,627	401,147	25,374	13,751	(887,496)	(958,618)	5.50%	(4,754)	(892,250)	10,337,327	10,265,418	31

(a) Collections include adjustments to reconcile to actual collections as reported in the Company's general ledger  
 (b) Adjustments - See page 3 of 3 for adjustment detail  
 (c) Therm Sales for November were corrected in the December 2018 filing. December sales were used in the original November 2018 filing

**Liberty Utilities (EnergyNorth Natural Gas) Corp d/b/a Liberty Utilities**  
**Energy Efficiency Programs**  
**For Residential (R-1 & R-3) and Commercial/Industrial Classes**  
**January 1, 2016 - March 31, 2019 actuals per General Ledger**

Month	Actual or Forecast	Beginning Balance (Over/Under)	DSM Rate Per Therm	DSM Collections (a)	Adjust (b)	Forecasted DSM Expenditures		Actual DSM Expenditures				Ending Balance (Over/Under)	Average Balance (Over/Under)	Interest Monthly Prime Rate	Interest @ Federal Reserve Prime Rate	Ending Bal. Plus Interest (Over/Under)	Forecasted Therm Sales	Actual Therm Sales	# of Days
						Residential	Commercial	Low-Income	Total	Incentive									
January 16	Actual	(107,290)	n/a	(777,371)	0	468,485	115,790	27,823	6,396	150,110	28,109	(708,442)	(408,868)	3.50%	(1,209)	(707,652)	24,795,322	20,216,892	31
February 16	Actual	(707,652)	n/a	(828,519)	19	468,485	141,893	72,142	6,500	220,635	28,109	(1,387,407)	(1,047,533)	3.50%	(2,922)	(1,390,308)	26,449,698	23,859,311	29
March 16	Actual	(1,390,309)	n/a	(828,294)	14	468,485	39,875	73,786	6,909	120,550	28,109	(2,089,931)	(1,730,120)	3.50%	(5,129)	(2,075,060)	22,989,193	21,345,924	31
April 16	Actual	(2,075,060)	n/a	(834,062)	14	468,485	74,397	33,233	12,089	119,718	28,109	(2,561,280)	(2,318,170)	3.50%	(6,650)	(2,567,931)	16,210,423	16,440,049	30
May 16	Actual	(2,567,931)	n/a	(429,882)	92	468,485	302,108	243,803	202,441	748,352	134,645	(2,114,724)	(2,341,328)	3.50%	(6,944)	(2,121,668)	9,886,997	11,680,908	31
June 16	Actual	(2,121,668)	n/a	(234,642)	57	468,485	134,280	264,637	9,690	408,607	28,109	(1,819,537)	(2,020,602)	3.50%	(5,797)	(1,925,334)	7,077,460	6,699,259	30
July 16	Actual	(1,925,334)	n/a	(189,038)	94	468,485	178,022	95,719	188,968	482,709	28,109	(1,623,460)	(1,774,397)	3.50%	(5,260)	(1,628,720)	5,261,414	5,581,325	31
August 16	Actual	(1,628,720)	n/a	(157,529)	35	468,485	218,221	264,882	167,569	650,672	28,109	(1,107,433)	(1,368,078)	3.50%	(4,185)	(1,111,618)	4,908,241	4,804,245	31
September 16	Actual	(1,111,618)	n/a	(167,806)	0	468,485	69,279	50,225	88,446	207,950	92,304	(979,172)	(1,045,395)	3.50%	(2,999)	(982,171)	5,299,526	5,173,547	30
October 16	Actual	(982,171)	n/a	(217,301)	0	468,485	125,642	196,998	5,899	328,508	28,109	(842,855)	(912,513)	3.50%	(2,705)	(845,560)	6,681,398	6,419,450	31
November 16	Actual	(945,560)	n/a	(369,860)	7	468,485	89,869	105,816	184,710	390,194	28,109	(796,110)	(820,835)	3.50%	(2,433)	(798,543)	10,836,421	10,853,467	30
December 16	Actual	(798,543)	n/a	(533,603)	0	468,485	233,825	620,098	123,253	977,178	28,109	(326,866)	(562,709)	3.50%	(1,688)	(328,534)	17,686,256	18,253,381	31
January 17	Actual	(328,534)	n/a	(711,728)	(0)	511,614	113,707	31,500	35,539	180,747	20,328	(839,187)	(583,860)	3.75%	(2,363)	(841,570)	24,795,322	24,184,090	31
February 17	Actual	(841,570)	n/a	(691,011)	0	511,614	168,993	210,221	90,649	468,063	20,328	(1,044,190)	(942,860)	3.75%	(2,712)	(1,046,902)	26,449,698	23,291,390	28
March 17	Actual	(1,046,902)	n/a	(639,331)	(23)	511,614	129,609	53,201	65,450	248,260	20,328	(1,417,667)	(1,232,285)	4.00%	(3,925)	(1,421,592)	22,989,193	22,231,603	31
April 17	Actual	(1,421,592)	n/a	(611,160)	516	511,614	78,519	46,184	47,241	171,924	20,328	(1,839,983)	(1,630,788)	4.00%	(3,025)	(1,843,008)	16,210,423	20,848,166	30
May 17	Actual	(1,843,008)	n/a	(301,192)	2	511,614	331,161	106,016	75,818	512,995	20,328	(1,610,876)	(1,726,942)	4.00%	(5,667)	(1,616,743)	9,886,997	10,907,162	31
June 17	Actual	(1,616,743)	n/a	(227,701)	0	511,614	152,820	198,094	24,461	375,375	20,328	(1,448,740)	(1,532,741)	4.25%	(5,039)	(1,453,779)	7,077,460	8,400,536	30
July 17	Actual	(1,453,779)	n/a	(143,530)	0	511,614	59,825	78,201	101,026	239,052	20,328	(1,337,929)	(1,395,854)	4.25%	(2,415)	(1,340,344)	5,261,414	5,477,505	31
August 17	Actual	(1,340,344)	n/a	(140,291)	0	511,614	97,613	254,468	72,931	435,013	20,328	(1,025,284)	(1,182,814)	4.25%	(4,259)	(1,029,564)	4,908,241	5,417,274	31
September 17	Actual	(1,029,564)	n/a	(149,989)	0	511,614	98,236	71,580	55,419	225,235	81,314	(871,594)	(950,774)	4.25%	(3,426)	(875,422)	5,299,526	5,774,030	30
October 17	Actual	(875,422)	n/a	(195,397)	0	511,614	213,911	139,086	178,378	531,375	127,101	(372,343)	(623,883)	4.25%	(5,662)	(372,905)	6,681,398	5,961,899	31
November 17	Actual	(372,905)	n/a	(283,578)	0	511,614	157,854	300,431	31,450	519,425	27,105	(119,953)	(246,429)	4.25%	(861)	(120,814)	10,836,421	9,535,532	30
December 17	Actual	(120,814)	n/a	(784,497)	0	511,614	92,129	366,794	37,600	496,573	27,105	(391,633)	(256,224)	4.50%	(925)	(392,568)	17,686,256	19,769,975	31
January 18	Actual	(392,568)	n/a	(1,215,019)	0	511,614	106,425	106,414	27,672	239,511	24,615	(1,343,451)	(868,005)	4.50%	(2,467)	(1,345,918)	24,795,322	29,842,427	31
February 18	Actual	(1,345,918)	n/a	(1,088,047)	0	511,614	283,081	229,198	15,543	527,822	24,615	(1,861,528)	(1,603,724)	4.50%	(5,229)	(1,868,757)	26,449,698	26,377,511	28
March 18	Actual	(1,868,757)	n/a	(859,592)	0	511,614	57,171	44,271	6,882	108,324	24,615	(2,393,411)	(2,230,084)	4.75%	(8,523)	(2,401,934)	22,989,193	21,182,000	31
April 18	Actual	(2,601,934)	n/a	(831,833)	0	511,614	79,319	252,594	73,368	411,680	24,615	(2,397,273)	(2,799,804)	4.75%	(5,862)	(3,003,235)	6,253,768	8,114,523	30
May 18	Actual	(3,003,235)	n/a	(500,542)	0	511,614	189,251	83,213	83,301	335,785	24,615	(3,143,997)	(3,073,316)	4.75%	(11,869)	(3,155,386)	3,349,634	4,405,040	31
June 18	Actual	(3,155,386)	n/a	(259,872)	0	511,614	148,594	136,096	75,765	360,455	24,615	(3,030,199)	(3,052,798)	4.75%	(12,075)	(3,042,274)	1,984,698	6,838,989	30
July 18	Actual	(3,042,274)	n/a	(211,532)	0	511,614	101,545	69,891	19,257	190,493	24,615	(3,038,698)	(3,040,486)	5.00%	(6,452)	(3,045,150)	1,252,661	5,676,025	31
August 18	Actual	(3,045,150)	n/a	(183,679)	0	511,614	229,645	122,617	166,205	518,466	24,615	(2,885,948)	(2,865,550)	5.00%	(12,169)	(2,698,117)	1,066,675	4,932,565	31
September 18	Actual	(2,698,117)	n/a	(196,309)	0	511,614	228,383	116,684	81,110	418,177	24,615	(2,451,635)	(2,574,877)	5.25%	(10,171)	(2,461,052)	1,143,113	5,300,645	30
October 18	Actual	(2,461,052)	n/a	(248,186)	0	511,614	164,809	177,353	97,170	439,332	24,615	(2,246,045)	(2,353,326)	5.25%	(5,007)	(2,251,052)	1,683,533	6,583,510	31
November 18	Actual	(2,251,052)	n/a	(504,380)	0	511,614	175,634	370,437	35,356	581,427	(63,496)	(2,237,501)	(2,244,277)	5.25%	(6,684)	(2,247,185)	13,660,381	13,344,348	30
December 18	Actual	(2,247,185)	n/a	(801,019)	0	511,614	717,388	384,679	272,065	1,374,131	24,615	(1,848,459)	(1,948,322)	5.50%	(6,658)	(1,858,117)	20,821,407	22,802,588	28
January 19	Actual	(1,858,117)	n/a	(971,988)	0	511,614	216,542	525,164	94,172	805,879	26,496	(1,710,924)	(1,694,521)	5.50%	(3,814)	(1,714,738)	28,114,798	25,526,294	31
February 19	Actual	(1,714,738)	n/a	(918,988)	0	511,614	231,469	203,110	61,089	495,698	26,496	(2,164,533)	(1,939,636)	5.50%	(8,188)	(2,172,700)	29,777,483	28,068,086	28
March 19	Actual	(2,172,700)	n/a	(918,591)	0	511,614	401,147	830,559	59,010	1,290,716	26,496	(1,774,078)	(1,973,300)	6.00%	(9,160)	(1,783,238)	25,764,902	25,860,264	31

(a) Collections include adjustments to reconcile to actual collections as reported in the Company's general ledger

(b) Adjustments

- Feb-16 \$19.44 payment transaction error
- Mar-16 \$14.02 payment transaction error
- Apr-16 \$14.52 payment transaction error, (\$0.59) other
- May-16 \$92.32 payment transaction error, (\$0.24) other
- Jun-16 \$57.39 payment transaction error
- Jul-16 \$94.39 payment transaction error
- Aug-16 \$35.22 payment transaction error
- Nov-16 \$7.37 payment transaction error
- Mar-17 \$22.92 payment transaction error
- Apr-17 \$516.30 payment transaction error
- May-17 \$1.51 payment transaction error

(c) Adjusted volumes for INAT Gas November 2017 - January 2018 in the April EE Report. INAT Gas is a special contract and exempt from LDAC charges.

(d) Therm Sales for November were corrected in the December 2018 filing. December sales were used in the original November 2018 filing