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December 11, 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
October 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 October 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 No. DG 14-216 and the DSM Rate per therm approved by the Commission in Order No. 26,187 (November 02, 2018) in Docket No. 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 "Catherine A. McNamara", enclosed in a simple oval scribble.

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 - October 31, 2019 actuals per General Ledger

Month	Actual or Forecast	Beginning Balance (Over/Under)	DSM Rate Per Therm	DSM Collections		Forecasted DSM Expenditures	DSM Expenditures			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
				(a)	(b)		Residential	Low-Income	Incentive								
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)	38	243,235	302,108	87,050	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)	40	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)	1,252,681	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)	(401,107)	(0)	201,740	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	201,740	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)	201,740	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	201,740	78,519	20,314	10,550	(1,500,554)	(1,389,373)	4.00%	(3,070)	(1,502,124)	6,253,708	8,200,792	30
May 17	Actual	(1,502,124)	(\$0.0402)	(143,126)	1	201,740	331,161	32,602	10,550	(1,270,936)	(1,386,530)	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	201,740	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	201,740	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	201,740	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	201,740	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	201,740	213,911	76,702	65,965	(633,226)	(784,252)	4.25%	(292)	(633,518)	1,693,533	1,356,227	31
November 17	Actual	(633,518)	(\$0.0516)	(110,333)	0	201,740	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	201,740	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	250,275	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	250,275	283,081	6,684	12,775	(1,566,055)	(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	250,275	57,171	2,959	12,775	(1,934,419)	(1,751,594)	4.75%	(4,424)	(1,938,843)	9,268,947	8,499,583	31
April 18	Actual	(1,938,843)	(\$0.0516)	(418,704)	0	250,275	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)	(228,498)	0	250,275	169,251	35,820	12,775	(2,249,053)	(2,244,727)	4.75%	(6,228)	(2,255,281)	3,349,634	4,425,216	31
June 18	Actual	(2,255,281)	(\$0.0516)	(92,715)	0	250,275	148,594	32,579	12,775	(2,154,048)	(2,204,664)	4.75%	(6,270)	(2,160,318)	1,984,898	1,796,298	30
July 18	Actual	(2,160,318)	(\$0.0516)	(65,289)	0	250,275	101,545	8,281	12,775	(2,103,007)	(2,131,662)	5.00%	(3,353)	(2,106,360)	1,252,661	1,264,067	31
August 18	Actual	(2,106,360)	(\$0.0516)	(54,162)	0	250,275	229,645	71,468	12,775	(1,846,634)	(1,976,497)	5.00%	(6,326)	(1,852,961)	1,056,675	1,048,848	31
September 18	Actual	(1,852,961)	(\$0.0516)	(53,591)	0	250,275	220,383	34,877	12,775	(1,638,517)	(1,745,739)	5.25%	(5,285)	(1,643,802)	1,143,113	1,112,995	30
October 18	Actual	(1,643,802)	(\$0.0516)	(84,785)	0	250,275	164,809	41,783	12,775	(1,509,220)	(1,576,511)	5.25%	(2,601)	(1,511,821)	1,693,533	1,647,633	31
November 18	Actual	(1,511,821)	(\$0.0287)	(149,217)	0	250,275	175,634	15,203	(32,954)	(1,503,155)	(1,507,488)	5.25%	(5,035)	(1,508,190)	4,324,268	4,587,083	30
December 18	Actual	(1,508,190)	(\$0.0287)	(259,329)	0	250,275	717,388	116,988	12,775	(920,369)	(1,214,280)	5.50%	(4,516)	(924,885)	7,903,914	8,987,494	31
January 19	Actual	(924,885)	(\$0.0287)	(296,434)	0	404,158	216,542	27,594	13,751	(963,431)	(944,158)	5.50%	(1,988)	(965,420)	11,256,284	10,327,081	31
February 19	Actual	(965,420)	(\$0.0287)	(328,883)	0	404,158	231,499	26,268	13,751	(1,022,784)	(994,102)	5.50%	(4,265)	(1,027,050)	12,157,335	11,462,368	28
March 19	Actual	(1,027,050)	(\$0.0287)	(293,891)	0	404,158	401,147	25,374	13,751	(880,668)	(953,859)	5.50%	(4,804)	(885,472)	10,337,327	10,321,013	31
April 19	Actual	(885,472)	(\$0.0287)	(207,533)	0	404,158	125,635	18,174	13,751	(935,444)	(910,458)	5.50%	(2,486)	(937,930)	7,042,089	7,251,410	30
May 19	Actual	(937,930)	(\$0.0287)	(120,310)	0	404,158	321,246	134,621	13,751	(588,621)	(763,275)	5.50%	(4,694)	(593,315)	4,095,234	4,213,465	31
June 19	Actual	(593,315)	(\$0.0287)	(65,711)	0	404,158	138,113	13,713	13,751	(493,449)	(543,382)	5.50%	(4,097)	(497,546)	1,981,666	2,303,736	30
July 19	Actual	(497,546)	(\$0.0287)	(36,994)	0	404,158	199,884	21,026	13,751	(299,898)	(398,722)	5.25%	(1,893)	(301,791)	1,120,055	1,372,431	31
August 19	Actual	(301,791)	(\$0.0287)	(31,923)	0	404,158	165,212	83,931	13,751	(70,821)	(186,306)	5.25%	(2,888)	(73,709)	1,085,379	1,124,579	31
September 19	Actual	(73,709)	(\$0.0287)	(32,988)	0	404,158	152,548	37,762	13,751	97,365	11,828	5.00%	(1,294)	96,071	1,610,929	1,160,981	30
October 19	Actual	96,071	(\$0.0287)	(48,088)	0	404,158	184,669	104,327	13,751	350,731	223,401	5.00%	(154)	350,576	2,852,473	1,688,420	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

(e) Added Keene sales volumes and revenues for May-March 2018 in April 2018 filing

(f) Forecasted DSM expenditures for January 2017 - June 2019 were updated in July 2019.

Liberty Utilities (EnergyNorth Natural Gas) Corp d/b/a Liberty Utilities
 Energy Efficiency Programs
 For Commercial/Industrial Classes
 January 1, 2016 - October 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	Com-Ind	Actual DSM Expenditures	Low-Income	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	(51,607)	(\$0.0256)	(315,105)	0	225,250	27,923	1	3,646	13,520	(321,622)	(186,814)	3.50%	(582)	(322,203)	14,736,267	12,312,941	31
February 16	Actual	(322,203)	(\$0.0256)	(363,672)	9	225,250	72,142	1	3,762	13,520	(596,442)	(450,323)	3.50%	(1,396)	(597,838)	15,694,927	14,232,015	29
March 16	Actual	(597,838)	(\$0.0256)	(328,829)	7	225,250	73,766	2	3,938	13,520	(833,236)	(715,537)	3.50%	(2,467)	(835,703)	13,700,248	12,766,768	31
April 16	Actual	(835,703)	(\$0.0256)	(254,874)	7	225,250	33,233	2	6,890	13,520	(1,037,026)	(938,364)	3.50%	(3,199)	(1,040,225)	9,956,715	9,959,922	30
May 16	Actual	(1,040,225)	(\$0.0256)	(197,823)	44	225,250	243,803	2	115,391	64,764	(813,645)	(927,035)	3.50%	(3,340)	(817,185)	6,537,363	7,720,335	31
June 16	Actual	(817,185)	(\$0.0256)	(122,823)	28	225,250	264,637	2	5,524	13,520	(656,299)	(736,742)	3.50%	(2,788)	(659,088)	5,092,563	4,791,008	30
July 16	Actual	(659,088)	(\$0.0256)	(112,364)	45	225,250	95,719	3	107,712	13,520	(554,455)	(606,771)	3.50%	(2,530)	(556,985)	4,068,754	4,308,679	31
August 16	Actual	(556,985)	(\$0.0256)	(96,027)	17	225,250	264,862	4	95,514	13,520	(279,078)	(418,032)	3.50%	(2,013)	(281,091)	3,851,567	3,752,313	31
September 16	Actual	(281,091)	(\$0.0256)	(105,117)	0	225,250	50,225	5	50,414	44,398	(241,171)	(261,131)	3.50%	(1,443)	(242,614)	4,156,413	4,103,262	30
October 16	Actual	(242,614)	(\$0.0256)	(123,143)	0	225,250	186,996	5	3,345	13,520	(151,893)	(197,253)	3.50%	(1,301)	(153,194)	4,987,864	4,810,021	31
November 16	Actual	(153,194)	(\$0.0219)	(191,369)	4	225,250	105,616	5	105,285	13,520	(120,138)	(136,666)	3.50%	(1,170)	(121,309)	7,058,014	7,289,759	30
December 16	Actual	(121,309)	(\$0.0219)	(244,460)	0	225,250	620,098	5	70,254	13,520	338,105	108,398	3.50%	(802)	337,302	10,740,036	11,098,366	31
January 17	Actual	337,302	(\$0.0219)	(310,621)	(0)	318,174	31,500	5	20,257	9,778	88,217	212,759	3.75%	(1,146)	87,070	14,736,267	14,197,899	31
February 17	Actual	87,070	(\$0.0219)	(309,681)	0	318,174	210,221	5	51,784	9,778	48,972	68,021	3.75%	(1,305)	47,667	15,694,927	13,936,147	28
March 17	Actual	47,667	(\$0.0219)	(289,454)	(11)	318,174	53,201	7	37,307	9,778	(141,512)	(46,922)	4.00%	(1,688)	(143,400)	13,700,248	13,413,018	31
April 17	Actual	(143,400)	(\$0.0219)	(279,147)	248	318,174	46,164	6	26,927	9,778	(339,429)	(241,414)	4.00%	(1,455)	(340,884)	9,956,715	12,647,374	30
May 17	Actual	(340,884)	(\$0.0219)	(158,067)	1	318,174	108,016	7	43,216	9,778	(339,940)	(340,412)	4.00%	(2,822)	(342,762)	6,537,363	7,299,006	31
June 17	Actual	(342,762)	(\$0.0219)	(131,661)	0	318,174	198,094	8	13,943	9,778	(252,608)	(297,695)	4.25%	(2,424)	(255,031)	5,092,563	6,011,635	30
July 17	Actual	(255,031)	(\$0.0219)	(91,758)	0	318,174	78,201	9	57,585	9,778	(201,226)	(288,129)	4.25%	(1,161)	(202,388)	4,068,754	4,189,738	31
August 17	Actual	(202,388)	(\$0.0219)	(92,681)	0	318,174	264,468	10	41,571	9,778	20,748	(90,670)	4.25%	(2,054)	18,694	3,851,567	4,232,764	31
September 17	Actual	18,694	(\$0.0219)	(99,470)	0	318,174	71,580	11	31,589	39,112	61,505	40,100	4.25%	(1,649)	59,857	4,156,413	4,542,128	30
October 17	Actual	59,857	(\$0.0219)	(100,870)	0	318,174	139,086	11	101,875	61,136	260,883	160,370	4.25%	(770)	260,813	4,987,864	4,605,672	31
November 17	Actual	260,813	(\$0.0332)	(183,245)	0	318,174	330,431	11	17,750	13,037	438,587	349,600	4.25%	(414)	438,173	7,058,014	6,827,806	30
December 17	Actual	438,173	(\$0.0332)	(402,602)	0	318,174	366,794	11	21,460	13,037	436,863	437,518	4.50%	(445)	436,416	10,740,036	12,155,212	31
January 18	Actual	436,416	(\$0.0332)	(586,053)	0	379,259	106,414	11	15,773	11,840	(15,608)	210,405	4.50%	(1,187)	(18,794)	14,736,267	17,652,762	31
February 18	Actual	(18,794)	(\$0.0332)	(529,576)	0	379,259	229,188	11	8,860	11,840	(295,474)	(156,134)	4.50%	(2,515)	(297,988)	15,694,927	15,921,957	28
March 18	Actual	(297,988)	(\$0.0332)	(421,037)	0	379,259	44,271	11	3,923	11,840	(658,992)	(478,490)	4.75%	(4,100)	(663,091)	13,700,248	12,662,437	31
April 18	Actual	(663,091)	(\$0.0332)	(413,129)	0	379,259	262,564	11	41,820	11,840	(759,967)	(711,529)	4.75%	(2,868)	(762,835)	9,956,715	12,443,785	30
May 18	Actual	(762,835)	(\$0.0332)	(274,571)	0	379,259	83,213	11	47,492	11,840	(894,872)	(828,853)	4.75%	(5,772)	(890,644)	6,537,363	8,321,674	31
June 18	Actual	(900,644)	(\$0.0332)	(169,232)	0	379,259	136,096	11	43,186	11,840	(878,755)	(889,699)	4.75%	(5,811)	(884,565)	5,092,563	5,096,631	30
July 18	Actual	(884,565)	(\$0.0332)	(147,839)	0	379,259	89,691	11	10,677	11,840	(939,697)	(912,231)	5.00%	(3,108)	(943,005)	4,068,754	4,451,214	31
August 18	Actual	(943,005)	(\$0.0332)	(131,172)	0	379,259	122,617	11	94,737	11,840	(844,964)	(893,604)	5.00%	(5,863)	(850,847)	3,851,567	3,949,785	31
September 18	Actual	(850,847)	(\$0.0332)	(137,008)	0	379,259	116,664	11	48,233	11,840	(813,118)	(831,983)	5.25%	(4,898)	(818,016)	4,156,413	4,233,904	30
October 18	Actual	(818,016)	(\$0.0332)	(165,236)	0	379,259	177,353	11	55,387	11,840	(738,672)	(778,344)	5.25%	(2,411)	(741,082)	4,987,864	4,983,469	31
November 18	Actual	(741,082)	(\$0.0367)	(359,627)	0	379,259	370,437	11	20,153	(30,541)	(740,681)	(740,872)	5.25%	(4,687)	(745,328)	9,396,113	8,871,973	30
December 18	Actual	(745,328)	(\$0.0367)	(535,315)	0	379,259	384,679	11	155,077	11,840	(729,047)	(737,187)	5.50%	(4,185)	(733,232)	12,917,493	13,799,181	31
January 19	Actual	(733,232)	(\$0.0367)	(596,255)	0	455,607	526,164	11	36,578	12,745	(755,001)	(744,117)	5.50%	(1,843)	(756,844)	16,858,514	15,405,889	31
February 19	Actual	(756,844)	(\$0.0367)	(652,110)	0	455,607	203,110	11	34,621	12,745	(1,158,278)	(957,501)	5.50%	(3,953)	(1,162,231)	17,620,148	16,852,474	28
March 19	Actual	(1,162,231)	(\$0.0367)	(608,022)	0	455,607	830,559	11	33,636	12,745	(893,314)	(1,027,773)	5.50%	(4,452)	(897,766)	15,427,575	15,766,772	31
April 19	Actual	(897,766)	(\$0.0367)	(472,645)	0	455,607	150,149	11	24,092	12,745	(1,163,466)	(1,040,616)	5.50%	(2,304)	(1,185,770)	12,162,278	12,228,043	30
May 19	Actual	(1,185,770)	(\$0.0367)	(312,013)	0	455,607	146,152	11	178,452	12,745	(1,160,434)	(1,173,102)	5.50%	(4,351)	(1,164,785)	8,160,862	8,077,113	31
June 19	Actual	(1,164,785)	(\$0.0367)	(230,093)	0	455,607	113,008	11	18,177	12,745	(1,250,948)	(1,207,866)	5.50%	(3,797)	(1,254,744)	5,670,771	5,955,271	30
July 19	Actual	(1,254,744)	(\$0.0367)	(175,710)	0	455,607	127,827	11	27,872	12,745	(1,262,010)	(1,258,377)	5.25%	(1,755)	(1,263,785)	4,307,455	4,597,661	31
August 19	Actual	(1,263,785)	(\$0.0367)	(171,991)	0	455,607	572,325	11	111,257	12,745	(739,429)	(1,001,597)	5.25%	(2,677)	(742,106)	4,189,336	4,452,647	31
September 19	Actual	(742,106)	(\$0.0367)	(166,181)	0	455,607	286,524	11	50,057	12,745	(558,961)	(650,533)	5.00%	(1,206)	(560,181)	4,604,642	4,302,022	30
October 19	Actual	(560,181)	(\$0.0367)	(197,810)	0	455,607	118,476	11	138,294	12,745	(488,257)	(524,209)	5.00%	(143)	(488,400)	6,151,371	5,115,071	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) Adjusted volumes for IAT Gas November 2017 - January 2018 in the April EE Report. IAT 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.

(e) Added Kevue sales volumes and revenues for May-March 2018 in April 2018 filing.

(f) Forecasted DSM expenditures for January 2017 - June 2019 were updated in July 2019.

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

Month	Actual or Forecast	Beginning Balance (Over/Under)	DSM Rate Per Therm	DSM Collections (a)	Adjust (b)	Forecasted Expenditures Residential	Com-Ind	Low-Income	Total	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	(107,290)	n/a	(777,371)	0	468,485	115,790	27,923	6,398	150,110	28,109	(706,442)	(408,868)	3.50%	(1,209)	24,795,322	20,218,892	31	
February 16	Actual	(707,652)	n/a	(928,519)	19	468,485	141,893	72,142	6,600	220,635	28,109	(1,387,407)	(1,047,530)	3.50%	(2,902)	(1,390,309)	26,449,698	23,899,831	29
March 16	Actual	(1,390,309)	n/a	(828,294)	14	468,485	39,875	73,766	6,909	120,550	28,109	(2,069,931)	(1,730,120)	3.50%	(5,129)	(2,075,060)	22,969,183	21,345,824	31
April 16	Actual	(2,075,060)	n/a	(634,062)	14	468,485	74,397	33,233	12,069	119,716	28,109	(2,561,260)	(2,318,170)	3.50%	(6,650)	(2,567,831)	16,210,423	18,440,049	30
May 16	Actual	(2,567,831)	n/a	(429,862)	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	11,690,808	31
June 16	Actual	(2,121,668)	n/a	(234,642)	57	468,485	134,280	264,637	9,690	408,607	28,109	(1,919,537)	(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	95,718	188,968	462,709	28,109	(1,623,460)	(1,774,397)	3.50%	(5,260)	(1,628,780)	5,261,414	5,581,325	31
August 16	Actual	(1,628,770)	n/a	(157,529)	35	468,485	218,221	264,882	107,569	650,672	28,109	(1,107,433)	(1,368,076)	3.50%	(4,185)	(1,111,618)	4,908,241	4,804,245	31
September 16	Actual	(1,111,618)	n/a	(187,808)	0	468,485	69,279	50,225	88,446	202,950	92,304	(979,172)	(1,045,395)	3.50%	(2,999)	(982,171)	5,299,528	5,173,547	30
October 16	Actual	(982,171)	n/a	(217,301)	0	468,485	125,642	196,998	5,869	328,508	28,109	(842,855)	(912,513)	3.50%	(2,705)	(845,560)	6,681,398	6,419,450	31
November 16	Actual	(845,560)	n/a	(368,860)	7	468,485	99,868	105,616	184,710	390,194	28,109	(786,110)	(820,835)	3.50%	(2,433)	(798,543)	10,836,421	10,853,467	30
December 16	Actual	(798,543)	n/a	(533,608)	0	468,485	233,825	620,068	123,253	977,178	28,109	(328,868)	(562,705)	3.50%	(1,668)	(328,534)	17,686,256	18,253,381	31
January 17	Actual	(328,534)	n/a	(711,728)	(0)	519,914	113,707	31,500	35,539	180,747	20,328	(583,187)	(583,860)	3.75%	(2,383)	(841,570)	24,795,322	24,184,090	31
February 17	Actual	(841,570)	n/a	(691,011)	0	519,914	168,993	210,221	90,849	468,063	20,328	(1,044,190)	(842,880)	3.75%	(2,712)	(1,048,902)	26,449,698	23,291,390	28
March 17	Actual	(1,044,902)	n/a	(839,331)	(23)	519,914	129,809	65,450	53,201	248,260	20,328	(1,417,667)	(1,232,285)	4.00%	(3,625)	(1,421,562)	22,969,183	22,231,603	31
April 17	Actual	(1,421,562)	n/a	(611,160)	516	519,914	78,518	46,164	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	519,914	331,161	106,016	75,818	512,995	20,328	(1,610,876)	(1,726,942)	4.00%	(5,867)	(1,616,743)	9,886,997	10,907,162	31
June 17	Actual	(1,616,743)	n/a	(227,701)	0	519,914	152,820	198,064	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	519,914	59,825	78,201	101,026	238,052	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	(140,281)	0	519,914	97,613	264,468	72,931	435,013	20,328	(1,025,284)	(1,182,814)	4.25%	(4,269)	(1,029,554)	4,908,241	5,174,074	31
September 17	Actual	(1,029,554)	n/a	(148,989)	0	519,914	98,236	71,580	55,419	225,235	81,314	(871,994)	(950,774)	4.25%	(3,428)	(875,422)	5,299,528	5,774,030	30
October 17	Actual	(875,422)	n/a	(155,397)	0	519,914	213,911	139,086	178,378	531,375	127,101	(372,343)	(623,883)	4.25%	(582)	(372,905)	6,681,398	5,981,899	31
November 17	Actual	(732,905)	n/a	(293,578)	0	519,914	157,854	330,431	31,140	519,425	27,105	(119,953)	(248,429)	4.25%	(861)	(120,814)	10,836,421	9,535,532	30
December 17	Actual	(120,814)	n/a	(794,497)	0	519,914	92,129	368,794	37,850	496,573	27,105	(391,833)	(256,224)	4.50%	(925)	(392,558)	17,686,256	19,769,975	31
January 18	Actual	(329,558)	n/a	(1,215,019)	0	629,534	105,425	106,414	27,872	239,511	24,615	(1,343,451)	(868,005)	4.50%	(2,487)	(1,345,918)	24,795,322	29,842,427	31
February 18	Actual	(1,345,918)	n/a	(1,068,047)	0	629,534	283,081	229,198	15,543	527,822	24,615	(1,861,528)	(1,603,724)	4.50%	(5,229)	(1,866,757)	26,449,698	26,777,511	28
March 18	Actual	(1,866,757)	n/a	(859,592)	0	629,534	57,171	44,271	6,882	108,324	24,615	(2,593,411)	(2,230,084)	4.75%	(8,523)	(2,601,934)	22,969,183	21,182,000	31
April 18	Actual	(2,901,934)	n/a	(831,833)	0	629,534	75,918	262,594	73,368	411,880	24,615	(2,997,273)	(2,799,604)	4.75%	(9,962)	(3,003,235)	9,253,709	7,701,394	30
May 18	Actual	(3,003,235)	n/a	(501,069)	0	629,534	169,251	83,213	83,301	335,765	24,615	(3,143,925)	(3,073,580)	4.75%	(12,000)	(3,155,925)	3,349,634	4,425,210	31
June 18	Actual	(3,155,925)	n/a	(261,947)	0	629,534	148,594	136,096	75,765	360,455	24,615	(3,032,803)	(3,094,364)	4.75%	(12,981)	(3,044,864)	1,884,898	8,892,929	30
July 18	Actual	(3,044,864)	n/a	(213,128)	0	629,534	61,545	69,891	19,257	180,493	24,615	(3,042,904)	(3,043,894)	5.00%	(6,481)	(3,049,365)	1,252,661	5,715,781	31
August 18	Actual	(3,048,365)	n/a	(185,334)	0	629,534	229,645	122,617	168,205	518,468	24,615	(2,591,618)	(2,870,491)	5.00%	(12,190)	(2,703,808)	1,056,675	4,998,633	31
September 18	Actual	(2,703,808)	n/a	(190,589)	0	629,534	220,383	116,664	61,110	418,157	24,615	(2,451,635)	(2,577,722)	5.25%	(10,182)	(2,461,818)	1,143,113	5,346,899	30
October 18	Actual	(2,461,818)	n/a	(250,021)	0	629,534	164,609	177,353	97,170	439,332	24,615	(2,247,891)	(2,354,855)	5.25%	(5,012)	(2,252,903)	1,683,533	8,631,102	31
November 18	Actual	(2,252,903)	n/a	(508,844)	0	629,534	175,634	370,437	35,356	581,427	(63,496)	(2,243,816)	(2,248,360)	5.25%	(9,702)	(2,253,518)	13,860,381	13,459,056	30
December 18	Actual	(2,253,518)	n/a	(794,844)	0	629,534	717,388	384,879	272,065	1,374,131	24,615	(1,849,418)	(1,951,487)	5.60%	(8,701)	(1,858,118)	20,821,407	22,788,675	31
January 19	Actual	(1,658,118)	n/a	(892,689)	0	859,765	216,542	525,164	64,172	805,879	26,496	(1,718,432)	(1,688,276)	5.50%	(3,811)	(1,722,263)	28,114,796	25,733,070	31
February 19	Actual	(1,722,263)	n/a	(980,993)	0	859,765	231,499	203,110	61,089	495,698	26,496	(2,181,063)	(1,951,683)	5.50%	(8,218)	(2,189,281)	29,777,483	28,314,842	28
March 19	Actual	(2,189,281)	n/a	(901,913)	0	859,765	401,147	830,559	59,010	1,290,718	26,496	(1,773,982)	(1,981,832)	5.50%	(9,257)	(1,781,238)	25,784,002	26,087,785	31
April 19	Actual	(1,783,238)	n/a	(880,218)	0	859,765	125,835	150,149	42,268	318,050	26,496	(2,118,910)	(1,951,075)	5.50%	(4,789)	(2,123,700)	19,234,367	19,479,453	30
May 19	Actual	(2,123,700)	n/a	(432,323)	0	859,765	321,248	146,152	313,073	780,472	26,496	(1,749,055)	(1,938,377)	5.50%	(9,045)	(1,758,105)	12,256,098	12,290,578	31
June 19	Actual	(1,758,105)	n/a	(295,804)	0	859,765	138,113	113,008	31,890	283,011	26,496	(1,744,397)	(1,751,247)	5.50%	(7,893)	(1,752,291)	7,852,437	8,259,867	30
July 19	Actual	(1,752,291)	n/a	(212,703)	0	859,765	169,864	127,827	48,899	376,590	26,496	(1,581,908)	(1,657,068)	5.25%	(3,648)	(1,585,556)	5,427,510	5,970,082	31
August 19	Actual	(1,565,556)	n/a	(203,914)	0	859,765	165,212	572,325	195,187	932,724	26,496	(810,250)	(1,187,901)	5.25%	(5,565)	(815,814)	5,274,715	5,577,226	31
September 19	Actual	(815,814)	n/a	(199,169)	0	859,765	152,548	286,524	87,819	526,892	26,496	(461,596)	(638,703)	5.00%	(2,494)	(464,090)	6,215,571	5,463,003	30
October 19	Actual	(464,090)	n/a	(245,098)	0	859,765	184,669	118,476	242,621	545,766	26,496	(137,526)	(300,806)	5.00%	(297)	(137,823)	6,003,844	6,803,491	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 \$82.32 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 \$22.02 payment transaction error
- Apr-17 \$516.30 payment transaction error
- May-17 \$1.51 payment transaction error

(c) Adjusted volumes for NAT Gas November 2017 - January 2018 in the April EE Report, NAT 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

(e) Added Kaine sales volumes and revenues for May-March 2018 in April 2018 filing

(f) Forecasted DSM expenditures for January 2017 - June 2019 were updated in July 2019.