

ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS
INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS

(A) EB-2017-0086 @ 38.42 MJ/m³ vs (B) EB-2017-0181 @ 38.42 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Heating & Water Htg.										
Heating, Water Htg. & Other Uses										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
1.1	VOLUME	m ³	3,064	3,064	0	0.0%	4,691	4,691	0	0.0%
1.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%	240.00	240.00	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	268.86	234.12	34.74	14.8%	405.31	352.92	52.39	14.8%
1.4	LOAD BALANCING	§ \$	217.92	216.48	1.44	0.7%	333.67	331.41	2.26	0.7%
1.5	SALES COMMDTY	\$	369.18	369.63	(0.45)	-0.1%	565.23	565.89	(0.66)	-0.1%
1.6	TOTAL SALES	\$	1,095.96	1,060.23	35.73	3.4%	1,544.21	1,490.22	53.99	3.6%
1.7	TOTAL T-SERVICE	\$	726.78	690.60	36.18	5.2%	978.98	924.33	54.65	5.9%
1.8	SALES UNIT RATE	\$/m ³	0.3577	0.3460	0.0117	3.4%	0.3292	0.3177	0.0115	3.6%
1.9	T-SERVICE UNIT RATE	\$/m ³	0.2372	0.2254	0.0118	5.2%	0.2087	0.1970	0.0116	5.9%
1.10	SALES UNIT RATE	\$/GJ	9.3100	9.0065	0.3035	3.4%	8.5681	8.2685	0.2996	3.6%
1.11	T-SERVICE UNIT RATE	\$/GJ	6.1739	5.8665	0.3073	5.2%	5.4319	5.1287	0.3032	5.9%

Heating Only										
Heating & Water Htg.										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
2.1	VOLUME	m ³	1,955	1,955	0	0.0%	2,005	2,005	0	0.0%
2.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%	240.00	240.00	0.00	0.0%
2.3	DISTRIBUTION CHG.	\$	172.45	150.16	22.29	14.8%	179.44	156.28	23.16	14.8%
2.4	LOAD BALANCING	§ \$	139.05	138.11	0.94	0.7%	142.62	141.63	0.99	0.7%
2.5	SALES COMMDTY	\$	235.56	235.84	(0.28)	-0.1%	241.59	241.86	(0.27)	-0.1%
2.6	TOTAL SALES	\$	787.06	764.11	22.95	3.0%	803.65	779.77	23.88	3.1%
2.7	TOTAL T-SERVICE	\$	551.50	528.27	23.23	4.4%	562.06	537.91	24.15	4.5%
2.8	SALES UNIT RATE	\$/m ³	0.4026	0.3908	0.0117	3.0%	0.4008	0.3889	0.0119	3.1%
2.9	T-SERVICE UNIT RATE	\$/m ³	0.2821	0.2702	0.0119	4.4%	0.2803	0.2683	0.0120	4.5%
2.10	SALES UNIT RATE	\$/GJ	5.538	5.524	0.0141	0.3%	10.4326	10.1226	0.3100	3.1%
2.11	T-SERVICE UNIT RATE	\$/GJ	2.410	2.392	0.0180	0.8%	7.2964	6.9829	0.3135	4.5%

§ The Load Balancing Charge shown here includes proposed transportation charges

Witness: J. Collier

ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS
INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS

(A) EB-2017-0086 @ 38.42 MJ/m³ vs (B) EB-2017-0181 @ 38.42 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Heating, Pool Htg. & Other Uses					General & Water Htg.					
		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		
				(A) - (B)	%			(A) - (B)	%	
3.1	VOLUME	m ³	5,048	5,048	0	0.0%	1,081	1,081	0	0.0%
3.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%	240.00	240.00	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	435.92	379.55	56.37	14.9%	101.24	88.20	13.04	14.8%
3.4	LOAD BALANCING	§ \$	359.06	356.63	2.43	0.7%	76.88	76.38	0.50	0.7%
3.5	SALES COMMDTY	\$	608.25	608.97	(0.72)	-0.1%	130.26	130.42	(0.16)	-0.1%
3.6	TOTAL SALES	\$	1,643.23	1,585.15	58.08	3.7%	548.38	535.00	13.38	2.5%
3.7	TOTAL T-SERVICE	\$	1,034.98	976.18	58.80	6.0%	418.12	404.58	13.54	3.3%
3.8	SALES UNIT RATE	\$/m ³	0.3255	0.3140	0.0115	3.7%	0.5073	0.4949	0.0124	2.5%
3.9	T-SERVICE UNIT RATE	\$/m ³	0.2050	0.1934	0.0116	6.0%	0.3868	0.3743	0.0125	3.3%
3.10	SALES UNIT RATE	\$/GJ	8.4727	8.1732	0.2995	3.7%	13.2039	12.8817	0.3222	2.5%
3.11	T-SERVICE UNIT RATE	\$/GJ	5.3365	5.0333	0.3032	6.0%	10.0675	9.7415	0.3260	3.3%

Heating & Water Htg.					Heating & Water Htg.					
		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		
				(A) - (B)	%			(A) - (B)	%	
3.1	VOLUME	m ³	2,480	2,480	0	0.0%	2,400	2,400	0	0.0%
3.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%	240.00	240.00	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	219.53	191.16	28.37	14.8%	212.51	185.04	27.47	14.8%
3.4	LOAD BALANCING	§ \$	176.41	175.20	1.21	0.7%	170.72	169.53	1.19	0.7%
3.5	SALES COMMDTY	\$	298.82	299.18	(0.36)	-0.1%	289.19	289.53	(0.34)	-0.1%
3.6	TOTAL SALES	\$	934.76	905.54	29.22	3.2%	912.42	884.10	28.32	3.2%
3.7	TOTAL T-SERVICE	\$	635.94	606.36	29.58	4.9%	623.23	594.57	28.66	4.8%
3.8	SALES UNIT RATE	\$/m ³	0.3769	0.3651	0.0118	3.2%	0.3802	0.3684	0.0118	3.2%
3.9	T-SERVICE UNIT RATE	\$/m ³	0.2564	0.2445	0.0119	4.9%	0.2597	0.2477	0.0119	4.8%
3.10	SALES UNIT RATE	\$/GJ	9.8105	9.5038	0.3067	3.2%	9.8952	9.5881	0.3071	3.2%
3.11	T-SERVICE UNIT RATE	\$/GJ	6.6743	6.3638	0.3104	4.9%	6.7590	6.4481	0.3108	4.8%

§ The Load Balancing Charge shown here includes proposed transportation charges

Witness: J. Collier

ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS
INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS

(A) EB-2017-0086 @ 38.42 MJ/m³ vs (B) EB-2017-0181 @ 38.42 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Commercial Heating & Other Uses										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
1.1	VOLUME	m ³	22,606	22,606	0	0.0%	29,278	29,278	0	0.0%
1.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	1,571.10	1,419.25	151.85	10.7%	2,015.90	1,821.08	194.82	10.7%
1.4	LOAD BALANCING	§	1,579.40	1,568.20	11.20	0.7%	2,045.53	2,031.01	14.52	0.7%
1.5	SALES COMMDTY	\$	2,728.68	2,732.09	(3.41)	-0.1%	3,534.04	3,538.46	(4.42)	-0.1%
1.6	TOTAL SALES	\$	6,719.18	6,559.54	159.64	2.4%	8,435.47	8,230.55	204.92	2.5%
1.7	TOTAL T-SERVICE	\$	3,990.50	3,827.45	163.05	4.3%	4,901.43	4,692.09	209.34	4.5%
1.8	SALES UNIT RATE	\$/m ³	0.2972	0.2902	0.0071	2.4%	0.2881	0.2811	0.0070	2.5%
1.9	T-SERVICE UNIT RATE	\$/m ³	0.1765	0.1693	0.0072	4.3%	0.1674	0.1603	0.0072	4.5%
1.10	SALES UNIT RATE	\$/GJ	7.7363	7.5525	0.1838	2.4%	7.4991	7.3170	0.1822	2.5%
1.11	T-SERVICE UNIT RATE	\$/GJ	4.5946	4.4069	0.1877	4.3%	4.3574	4.1713	0.1861	4.5%
Medium Commercial Customer										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
2.1	VOLUME	m ³	169,563	169,563	0	0.0%	339,125	339,125	0	0.0%
2.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%
2.3	DISTRIBUTION CHG.	\$	8,476.99	7,659.18	817.81	10.7%	15,530.44	14,033.11	1,497.33	10.7%
2.4	LOAD BALANCING	§	11,846.70	11,762.58	84.12	0.7%	23,693.29	23,525.11	168.18	0.7%
2.5	SALES COMMDTY	\$	20,467.26	20,492.88	(25.62)	-0.1%	40,934.42	40,985.63	(51.21)	-0.1%
2.6	TOTAL SALES	\$	41,630.95	40,754.64	876.31	2.2%	80,998.15	79,383.85	1,614.30	2.0%
2.7	TOTAL T-SERVICE	\$	21,163.69	20,261.76	901.93	4.5%	40,063.73	38,398.22	1,665.51	4.3%
2.8	SALES UNIT RATE	\$/m ³	0.2455	0.2404	0.0052	2.2%	0.2388	0.2341	0.0048	2.0%
2.9	T-SERVICE UNIT RATE	\$/m ³	0.1248	0.1195	0.0053	4.5%	0.1181	0.1132	0.0049	4.3%
2.10	SALES UNIT RATE	\$/GJ	6.3904	6.2559	0.1345	2.2%	6.2167	6.0928	0.1239	2.0%
2.11	T-SERVICE UNIT RATE	\$/GJ	3.2487	3.1102	0.1384	4.5%	3.0749	2.9471	0.1278	4.3%

§ The Load Balancing Charge shown here includes proposed transportation charges

Witness: J. Collier

ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS
INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS

(A) EB-2017-0086 @ 38.42 MJ/m³ vs (B) EB-2017-0181 @ 38.42 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Industrial General Use										
Industrial Heating & Other Uses										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
3.1	VOLUME	m ³	43,285	43,285	0	0.0%	63,903	63,903	0	0.0%
3.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	2,786.42	2,517.22	269.20	10.7%	3,739.10	3,378.08	361.02	10.7%
3.4	LOAD BALANCING	\$ \$	3,024.14	3,002.68	21.46	0.7%	4,464.65	4,432.95	31.70	0.7%
3.5	SALES COMMDTY	\$	5,224.76	5,231.30	(6.54)	-0.1%	7,713.49	7,723.12	(9.63)	-0.1%
3.6	TOTAL SALES	\$	11,875.32	11,591.20	284.12	2.5%	16,757.24	16,374.15	383.09	2.3%
3.7	TOTAL T-SERVICE	\$	6,650.56	6,359.90	290.66	4.6%	9,043.75	8,651.03	392.72	4.5%
3.8	SALES UNIT RATE	\$/m ³	0.2744	0.2678	0.0066	2.5%	0.2622	0.2562	0.0060	2.3%
3.9	T-SERVICE UNIT RATE	\$/m ³	0.1536	0.1469	0.0067	4.6%	0.1415	0.1354	0.0061	4.5%
3.10	SALES UNIT RATE	\$/GJ	7.1409	6.9700	0.1708	2.5%	6.8253	6.6693	0.1560	2.3%
3.11	T-SERVICE UNIT RATE	\$/GJ	3.9991	3.8243	0.1748	4.6%	3.6836	3.5236	0.1600	4.5%
Medium Industrial Customer										
Large Industrial Customer										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
4.1	VOLUME	m ³	169,563	169,563	0	0.0%	339,124	339,124	0	0.0%
4.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%
4.3	DISTRIBUTION CHG.	\$	8,679.47	7,842.01	837.46	10.7%	15,681.15	14,169.19	1,511.96	10.7%
4.4	LOAD BALANCING	\$ \$	11,846.70	11,762.60	84.10	0.7%	23,693.23	23,525.04	168.19	0.7%
4.5	SALES COMMDTY	\$	20,467.27	20,492.86	(25.59)	-0.1%	40,934.29	40,985.51	(51.22)	-0.1%
4.6	TOTAL SALES	\$	41,833.44	40,937.47	895.97	2.2%	81,148.67	79,519.74	1,628.93	2.0%
4.7	TOTAL T-SERVICE	\$	21,366.17	20,444.61	921.56	4.5%	40,214.38	38,534.23	1,680.15	4.4%
4.8	SALES UNIT RATE	\$/m ³	0.2467	0.2414	0.0053	2.2%	0.2393	0.2345	0.0048	2.0%
4.9	T-SERVICE UNIT RATE	\$/m ³	0.1260	0.1206	0.0054	4.5%	0.1186	0.1136	0.0050	4.4%
4.10	SALES UNIT RATE	\$/GJ	6.4215	6.2839	0.1375	2.2%	6.2282	6.1032	0.1250	2.0%
4.11	T-SERVICE UNIT RATE	\$/GJ	3.2797	3.1383	0.1415	4.5%	3.0865	2.9575	0.1290	4.4%

§ The Load Balancing Charge shown here includes proposed transportation charges

Witness: J. Collier

ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS
INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS

(A) EB-2017-0086 @ 38.42 MJ/m³ vs (B) EB-2017-0181 @ 38.42 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
		Rate 100 - Small Commercial Firm				Rate 100 - Average Commercial Firm				
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
1.1	VOLUME	m ³	339,188	339,188	0	0.0%	598,567	598,567	0	0.0%
1.2	CUSTOMER CHG.	\$	1,464	1,464	0	0.0%	1,464	1,464	0	0.0%
1.3	DISTRIBUTION CHG.	\$	13,653	13,639	14	0.1%	66,077	66,052	24	0.0%
1.4	LOAD BALANCING	\$	23,698	23,529	168	0.7%	41,819	41,523	297	0.7%
1.5	SALES COMMDTY	\$	40,942	40,993	(51)	-0.1%	72,251	72,341	(90)	-0.1%
1.6	TOTAL SALES	\$	79,757	79,626	131	0.2%	181,611	181,380	231	0.1%
1.7	TOTAL T-SERVICE	\$	38,815	38,633	182	0.5%	109,360	109,039	321	0.3%
1.8	SALES UNIT RATE	\$/m ³	0.2351	0.2348	0.0004	0.2%	0.3034	0.3030	0.0004	0.1%
1.9	T-SERVICE UNIT RATE	\$/m ³	0.1144	0.1139	0.0005	0.5%	0.1827	0.1822	0.0005	0.3%
1.10	SALES UNIT RATE	\$/GJ	6.1203	6.1102	0.0100	0.2%	7.8972	7.8871	0.0100	0.1%
1.11	T-SERVICE UNIT RATE	\$/GJ	2.9785	2.9646	0.0140	0.5%	4.7554	4.7415	0.0140	0.3%

Rate 100 - Large Industrial Firm

		(A)	(B)	CHANGE		
				(A) - (B)	%	
2.1	VOLUME	m ³	1,500,000	1,500,000	0	0.0%
2.2	CUSTOMER CHG.	\$	1,464	1,464	0	0.0%
2.3	DISTRIBUTION CHG.	\$	132,800	132,739	61	0.0%
2.4	LOAD BALANCING	\$	104,799	104,055	744	0.7%
2.5	SALES COMMDTY	\$	181,059	181,286	(227)	-0.1%
2.6	TOTAL SALES	\$	420,122	419,543	578	0.1%
2.7	TOTAL T-SERVICE	\$	239,063	238,258	805	0.3%
2.8	SALES UNIT RATE	\$/m ³	0.2801	0.2797	0.0004	0.1%
2.9	T-SERVICE UNIT RATE	\$/m ³	0.1594	0.1588	0.0005	0.3%
2.10	SALES UNIT RATE	\$/GJ	7.2900	7.2799	0.0100	0.1%
2.11	T-SERVICE UNIT RATE	\$/GJ	4.1482	4.1343	0.0140	0.3%

Witness: J. Collier

ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS
INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS

(A) EB-2017-0086 @ 38.42 MJ/m³ vs (B) EB-2017-0181 @ 38.42 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Rate 145 - Small Commercial Interr.										
		(A)	(B)	CHANGE						
				(A) - (B)	%	(A)	(B)	(A) - (B)	%	
3.1	VOLUME	m ³	339,188	339,188	0	0.0%	598,568	598,568	0	0.0%
3.2	CUSTOMER CHG.	\$	1,480	1,480	0	0.0%	1,480	1,480	0	0.0%
3.3	DISTRIBUTION CHG.	\$	10,693	10,578	114	1.1%	15,808	15,606	202	1.3%
3.4	LOAD BALANCING	\$	18,957	18,836	121	0.6%	33,454	33,241	213	0.6%
3.5	SALES COMMDTY	\$	40,764	40,816	(52)	-0.1%	71,937	72,028	(91)	-0.1%
3.6	TOTAL SALES	\$	71,894	71,710	184	0.3%	122,679	122,355	324	0.3%
3.7	TOTAL T-SERVICE	\$	31,130	30,895	235	0.8%	50,742	50,327	415	0.8%
3.8	SALES UNIT RATE	\$/m ³	0.2120	0.2114	0.0005	0.3%	0.2050	0.2044	0.0005	0.3%
3.9	T-SERVICE UNIT RATE	\$/m ³	0.0918	0.0911	0.0007	0.8%	0.0848	0.0841	0.0007	0.8%
3.10	SALES UNIT RATE	\$/GJ	5.5169	5.5028	0.0141	0.3%	5.3346	5.3205	0.0141	0.3%
3.11	T-SERVICE UNIT RATE	\$/GJ	2.3888	2.3707	0.0180	0.8%	2.2065	2.1884	0.0180	0.8%
Rate 145 - Small Industrial Interr.										
		(A)	(B)	CHANGE						
				(A) - (B)	%	(A)	(B)	(A) - (B)	%	
4.1	VOLUME	m ³	339,188	339,188	0	0.0%	598,567	598,567	0	0.0%
4.2	CUSTOMER CHG.	\$	1,480	1,480	0	0.0%	1,480	1,480	0	0.0%
4.3	DISTRIBUTION CHG.	\$	10,965	10,851	114	1.1%	16,049	15,847	202	1.3%
4.4	LOAD BALANCING	\$	18,957	18,836	121	0.6%	33,454	33,241	213	0.6%
4.5	SALES COMMDTY	\$	40,764	40,816	(52)	-0.1%	71,937	72,028	(91)	-0.1%
4.6	TOTAL SALES	\$	72,167	71,983	184	0.3%	122,921	122,597	324	0.3%
4.7	TOTAL T-SERVICE	\$	31,403	31,167	235	0.8%	50,984	50,569	415	0.8%
4.8	SALES UNIT RATE	\$/m ³	0.2128	0.2122	0.0005	0.3%	0.2054	0.2048	0.0005	0.3%
4.9	T-SERVICE UNIT RATE	\$/m ³	0.0926	0.0919	0.0007	0.8%	0.0852	0.0845	0.0007	0.8%
4.10	SALES UNIT RATE	\$/GJ	5.5378	5.5237	0.0141	0.3%	5.3451	5.3310	0.0141	0.3%
4.11	T-SERVICE UNIT RATE	\$/GJ	2.4097	2.3917	0.0180	0.8%	2.2170	2.1989	0.0180	0.8%
Rate 145 - Average Industrial Interr.										
		(A)	(B)	CHANGE						
				(A) - (B)	%	(A)	(B)	(A) - (B)	%	

Witness: J. Collier

ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS
INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS

(A) EB-2017-0086 @ 38.42 MJ/m³ vs (B) EB-2017-0181 @ 38.42 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Rate 110 - Small Ind. Firm - 50% LF									
		(A)	(B)	CHANGE					
				(A) - (B)	%				
5.1	VOLUME	m ³ 598,568	598,568	0	0.0%	9,976,121	9,976,121	0	0.0%
5.2	CUSTOMER CHG.	\$ 7,048	7,048	0	0.0%	7,048	7,048	0	0.0%
5.3	DISTRIBUTION CHG.	\$ 14,587	13,869	718	5.2%	239,343	227,378	11,965	5.3%
5.4	LOAD BALANCING	\$ 34,369	34,397	(28)	-0.1%	572,819	573,288	(469)	-0.1%
5.5	SALES COMMDTY	\$ 71,915	72,005	(90)	-0.1%	1,198,581	1,200,077	(1,496)	-0.1%
5.6	TOTAL SALES	\$ 127,920	127,320	600	0.5%	2,017,792	2,007,792	9,999	0.5%
5.7	TOTAL T-SERVICE	\$ 56,005	55,315	690	1.2%	819,211	807,715	11,496	1.4%
5.8	SALES UNIT RATE	\$/m ³ 0.2137	0.2127	0.0010	0.5%	0.2023	0.2013	0.0010	0.5%
5.9	T-SERVICE UNIT RATE	\$/m ³ 0.0936	0.0924	0.0012	1.2%	0.0821	0.0810	0.0012	1.4%
###	SALES UNIT RATE	\$/GJ 5.5625	5.5364	0.0261	0.5%	5.2645	5.2384	0.0261	0.5%
###	T-SERVICE UNIT RATE	\$/GJ 2.4353	2.4053	0.0300	1.2%	2.1374	2.1074	0.0300	1.4%

Rate 110 - Average Ind. Firm - 75% LF									
		(A)	(B)	CHANGE					
				(A) - (B)	%				
6.1	VOLUME	m ³ 9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%
6.2	CUSTOMER CHG.	\$ 7,048	7,048	0	0.0%	7,471	7,471	0	0.0%
6.3	DISTRIBUTION CHG.	\$ 192,385	180,421	11,965	6.6%	989,819	943,486	46,333	4.9%
6.4	LOAD BALANCING	\$ 572,819	573,288	(469)	-0.1%	3,863,363	3,869,718	(6,355)	-0.2%
6.5	SALES COMMDTY	\$ 1,198,581	1,200,077	(1,496)	-0.1%	8,390,068	8,400,543	(10,475)	-0.1%
6.6	TOTAL SALES	\$ 1,970,833	1,960,834	9,999	0.5%	13,250,721	13,221,218	29,503	0.2%
6.7	TOTAL T-SERVICE	\$ 772,253	760,757	11,496	1.5%	4,860,653	4,820,675	39,978	0.8%
6.8	SALES UNIT RATE	\$/m ³ 0.1976	0.1966	0.0010	0.5%	0.1897	0.1893	0.0004	0.2%
6.9	T-SERVICE UNIT RATE	\$/m ³ 0.0774	0.0763	0.0012	1.5%	0.0696	0.0690	0.0006	0.8%
###	SALES UNIT RATE	\$/GJ 5.1420	5.1159	0.0261	0.5%	4.9388	4.9278	0.0110	0.2%
###	T-SERVICE UNIT RATE	\$/GJ 2.0148	1.9848	0.0300	1.5%	1.8117	1.7968	0.0149	0.8%

Witness: J. Collier

ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS
INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS

(A) EB-2017-0086 @ 38.42 MJ/m³ vs (B) EB-2017-0181 @ 38.42 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Rate 135 - Seasonal Firm										
Rate 170 - Average Ind. Interr. - 50% LF										
		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		
				(A) - (B)	%			(A) - (B)	%	
7.1	VOLUME	m ³	598,567	598,567	0	0.0%	9,976,121	9,976,121	0	0.0%
7.2	CUSTOMER CHG.	\$	1,381	1,381	0	0.0%	3,352	3,352	0	0.0%
7.3	DISTRIBUTION CHG.	\$	11,181	10,751	430	4.0%	86,253	82,027	4,226	5.2%
7.4	LOAD BALANCING	\$	27,370	27,435	(65)	-0.2%	451,611	452,250	(638)	-0.1%
7.5	SALES COMMDTY	\$	71,957	72,162	(205)	-0.3%	1,198,581	1,200,077	(1,496)	-0.1%
7.6	TOTAL SALES	\$	111,889	111,728	160	0.1%	1,739,796	1,737,706	2,091	0.1%
7.7	TOTAL T-SERVICE	\$	39,932	39,566	366	0.9%	541,215	537,628	3,587	0.7%
7.8	SALES UNIT RATE	\$/m ³	0.1869	0.1867	0.0003	0.1%	0.1744	0.1742	0.0002	0.1%
7.9	T-SERVICE UNIT RATE	\$/m ³	0.0667	0.0661	0.0006	0.9%	0.0543	0.0539	0.0004	0.7%
7.10	SALES UNIT RATE	\$/GJ	4.8654	4.8584	0.0070	0.1%	4.5392	4.5337	0.0055	0.1%
7.11	T-SERVICE UNIT RATE	\$/GJ	1.7364	1.7205	0.0159	0.9%	1.4121	1.4027	0.0094	0.7%
Rate 170 - Average Ind. Interr. - 75% LF										
Rate 170 - Large Ind. Interr. - 75% LF										
		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		
				(A) - (B)	%			(A) - (B)	%	
8.1	VOLUME	m ³	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%
8.2	CUSTOMER CHG.	\$	3,352	3,352	0	0.0%	3,352	3,352	0	0.0%
8.3	DISTRIBUTION CHG.	\$	79,068	74,842	4,226	5.6%	437,906	408,325	29,580	7.2%
8.4	LOAD BALANCING	\$	451,611	452,250	(638)	-0.1%	3,161,278	3,165,747	(4,469)	-0.1%
8.5	SALES COMMDTY	\$	1,198,581	1,200,077	(1,496)	-0.1%	8,390,068	8,400,543	(10,475)	-0.1%
8.6	TOTAL SALES	\$	1,732,611	1,730,521	2,091	0.1%	11,992,603	11,977,967	14,636	0.1%
8.7	TOTAL T-SERVICE	\$	534,030	530,443	3,587	0.7%	3,602,535	3,577,424	25,111	0.7%
8.8	SALES UNIT RATE	\$/m ³	0.1737	0.1735	0.0002	0.1%	0.1717	0.1715	0.0002	0.1%
8.9	T-SERVICE UNIT RATE	\$/m ³	0.0535	0.0532	0.0004	0.7%	0.0516	0.0512	0.0004	0.7%
8.10	SALES UNIT RATE	\$/GJ	4.5205	4.5150	0.0055	0.1%	4.4699	4.4644	0.0055	0.1%
8.11	T-SERVICE UNIT RATE	\$/GJ	1.3933	1.3839	0.0094	0.7%	1.3427	1.3334	0.0094	0.7%

Witness: J. Collier