LIBERTY UTILITIES - KEENE DIVISION Typical Residential Heating Bill - Fixed Price Option Program Forecasted 2017-2018 Winter Period vs. Actual 2016-2017 Winter Period

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(1
1 2	12 MONTHS ENDED 04/2017	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	Winter Nov-Apr	May-16	Jun-16	Jul
3 4	Typical Usage - therms (1) Residential Heating	35	77	116	125	145	92	590	44	21	
5 6	Customer Charge Delivery Charge: <u>Winter</u> <u>Summer</u>	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$9.00	\$9.00	
7	First 80 therms @ \$1.1522 \$1.1522	\$40.33	\$88.72	\$92.18	\$92.18	\$92.18	\$92.18	\$497.77	\$50.70	\$24.20	9
8	Next 120 therms @ \$0.9442 \$0.9442	\$0.00	\$0.00	\$33.99	\$42.49	\$61.37	\$11.33		\$0.00	\$0.00	
9	Over 200 therms @ \$0.7946 \$0.7946	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
10	Base Delivery Revenue Total	\$49.33	\$97.72	\$135.17	\$143.67	\$162.55	\$112.51	\$700.95	\$59.70	\$33.20	
11	Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$(
12	Deferred Revenue Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
	COG Rates	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$1.5352		\$0.4019	\$0.4019	\$(
14	Cost of Gas Total	\$53.73	\$118.21	\$178.08	\$191.90	\$222.60	\$141.24	\$905.76	\$17.68	\$8.44	
15	Total Bill	\$103	\$216	\$313	\$336	\$385	\$254	\$1,607	\$77	\$42	

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1 2	12 MONTHS ENDED 04/2017	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	Winter Nov-Apr	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Summer May-Oct	Total Nov-Oct
3 4	Typical Usage - therms (1) Residential Heating	35	77	116	125	145	92	590	44	21	13	11	11	15	115	705
5	Customer Charge Delivery Charge: <u>Winter Summer</u>	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$108.00
7	First 80 therms @ \$1.1522 \$1.1522	\$40.33	\$88.72	\$92.18	\$92.18	\$92.18	\$92.18	\$497.77	\$50.70	\$24.20	\$14.98	\$12.67	\$12.67	\$17.28	\$132.50	\$630.27
8 9	Next 120 therms @ \$0.9442 \$0.9442 Over 200 therms @ \$0.7946 \$0.7946	\$0.00 \$0.00	\$0.00 \$0.00	\$33.99 \$0.00	\$42.49 \$0.00	\$61.37 \$0.00	\$11.33 \$0.00	\$149.18 \$0.00	\$0.00 \$0.00	\$149.18 \$0.00						
10	Base Delivery Revenue Total	\$49.33	\$97.72	\$135.17	\$143.67	\$162.55	\$112.51	\$700.95	\$59.70	\$33.20	\$23.98	\$21.67	\$21.67	\$26.28	\$186.50	\$887.45
11	Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
	Deferred Revenue Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	COG Rates	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$0.4019	\$0.4019	\$0.4019	\$0.4019	\$0.4019	\$0.5024	\$0.4150	
14	Cost of Gas Total	\$53.73	\$118.21	\$178.08	\$191.90	\$222.60	\$141.24	\$905.76	\$17.68	\$8.44	\$5.22	\$4.42	\$4.42	\$7.54	\$47.72	\$953.48
15	Total Bill	\$103	\$216	\$313	\$336	\$385	\$254	\$1,607	\$77	\$42	\$29	\$26	\$26	\$34	\$234	\$1,841
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16 17	12 MONTHS ENDED 04/2018	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	Winter Nov-Apr	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Summer May-Oct	Total Nov-Oct
18 19	Typical Usage - therms (1) <u>Residential Heating</u>	35	77	116	125	145	92	590	44	21	13	11	11	15	115	705
20 21	Customer Charge Delivery Charge: <u>Winter Summer</u>	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$108.00
22	First 80 therms @ \$1.1522 \$1.1522	\$40.33	\$88.72	\$92.18	\$92.18	\$92.18	\$92.18	\$497.77	\$50.70	\$24.20	\$14.98	\$12.67	\$12.67	\$17.28	\$132.50	\$630.27
23 24	Next 120 therms @ \$0.9442 \$0.9442 Over 200 therms @ \$0.7946 \$0.7946	\$0.00 \$0.00	\$0.00 \$0.00	\$33.99 \$0.00	\$42.49 \$0.00	\$61.37 \$0.00	\$11.33 \$0.00	\$149.18 \$0.00	\$0.00 \$0.00	\$149.18 \$0.00						
								-								
	Base Delivery Revenue Total Seasonal Base Delivery Difference from previous year	\$49.33	\$97.72	\$135.17	\$143.67	\$162.55	\$112.51	\$700.95 \$0.00	\$59.70	\$33.20	\$23.98	\$21.67	\$21.67	\$26.28	\$186.50 \$0.00	\$887.45 \$0.00
	Seasonal Percent Change from previous year							0.0%							0.0%	0.0%
28	Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
29	Deferred Revenue Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
30	COG Rates	\$1.2408	\$1.2408	\$1.2408	\$1.2408	\$1.2408	\$1.2408	\$1.2408	\$0.6281	\$0.6281	\$0.6866	\$0.7766	\$0.7851	\$0.7851	\$0.6845	
31	Cost of Gas Total	\$43.43	\$95.54	\$143.93	\$155.10	\$179.92	\$114.15	\$732.07	\$27.64	\$13.19	\$8.93	\$8.54	\$8.64	\$11.78		\$810.79
32 33	Seasonal COG Difference from previous year Seasonal Percent Change from previous year							-\$173.69 -19.2%							\$31.00 65.0%	-\$142.69 -15.0%
34	Total Bill	\$93	\$193	\$279	\$299	\$342	\$227	\$1,433	\$87	\$46	\$33	\$30	\$30	\$38	\$265	\$1,698
35	Seasonal Total Bill Difference from previous year	ΨŪŪ	¥:00	Ψ=10	¥200	ΨVTŁ	Ψ 2 Δ1	-\$173.69	ΨŪΪ	ΨTV	ΨŪŪ	400	<i>400</i>	#00	\$31.00	-\$142.69
36	Seasonal Percent Change from previous year							-10.8%							13.2%	-7.8%
	Seasonal Percent Change resulting from Base Rates (incl.	. Def. Revenue	e Surch.)					0.0%							0.0%	0.0%
აგ	Seasonal Percent Change resulting from COG							-10.8%							13.2%	-7.8%

(1) Residential Heating Typical Usage: Residence using gas for heat, hot water and cooking.

SCHEDULE K-1

LIBERTY UTILITIES - KEENE DIVISION Typical Residential Heating Bill - Non-Fixed Price Option Program Forecasted 2017-2018 Winter Period vs. Actual 2016-2017 Winter Period

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(1
1 2	12 MONTHS ENDED 04/2017	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	Winter Nov-Apr	May-16	Jun-16	Ju
3 4	Typical Usage - therms (1) <u>Residential Heating</u>	35	77	116	125	145	92	590	44	21	
5 6	Customer Charge Delivery Charge: <u>Winter</u> <u>Summer</u>	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$9.00	\$9.00	
7	First 80 therms @ \$1.1522 \$1.1522	\$40.33	\$88.72	\$92.18	\$92.18	\$92.18	\$92.18	\$497.77	\$50.70	\$24.20	S
8	Next 120 therms @ \$0.9442 \$0.9442	\$0.00	\$0.00	\$33.99	\$42.49	\$61.37	\$11.33	\$149.18	\$0.00	\$0.00	
9	Over 200 therms @ \$0.7946 \$0.7946	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
10	Base Delivery Revenue Total	\$49.33	\$97.72	\$135.17	\$143.67	\$162.55	\$112.51	\$700.95	\$59.70	\$33.20	ę
11	Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0
12	Deferred Revenue Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	
	COG Rates	\$1.5152	\$1.6165	\$1.7694	\$1.7694	\$1.2750	\$1.1678		\$0.4019	\$0.4019	\$(
14	Cost of Gas Total	\$53.03	\$124.47	\$205.25	\$221.18	\$184.88	\$107.44	\$896.25	\$17.68	\$8.44	
15	Total Bill	\$102	\$222	\$340	\$365	\$347	\$220	\$1,597	\$77	\$42	

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1 2	12 MONTHS ENDED 04/2017	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	Winter Nov-Apr	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Summer May-Oct	Total Nov-Oct
3 4	Typical Usage - therms (1) Residential Heating	35	77	116	125	145	92	590	44	21	13	11	11	15	115	705
5 6	Customer Charge Delivery Charge: <u>Winter</u> <u>Summer</u>	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$108.00
7	First 80 therms @ \$1.1522 \$1.1522	\$40.33	\$88.72	\$92.18	\$92.18	\$92.18	\$92.18	\$497.77	\$50.70	\$24.20	\$14.98	\$12.67	\$12.67	\$17.28	\$132.50	\$630.27
8	Next 120 therms @ \$0.9442 \$0.9442	\$0.00 \$0.00	\$0.00 \$0.00	\$33.99 \$0.00	\$42.49	\$61.37 \$0.00	\$11.33	\$149.18 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$149.18 \$0.00
9	Over 200 therms @ \$0.7946 \$0.7946	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Φ0.00	\$0.00	\$0.00	\$0.00
10	Base Delivery Revenue Total	\$49.33	\$97.72	\$135.17	\$143.67	\$162.55	\$112.51	\$700.95	\$59.70	\$33.20	\$23.98	\$21.67	\$21.67	\$26.28	\$186.50	\$887.45
11	Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
12	Deferred Revenue Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	COG Rates	\$1.5152	\$1.6165	\$1.7694	\$1.7694	\$1.2750	\$1.1678	\$1.5191	\$0.4019	\$0.4019	\$0.4019	\$0.4019	\$0.4019	\$0.5024	\$0.4150	
14	Cost of Gas Total	\$53.03	\$124.47	\$205.25	\$221.18	\$184.88	\$107.44	\$896.25	\$17.68	\$8.44	\$5.22	\$4.42	\$4.42	\$7.54	\$47.72	\$943.97
15	Total Bill	\$102	\$222	\$340	\$365	\$347	\$220	\$1,597	\$77	\$42	\$29	\$26	\$26	\$34	\$234	\$1,831
		T -	*	•	•		·	¥ /	T	Ŧ	¥ -	¥ -	T -	• -		
16								Winter							Summer	Total
17	12 MONTHS ENDED 04/2018	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	Nov-Apr	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	May-Oct	Nov-Oct
18 19	Typical Usage - therms (1) Residential Heating	35	77	116	125	145	92	590	44	21	13	11	11	15	115	705
20 21	Customer Charge Delivery Charge: <u>Winter</u> Summer	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$54.00	\$108.00
22	First 80 therms @ \$1.1522 \$1.1522	\$40.33	\$88.72	\$92.18	\$92.18	\$92.18	\$92.18	\$497.77	\$50.70	\$24.20	\$14.98	\$12.67	\$12.67	\$17.28	\$132.50	\$630.27
23 24	Next 120 therms @ \$0.9442 \$0.9442 Over 200 therms @ \$0.7946 \$0.7946	\$0.00 \$0.00	\$0.00 \$0.00	\$33.99 \$0.00	\$42.49 \$0.00	\$61.37 \$0.00	\$11.33 \$0.00	\$149.18 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$149.18 \$0.00
24	Over 200 menns @ \$0.7340 \$0.7340	φ0.00	ψ0.00	ψ0.00	ψ0.00	ψ0.00	φ0.00	ψ0.00	ψ0.00	ψ0.00	φ0.00	φ0.00	φ0.00	φ0.00	ψ0.00	ψ0.00
	Base Delivery Revenue Total	\$49.33	\$97.72	\$135.17	\$143.67	\$162.55	\$112.51	\$700.95	\$59.70	\$33.20	\$23.98	\$21.67	\$21.67	\$26.28		\$887.45
	Seasonal Base Delivery Difference from previous year Seasonal Percent Change from previous year							\$0.00 0.0%							\$0.00 0.0%	\$0.00 0.0%
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	Deferred Revenue Surcharge Rate Deferred Revenue Surcharge Total	\$0.0000 \$0.00	\$0.0000 \$0.00	\$0.0000 \$0.00	\$0.0000 \$0.00	\$0.0000 \$0.00	\$0.0000 \$0.00	\$0.00	\$0.0000 \$0.00	\$0.0000 \$0.00	\$0.0000 \$0.00	\$0.0000 \$0.00	\$0.0000 \$0.00	\$0.0000 \$0.00	\$0.00	\$0.00
	ž															
	COG Rates Cost of Gas Total	\$1.2533 \$43.87	\$1.2533 \$96.50	\$1.2533 \$145.38	\$1.2533 \$156.66	\$1.2533 \$181.73	\$1.2533 \$115.30	\$1.2533 \$739.44	\$0.6281 \$27.64	\$0.6281 \$13.19	\$0.6866 \$8.93	\$0.7766 \$8.54	\$0.7851 \$8.64	\$0.7851 \$11.78	\$0.6845 \$78.72	\$818.16
	Seasonal COG Difference from previous year	ψ τ J.0 <i>1</i>	ψ30 . 30	ΨΙ-5.30	ψ150.00	ψισι./3	φ113.30	-\$156.81	Ψ21.04	ψ13.13	ψ0.33	ψ 0. J 4	ψ0.04	ψ11.70	\$31.00	-\$125.81
	Seasonal Percent Change from previous year							-17.5%							65.0%	-13.3%
34	Total Bill	\$93	\$194	\$281	\$300	\$344	\$228	\$1,440	\$87	\$46	\$33	\$30	\$30	\$38	\$265	\$1,706
35	Seasonal Total Bill Difference from previous year							-\$156.81							\$31.00	-\$125.81
36 37	Seasonal Percent Change from previous year Seasonal Percent Change resulting from Base Rates (incl.	Def Revenue	e Surch)					-9.8% 0.0%							13.2% 0.0%	-6.9% 0.0%
	Seasonal Percent Change resulting from COG		- Suron.)					-9.8%							13.2%	-6.9%

(1) Residential Heating Typical Usage: Residence using gas for heat, hot water and cooking.

SCHEDULE K-2

LIBERTY UTILITIES - KEENE DIVISION Typical Commercial Bill - Fixed Price Option Program Forecasted 2017-2018 Winter Period vs. Actual 2016-2017 Winter Period

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(1
1 2	12 MONTHS ENDED 04/2017	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	Winter Nov-Apr	May-16	Jun-16	Ju
3 4	Typical Usage - therms Commercial	158	264	450	423	338	337	1,970	183	115	
5 6	Customer Charge Delivery Charge: <u>Winter</u> <u>Summer</u>	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$18.00	\$18.00	
7	First 80 therms @ \$1.1522 \$1.1522	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$553.08	\$92.18	\$92.18	;
8	Next 120 therms @ \$0.9442 \$0.9442	\$73.69	\$113.30	\$113.30	\$113.30	\$113.30	\$113.30	\$640.19	\$97.25	\$33.05	5
9	Over 200 therms @ \$0.7946 \$0.7946	\$0.00	\$50.99	\$198.51	\$177.50	\$109.31	\$109.14	\$645.45	\$0.00	\$0.00	
10	Base Delivery Revenue Total	\$183.87	\$274.47	\$421.99	\$400.98	\$332.79	\$332.62	\$1,946.72	\$207.43	\$143.23	\$
11	Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$(
12	Deferred Revenue Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
	COG Rates	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$1.5352		\$0.4019	\$
14	Cost of Gas Total	\$242.64	\$405.55	\$690.57	\$649.98	\$518.24	\$517.90	\$3,024.88	\$73.55	\$46.22	
15	Total Bill	\$427	\$680	\$1,113	\$1,051	\$851	\$851	\$4,972	\$281	\$189	

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1 2	12 MONTHS ENDED 04/2017	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	Winter Nov-Apr	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Summer May-Oct	Total Nov-Oct
3 4	Typical Usage - therms Commercial	158	264	450	423	338	337	1,970	183	115	91	88	95	108	680	2,650
5 6	Customer Charge Delivery Charge: <u>Winter Summer</u>	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$216.00
7 8	First 80 therms @ \$1.1522 \$1.1522 Next 120 therms @ \$0.9442 \$0.9442	\$92.18 \$73.69	\$92.18 \$113.30	\$92.18 \$113.30	\$92.18 \$113.30	\$92.18 \$113.30	\$92.18 \$113.30	\$553.08 \$640.19	\$92.18 \$97.25	\$92.18 \$33.05	\$92.18 \$10.39	\$92.18 \$7.55	\$92.18 \$14.16	\$92.18 \$26.44	\$553.08 \$188.84	\$1,106.16 \$829.03
9	Over 200 therms @ \$0.7946 \$0.7946	\$0.00	\$50.99	\$198.51	\$177.50	\$109.31	\$109.14	\$645.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$645.45
10	Base Delivery Revenue Total	\$183.87	\$274.47	\$421.99	\$400.98	\$332.79	\$332.62	\$1,946.72	\$207.43	\$143.23	\$120.57	\$117.73	\$124.34	\$136.62	\$849.92	\$2,796.64
11	Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
12	Deferred Revenue Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	COG Rates	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$1.5352	\$0.4019	\$0.4019	\$0.4019	\$0.4019	\$0.4019	\$0.5024	\$0.4179	
14	Cost of Gas Total	\$242.64	\$405.55	\$690.57	\$649.98	\$518.24	\$517.90	\$3,024.88	\$73.55	\$46.22	\$36.57	\$35.37	\$38.18	\$54.26	\$284.15	\$3,309.03
15	Total Bill	\$427	\$680	\$1,113	\$1,051	\$851	\$851	\$4,972	\$281	\$189	\$157	\$153	\$163	\$191	\$1,134	\$6,106
16 17	12 MONTHS ENDED 04/2018	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	Winter Nov-Apr	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Summer May-Oct	Total Nov-Oct
18 19	Typical Usage - therms Commercial	158	264	450	423	338	337	1,970	183	115	91	88	95	108	680	2,650
	Customer Charge Delivery Charge: <u>Winter</u> <u>Summer</u>	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$216.00
22	First 80 therms @ \$1.1522 \$1.1522	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$553.08	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18		
23 24	Next 120 therms @ \$0.9442 \$0.9442 Over 200 therms @ \$0.7946 \$0.7946	\$73.69 \$0.00	\$113.30 \$50.99	\$113.30 \$198.51	\$113.30 \$177.50	\$113.30 \$109.31	\$113.30 \$109.14	\$640.19 \$645.45	\$97.25 \$0.00	\$33.05 \$0.00	\$10.39 \$0.00	\$7.55 \$0.00	\$14.16 \$0.00	\$26.44 \$0.00	\$188.84 \$0.00	\$829.03 \$645.45
24	Over 200 menns @ \$0.7340 \$0.7340	ψ0.00	ψ00.99	φ190.01	ψ177.50	φ109.51	φ109.14	ψ040.40	ψ0.00	ψ0.00	ψ0.00	ψ0.00	φ0.00	φ0.00	ψ0.00	φ0 4 0.40
	Base Delivery Revenue Total	\$183.87	\$274.47	\$421.99	\$400.98	\$332.79	\$332.62		\$207.43	\$143.23	\$120.57	\$117.73	\$124.34	\$136.62		\$2,796.64
	Seasonal Base Delivery Difference from previous year Seasonal Percent Change from previous year							\$0.00 0.0%							\$0.00 0.0%	\$0.00 0.0%
28	Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
	Deferred Revenue Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00
30	COG Rates	\$1.2408	\$1.2408	\$1.2408	\$1.2408	\$1.2408	\$1.2408	\$1.2408	\$0.6281	\$0.6281	\$0.6866	\$0.7766	\$0.7851	\$0.7851	\$0.7020	1
	Cost of Gas Total	\$196.11	\$327.78	\$558.15	\$525.34	\$418.86	\$418.59	\$2,444.83	\$114.94	\$72.23	\$62.48	\$68.34	\$74.58	\$84.79	\$477.36	\$2,922.19
32	Seasonal COG Difference from previous year							-\$580.05							\$193.21	-\$386.84
აპ	Seasonal Percent Change from previous year							-19.2%							68.0%	-11.7%
	Total Bill	\$380	\$602	\$980	\$926	\$752	\$751	\$4,392	\$322	\$215	\$183	\$186	\$199	\$221	\$1,327	\$5,719
	Seasonal Total Bill Difference from previous year Seasonal Percent Change from previous year							-\$580.05 -11.7%							\$193.21 17.0%	-\$386.84 -6.3%
	Seasonal Percent Change from previous year Seasonal Percent Change resulting from Base Rates (incl.	Def. Revenue	e Surch.)					-11.7% 0.0%							17.0% 0.0%	-6.3% 0.0%
	Seasonal Percent Change resulting from COG							-11.7%							17.0%	-6.3%

SCHEDULE L-1

LIBERTY UTILITIES - KEENE DIVISION Typical Commercial Bill - Non-Fixed Price Option Program Forecasted 2017-2018 Winter Period vs. Actual 2016-2017 Winter Period

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(1
1 2	12 MONTHS ENDED 04/2017	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	Winter Nov-Apr	May-16	Jun-16	Jul
3 4	Typical Usage - therms Commercial	158	264	450	423	338	337	1,970	183	115	
5 6	Customer Charge Delivery Charge: <u>Winter</u> <u>Summ</u>	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$18.00	\$18.00	Ş
7	First 80 therms @ \$1.1522 \$1.152	2 \$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$553.08	\$92.18	\$92.18	Ç
8	Next 120 therms @ \$0.9442 \$0.944	2 \$73.69	\$113.30	\$113.30	\$113.30	\$113.30	\$113.30	\$640.19	\$97.25	\$33.05	9
9	Over 200 therms @ \$0.7946 \$0.794	6 \$0.00	\$50.99	\$198.51	\$177.50	\$109.31	\$109.14	\$645.45	\$0.00	\$0.00	
10	Base Delivery Revenue Total	\$183.87	\$274.47	\$421.99	\$400.98	\$332.79	\$332.62	\$1,946.72	\$207.43	\$143.23	\$^
11	Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0
12	Deferred Revenue Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
	COG Rates	\$1.5152	\$1.6165	\$1.7694	\$1.7694	\$1.2750	\$1.1678		\$0.4019	\$0.4019	\$(
14	Cost of Gas Total	\$239.48	\$427.03	\$795.92	\$749.14	\$430.40	\$393.96	\$3,035.93	\$73.55	\$46.22	
15	Total Bill	\$423	\$702	\$1,218	\$1,150	\$763	\$727	\$4,983	\$281	\$189	

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1 2	12 MONTHS ENDED 04/2017	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	Winter Nov-Apr	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Summer May-Oct	Total Nov-Oct
3 4	Typical Usage - therms Commercial	158	264	450	423	338	337	1,970	183	115	91	88	95	108	680	2,650
5 6	Customer Charge Delivery Charge: <u>Winter</u> <u>Summer</u>	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$216.00
7	First 80 therms @ \$1.1522 \$1.1522	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$553.08	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$553.08	\$1,106.16
8 9	Next 120 therms @ \$0.9442 \$0.9442 Over 200 therms @ \$0.7946 \$0.7946	\$73.69 \$0.00	\$113.30 \$50.99	\$113.30 \$198.51	\$113.30 \$177.50	\$113.30 \$109.31	\$113.30 \$109.14	\$640.19 \$645.45	\$97.25 \$0.00	\$33.05 \$0.00	\$10.39 \$0.00	\$7.55 \$0.00	\$14.16 \$0.00	\$26.44 \$0.00	\$188.84 \$0.00	\$829.03 \$645.45
10	Base Delivery Revenue Total	\$183.87	\$274.47	\$421.99	\$400.98	\$332.79	\$332.62	\$1,946.72	\$207.43	\$143.23	\$120.57	\$117.73	\$124.34	\$136.62	\$849.92	\$2,796.64
11	Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
	Deferred Revenue Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
13	COG Rates	\$1.5152	\$1.6165	\$1.7694	\$1.7694	\$1.2750	\$1.1678	\$1.5408	\$0.4019	\$0.4019	\$0.4019	\$0.4019	\$0.4019	\$0.5024	\$0.4179	
	Cost of Gas Total	\$239.48	\$427.03	\$795.92	\$749.14	\$430.40	\$393.96		\$73.55	\$46.22	\$36.57	\$35.37	\$38.18	\$54.26	\$284.15	\$3,320.08
15	Total Bill	\$423	\$702	\$1,218	\$1,150	\$763	\$727	\$4,983	\$281	\$189	\$157	\$153	\$163	\$191	\$1,134	\$6,117
15		Φ42 3	Φ/ UZ	ΦΙ,ΖΙΟ	φ1,150	\$703	ΦΪΖΙ	 \$4,903	\$20 I	\$109	\$15 <i>1</i>	\$100	\$10 3	\$191	φ Ι,Ι 3 4	۵0,117
4.0																T ()
16 17	12 MONTHS ENDED 04/2018	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	Winter Nov-Apr	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Summer May-Oct	Total Nov-Oct
18 19	Typical Usage - therms <u>Commercial</u>	158	264	450	423	338	337	1,970	183	115	91	88	95	108	680	2,650
20 21	Customer Charge Delivery Charge: <u>Winter</u> <u>Summer</u>	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$18.00	\$108.00	\$216.00
22	First 80 therms @ \$1.1522 \$1.1522	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18		\$92.18	\$92.18	\$92.18	\$92.18	\$92.18	\$92.18		
23 24	Next 120 therms @ \$0.9442 \$0.9442 Over 200 therms @ \$0.7946 \$0.7946	\$73.69 \$0.00	\$113.30 \$50.99	\$113.30 \$198.51	\$113.30 \$177.50	\$113.30 \$109.31	\$113.30 \$109.14	\$640.19 \$645.45	\$97.25 \$0.00	\$33.05 \$0.00	\$10.39 \$0.00	\$7.55 \$0.00	\$14.16 \$0.00	\$26.44 \$0.00	\$188.84 \$0.00	\$829.03 \$645.45
24	Over 200 menns @ \$0.7940 \$0.7940	φ0.00	<i>ф</i> 00.99	φ190.01	φ177.50	φ109.31	φ109.14	φ045.45	φ0.00	φ0.00	φ0.00	φ0.00	φ0.00	φ0.00	φ0.00	φ045.45
	Base Delivery Revenue Total	\$183.87	\$274.47	\$421.99	\$400.98	\$332.79	\$332.62		\$207.43	\$143.23	\$120.57	\$117.73	\$124.34	\$136.62	\$849.92	\$2,796.64
	Seasonal Base Delivery Difference from previous year Seasonal Percent Change from previous year							\$0.00 0.0%							\$0.00 0.0%	\$0.00 0.0%
21	Seasonal reicent change nom previous year							0.078							0.078	0.078
	Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
29	Deferred Revenue Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	COG Rates	\$1.2533	\$1.2533	\$1.2533	\$1.2533	\$1.2533	\$1.2533		\$0.6281	\$0.6281	\$0.6866	\$0.7766	\$0.7851	\$0.7851	\$0.7020	
31	Cost of Gas Total	\$198.08	\$331.08	\$563.77	\$530.63	\$423.08	\$422.80		\$114.94	\$72.23	\$62.48	\$68.34	\$74.58	\$84.79		\$2,946.80
32 33	Seasonal COG Difference from previous year Seasonal Percent Change from previous year							-\$566.49 -18.7%							\$193.21 68.0%	-\$373.28 -11.2%
34	Total Bill	\$382	\$606	\$986	\$932	\$756	\$755	\$4,416	\$322	\$215	\$183	\$186	\$199	\$221	\$1,327	\$5,743
35	Seasonal Total Bill Difference from previous year							-\$566.49							\$193.21	-\$373.28
	Seasonal Percent Change from previous year	Dof Boyon	o Surah)					-11.4%							17.0%	-6.1%
	Seasonal Percent Change resulting from Base Rates (incl Seasonal Percent Change resulting from COG	. Det. Kevenu	e Surch.)					0.0% -11.4%							0.0% 17.0%	0.0% -6.1%
00	occount of the one of the occurrence of the occu	1						11.7/0							17.070	0.170

SCHEDULE L-2