Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Step 2 Adjustment List of Projects

	(a)	(b)	(c)		(d)		(e)	(f)	(g)	(h)
				(04/08/2022		8/15/2022	9/1/2022		
Line	Project Number	Project Name	<u>Priority</u>		Filing	Aud	it Adjustments	Proposal	In service Date	FERC
1	8840-2011	Main Replacement LPP-Restoration	2. Mandated	\$	2,045,661	\$	-	\$ 2,045,660.95	various	367
2	8840-2024	Nashua Paving	5. Discretionary	\$	531,719	\$	(531,719)	\$ -	various	367
3	8840-2102	Meter Protection Program	Mandated	\$	484,378	\$	-	\$ 484,377.56	12/31/2021	381
4	8840-2103	Cathodic Protection Program	Mandated	\$	511,291	\$	-	\$ 511,290.52	12/31/2021	376
5	8840-2105	Replacement Services Random	Mandated	\$	605,038	\$	-	\$ 605,038.33	various	380
6	8840-2110	Leak Repairs	Mandated	\$	1,325,264	\$	(3,330)	\$ 1,321,934.13	12/31/21	367
7	8840-2111	Main Replacement LPP	2. Mandated	\$	8,128,528	\$	-	\$ 8,128,527.75	various	367
8	8840-2113	Main Replacement Fitting LPP	Discretionary	\$	560,975	\$	-	\$ 560,974.62	12/31/21	367
9	8840-2114	K Meter Replacement Program	5. Discretionary	\$	380,282	\$	-	\$ 380,281.58	12/31/21	381
10	8840-2115	Aldyl-A Replacement Program	5. Discretionary	\$	110,184	\$	-	\$ 110,184.07	10/11/21	367
11	8840-2116	Main Replacement Reactive	Discretionary	\$	350,593	\$	-	\$ 350,593.36	various	367
12	8840-2118	Purchase Misc Capital Equipment & Tools	1. Safety	\$	247,679	\$	-	\$ 247,678.76	12/31/2021	394
13	8840-2123	Main Replacement City/State Construction	Mandated	\$	7,864,636	\$	-	\$ 7,864,635.64	various	367
14	8840-2125	Service Replacement Fitting City/State Construction	2. Mandated	\$	549,782	\$	-	\$ 549,782.02	12/31/21	367
15	8840-2131	Gas System Planning & Reliability	Discretionary	\$	959,389	\$	-	\$ 959,389.01	various	367
16	8840-2138	IT	Discretionary	\$	351,408	\$	(287,893)	\$ 63,514.90	12/31/2021	303
17	8840-2190	Transportation	5. Discretionary	\$	970,393	\$	-	\$ 970,392.57	12/31/2021	392
18	8840-2191	Meters	Mandated	\$	1,541,057	\$	(308,211)	\$ 1,232,845.86	various	381
19	8843-1819	Keene Expansion CNG Phase I Expansion*	5. Discretionary	\$	659,613	\$	-	\$ 659,613.20	2019	367
20				\$	28,177,868	\$	(1,131,152.98)	\$ 27,046,714.83		
21										

22

^{*}Keene Phase I CNG expansion costs are recovered according to a risk sharing mechanism.

The \$660K includes investment made in 2017-2019 related to installation of the temporary CNG facility, but deferred for recovery

²⁴ purposes until the second step adjustment.

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Step 2 Adjustment - Revenue Requirement

(Revised per Audit Adjustments and Depreciation Study)

ne	Description		ΙΤ	Transmission Mains		Distribution Mains		Services		Meters	Tr	ansportation		EN-Tools-Shop- Garage Equip		Total
	FERC Account		303	367		376		380		381		392		394		
L	Capital Spending	\$	63,515	\$ 22,551,2	95 \$	511,291	\$	605,038	\$	2,097,505	\$	970,393	\$	247,679	\$	27,046,715
2	5.6 17 61 1.0															
3	Deferred Tax Calculation	_	MACRE	MACRESO		MACRESO		MACRESO		144 CDC20		MACRE		MACD57		
	Tax Method		MACRS5	MACRS20	F0/	MACRS20		MACRS20		MACRS20		MACRS5		MACRS7		
5	Tax Depreciation Rate		20.00%	3.7	5%	3.75%		3.75%		3.75%		20.00%		14.29%		
7	Bonus Depreciation @ 0.00%	\$		\$ -	\$		Ś		\$		\$		Ś		Ś	
3	Bonus Depreciation @ 0.00%	Ş	-	, -	Ş	-	Ş	-	Ş	-	Ş	-	Ş	-	Ş	-
	Tax Basis	\$	63,515	\$ 22,551,2	95 ¢	511,291	\$	605,038	\$	2,097,505	\$	970,393	\$	247,679	\$	27,046,715
0	MACRS Depreciation	\$	12,703	. , ,		19,173		22,689	-	78,656	•	194,079		35,393	\$	1,208,36
1	MACIO Depreciation	Y	12,703	٥,٠٠٠ ب	/ -	15,175	Ļ	22,003	Ļ	78,030	Ţ	154,075	٠	33,333	J	1,200,30
2	Tax Depreciation - Federal	Ś	12,703	\$ 845,6	74 \$	19,173	\$	22,689	\$	78,656	Ś	194,079	\$	35,393	\$	1,208,367
	Tax Depreciation - State	Ś	12,703			19,173		22,689		78,656	•	194,079		35,393	\$	1,208,367
4		·	,	,		-,		,		-,	•	. ,		,		,,
.5	Book Depreciation Rate		20.00%	1.9	2%	1.92%		3.20%		3.33%		20.00%		5.26%		
6	Book Depreciation	\$	12,703		85 \$	9,817	\$	19,361	\$	69,847	\$	194,079	\$	13,028	\$	751,819
.7																
.8	Tax over (under) Book - Federal	\$	-	\$ 412,6	89 \$	9,357	\$	3,328	\$	8,810	\$	-	\$	22,365	\$	456,548
9	Tax over (under) Book - State		0	412,6	89	9,357		3,328		8,810		0		22,365		456,548
20	Deferred Taxes - Federal @ 21.00%		0	86,6	65	1,965		699		1,850		0		4,697		95,87
1	Deferred Taxes - State @ 7.60%		0	31,3	64	711		253		670		0		1,700		34,69
2	Deferred Tax Balance @ 0.00%	\$	-	\$ 118,0	29 \$	2,676	\$	952	\$	2,520	\$	-	\$	6,397	\$	130,57
:3																
4	Rate Base Calculation	_														
25	Plant in Service	\$	63,515	. , ,		511,291	\$	605,038	\$	2,097,505	\$	970,393	\$	247,679	\$	27,046,71
26	Accumulated Depreciation		(12,703)	(432,9		(9,817)		(19,361)		(69,847)		(194,079)		(13,028)	\$	(751,81
27	Deferred Tax Balance		0	(118,0		(2,676)		(952)		(2,520)		0		(6,397)	\$	(130,57
8.	Rate Base	\$	50,812	\$ 22,000,2	81 \$	498,798	\$	584,725	\$	2,025,139	\$	776,314	\$	228,254	\$	26,164,32
19																
80	Revenue Requirement Calculation	_														
1	Return on Rate Base @ 8.76%	\$	4,451	. , ,		43,697	\$	51,225	\$	177,412	\$	68,009	\$	19,996	\$	2,292,126
2	Depreciation Expense		12,703	432,9		9,817		19,361		69,847		194,079		13,028	\$	751,819
3	Property Tax @ \$6.60 per \$1000		419	148,8		3,375		3,993		13,844		6,405		1,635	\$	178,50
4	Annual Revenue Requirement	\$	17,574	\$ 2,509,1	58 Ş	56,888	Ş	74,579	Ş	261,103	Ş	268,492	Ş	34,659	\$	3,222,45
5				,												(24.05
6	Keene CNG Phase I Expansion Revenue		•		caicuia	ition)										(21,96
7	Total Annual Revenue Requirement Rel	ated 202	1 Plant Additions	5												3,200,49
	Cap to Revenue Requirement per Settle	mont Aa	roomant in DG 2	0 105												3,200,00
	Adjustment to Depreciation Expense So	-		0-103												(660,21
	Resulting Total Annual Revenue Require		page 2												\$	2,539,78
9	Resulting Total Annual Nevenue Require	ement														2,333,70
0																Capped at \$3,200,0
1																capped at 93,200,00
12	Rate of Return Calculation*	Ca	pital Structure	Cost of Capital	V	Veighted Cost of		Tax Rate	Pr	re-Tax WACC						
			•	•		Capital										
	Equity		52.0%	9.3	በ%	4.84%		27.004%		6.63%						
3 4 5	Debt		48.0% 100.0%	4.4	2%	2.12%				2.12% 8.76%						

⁴⁵ Louis As approved in the Settlement Agreement in Docket No. DG 20-105 with exception of the effective tax rate

Liberty Utilities (EnergyNorth Natural Gas) d/b/a Liberty Rate Calculation

1	1	Non Heat	MEP Non Heat	Heat	MEP Heat	Low Annual	MEP Low	Medium	MEP Medium	High Annual	MEP High	Low Annual	MEP Low	Medium	MEP Medium	High Annual	MEP High	High Annual	MEP High
	40	R-1	R-5	R-3/R-4	R-6/R-7	G-41	Annual G-44	Annual G-42	Annual G-45	G-43	Annual G-46	G-51	Annual G-55 (M)	Annual G-52	Annual G-56	G-53	Annual G-57	G-54	Annual G-58
1	(A) A. TY revenues	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)	(J)	(K)	(L)	(M)	(N)	(0)	(P)	(Q)	(R)	(S)
3	Winter Rates																		
5	Customer charge Headblock	\$15.39 \$0.384	\$20.01 \$0.500	\$15.39 \$0.563	\$20.01 \$0.732	\$57.06 \$0.469	\$74.18 \$0.609	\$171.19 \$0.426	\$222.55 \$0.554	\$734.69 \$0.262	\$955.10 \$0.341	\$57.06 \$0.282	\$74.18 \$0.366	\$171.19 \$0.243	\$222.55 \$0.316	\$756.10 \$0.170	\$982.93 \$0.221	\$756.10 \$0.065	\$982.93 \$0.084
6 7	Tailblock TY Quantities (w/ EOY adjustment)	\$0.384	\$0.500	\$0.563	\$0.732	\$0.315	\$0.409	\$0.284	\$0.369	\$0.262	\$0.341	\$0.183	\$0.238	\$0.162	\$0.210	\$0.170	\$0.221	\$0.065	\$0.084
8	Customers Headblock	20,569 480,581	321 11,918	477,410 52,125,602	886 136,395	57,400 4,760,423	16 1,312	8,565 8,153,718	30 29,152	332 8,788,188	27 0	7,806 547,547	18 693	2,374 2,290,320	0	207 6,233,247	0	162 7,866,954	6 163,520
10 11	Tailblock Summer	0	0	0	0	16,976,813	7,131	20,939,418	78,004	0	0	1,977,978	2,318	3,700,373	0	0	0	0	0
12	Rates	445.20	420.04	445.30	420.04	657.05	674.40	4474.40	4222.55	4774.00	4055.40	457.05	474.40	6474.40	4222.55	6755.40	6002.02	475540	6002.02
13 14	Customer charge Headblock	\$15.39 \$0.384	\$20.01 \$0.500	\$15.39 \$0.563	\$20.01 \$0.732	\$57.06 \$0.469	\$74.18 \$0.609	\$171.19 \$0.426	\$222.55 \$0.554	\$734.69 \$0.120	\$955.10 \$0.156	\$57.06 \$0.282	\$74.18 \$0.366	\$171.19 \$0.176	\$222.55 \$0.229	\$756.10 \$0.081	\$982.93 \$0.106	\$756.10 \$0.035	\$982.93 \$0.046
15 16	Tailblock TY Quantities (w/ EOY adjustment)	\$0.384	\$0.500	\$0.563	\$0.732	\$0.315	\$0.409	\$0.284	\$0.369	\$0.120	\$0.156	\$0.183	\$0.238	\$0.100	\$0.130	\$0.081	\$0.106	\$0.035	\$0.046
17 18	Customers Headblock	20,892 238,935	379 3,635	480,333 10,768,507	1,126 30,580	56,024 677,493	16 279	8,666 2,364,147	33 10,153	318 2,573,105	39 0	7,918 483,696	18 402	2,424 2,027,375	0	203 4,192,201	0	159 10,136,028	6 115,234
19 20	Tailblock Revenues	0	0	0	0	2,430,074	1,378	3,448,189	16,180	0	0	1,087,314	112	1,646,101	0	0	0	0	0
21	Customer Volumetric	\$638,178 \$276,556	\$14,001 \$7,771	\$14,741,922 \$35,424,180	\$40,258 \$122,260	\$6,472,076 \$8,661,249	\$2,374 \$4,454	\$2,949,835 \$11,405,663	\$13,991 \$56,535	\$477,379 \$2.610.567	\$63,037 \$0	\$897,192 \$852,576	\$2,708 \$980	\$821,458 \$1,675,738	\$0 \$0	\$310,531 \$1,399,474	\$0 \$0	\$243,011 \$866,002	\$11,959 \$19,036
23	Total	\$914,734	\$21,772	\$50,166,102	\$162,518	\$15,133,324	\$6,828	\$14,355,498	\$70,526	\$3,087,946	\$63,037	\$1,749,768	\$3,688	\$2,497,195	\$0	\$1,710,005	\$0	\$1,109,013	\$30,995
24 25	Combined	\$936,507		\$50,328,620		\$15,140,152		\$14,426,024		\$3,150,983		\$1,753,456		\$2,497,195		\$1,710,005		\$1,140,008	
27	Class requirements (combined) Step																		
28 29	Share Set changes (X="no increment")	1%		55%		17%		16%		3%		2%		3%		2%		1%	
30 31	Customer Volumetric	х		x	x														
32 33	Revenue ratios From RATES-5																		
34 35	Customer Volumetric	70% 30%		29% 71%		43% 57%		21% 79%		17% 83%		51% 49%		33% 67%		18% 82%		22% 78%	
36 37	Adjusted share Customer	0%		0%		43%		21%		17%		51%		33%		18%		22%	
38 39	Volumetric Incremental class revenue requirement	100%		100%		57%		79%		83%		49%		67%		82%		78%	
40	Customer	\$0		\$0		\$180,535		\$82,644		\$15,069		\$25,093		\$22,906		\$8,659		\$7,110	
41 42	Volumetric	\$26,114		\$1,403,378		\$241,637		\$319,615		\$72,794		\$23,801		\$46,727		\$39,023		\$24,679	
43 44	Incremental charge Customers - 2021			T		l		I											
45 46	Bill count Bills allocator	42,101 43,302	924	979,006 984,221	4,012	115,459 115,708	191	17,529 17,656	97	697 783	66	15,627 15,690	48	4,949 4,949	0	417 417	0	314 330	12
47 48	Base (non-MEP) rate Incremental rate	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00	\$1.56 \$1.56	\$2.03	\$4.68 \$4.68	\$6.09	\$19.25 \$19.25	\$25.03	\$1.60 \$1.60	\$2.08	\$4.63 \$4.63	\$6.02	\$20.75 \$20.75	\$26.98	\$21.57 \$21.57	\$28.03
49 50	Volumes - 2021																		
51 52	Winter Headblock volumes	559,431	16,904	51,857,298	178,096	4,561,858	6,611	7,983,157	44,765	9,563,203	1	518,832	1,054	2,246,152	0	5,946,038	0	7,703,088	122,528
53	Tailblock volumes	0	0	0	0	16,717,662	18,295	20,825,525	163,071	0	ō	1,904,222	2,675	3,036,500	0	0	0	0	0
54 55	Summer Headblock volumes	242,642	4,538	10,570,040	37,225	668,437	582	2,283,483	13,639	2,618,686	2	459,811	798	1,867,958	0	3,987,281	0	9,234,988	106,592
56 57	Tailblock volumes Rate change	0	0	0	0	2,246,854	1,191	2,966,606	19,754	0	0	957,689	761	1,294,404	0	0	0	0	0
58 59	Total volumes Volumes allocator	802,072 829,947	21,442	62,427,339 62,707,256	215,321	24,194,811 24,229,494	26,679	34,058,771 34,372,369	241,230	12,181,888 12,181,892	3	3,840,553 3,847,427	5,288	8,445,014 8,445,014	0	9,933,319 9,933,319	0	16,938,076 17,235,932	229,120
60 61	Base (non-MEP) rate Incremental rate	\$0.0315 \$0.0315	\$0.0409	\$0.0224 \$0.0224	\$0.0291	\$0.0100 \$0.0100	\$0.0130	\$0.0093 \$0.0093	\$0.0121	\$0.0060 \$0.0060	\$0.0078	\$0.0062 \$0.0062	\$0.0080	\$0.0055 \$0.0055	\$0.0072	\$0.0039 \$0.0039	\$0.0051	\$0.0014 \$0.0014	\$0.0019
62 63	Incremental revenue proof																		
64 65	Customer Customers	42,101	924	979,006	4,012	115,459	191	17,529	97	697	66	15,627	48	4.949	0	417	0	314	12
66 67	Incremental rate Incremental revenues	\$0.00 \$0	\$0.00 \$0	\$0.00 \$0	\$0.00	\$1.56 \$180,148	\$2.03 \$388	\$4.68 \$82,052	\$6.09 \$592	\$19.25 \$13,417	\$25.03 \$1,652	\$1.60 \$24,993	\$2.08 \$100	\$4.63 \$22,906	\$6.02 \$0	\$20.75 \$8,659	\$26.98 \$0	\$21.57 \$6,769	\$28.03 \$341
68 69	Winter	50	50	30	30	3100,140	3300	302,032	3332	313,417	31,031	324,333	3100	322,300	~	30,033	~	30,703	3341
70	Headblock volumes	559,431	16,904	51,857,298	178,096	4,561,858	6,611	7,983,157	44,765	9,563,203	1	518,832	1,054	2,246,152	0	5,946,038	0	7,703,088	122,528
71 72	Headblock incremental charge Headblock incremental revenues	\$0.031 \$17,602	\$0.041 \$691	\$0.022 \$1,160,558	\$0.029 \$5,181	\$0.010 \$45,495	\$0.013 \$86	\$0.009 \$74,232	\$0.012 \$541	\$0.006 \$57,146	\$0.008 \$0	\$0.006 \$3,210	\$0.008 \$8	\$0.006 \$12,428	\$0.007 \$0	\$0.004 \$23,359	\$0.005 \$0	\$0.001 \$11,029	\$0.002 \$228
73 74	Tailblock volumes	0	0	0	0	16,717,662	18,295	20,825,525	163,071	0	0	1,904,222	2,675	3,036,500	0	0	0	. 0	0
75 76	Tailblock incremental charge Tailblock incremental revenues	\$0.031 \$0	\$0.041 \$0	\$0.022 \$0	\$0.029 \$0	\$0.010 \$166,723	\$0.013 \$237	\$0.009 \$193,648	\$0.012 \$1,971	\$0.006 \$0	\$0.008 \$0	\$0.006 \$11,780	\$0.008 \$22	\$0.006 \$16,801	\$0.007 \$0	\$0.004 \$0	\$0.005 \$0	\$0.001 \$0	\$0.002 \$0
77 78	Summer																		
79 80	Headblock volumes Headblock incremental charge	242,642 \$0.031	4,538 \$0.041	10,570,040 \$0.022	37,225 \$0.029	668,437 \$0.010	582 \$0.013	2,283,483 \$0.009	13,639 \$0.012	2,618,686 \$0.006	2 \$0.008	459,811 \$0.006	798 \$0.008	1,867,958 \$0.006	0 \$0.007	3,987,281 \$0.004	0 \$0.005	9,234,988 \$0.001	106,592 \$0.002
81 82	Headblock incremental revenues	\$7,635	\$186	\$236,556	\$1,083	\$6,666	\$8	\$21,233	\$165	\$15,648	\$0	\$2,844	\$6	\$10,336	\$0	\$15,664	\$0	\$13,223	\$198
83	Tailblock volumes	0	0	0 0000	0	2,246,854	1,191	2,966,606	19,754	0	0	957,689	761	1,294,404	0	0	0	0	0
84 85	Tailblock incremental charge Tailblock incremental revenues	\$0.031 \$0	\$0.041 \$0	\$0.022 \$0	\$0.029 \$0	\$0.010 \$22,408	\$0.013 \$15	\$0.009 \$27,585	\$0.012 \$239	\$0.006 \$0	\$0.008 \$0	\$0.006 \$5,924	\$0.008 \$6	\$0.006 \$7,162	\$0.007 \$0	\$0.004 \$0	\$0.005 \$0	\$0.001 \$0	\$0.002 \$0
86 87	Totals					l .		l .										l .	
88 89	Customer revenues Volumetric revenues	\$0 \$25,237	\$0 \$877	\$0 \$1,397,114	\$0 \$6,264	\$180,148 \$241,291	\$388 \$346	\$82,052 \$316,699	\$592 \$2,916	\$13,417 \$72,794	\$1,652 \$0	\$24,993 \$23,758	\$100 \$43	\$22,906 \$46,727	\$0 \$0	\$8,659 \$39,023	\$0 \$0	\$6,769 \$24,252	\$341 \$426
90 91	Total Check	\$25,237	\$877	\$1,397,114	\$6,264	\$421,439	\$734	\$398,751	\$3,508	\$86,211	\$1,652	\$48,751	\$143	\$69,633	\$0	\$47,682	\$0	\$31,021	\$768
92 93	Rate impacts	<u> </u>		<u> </u>		<u> </u>		<u> </u>		<u> </u>		<u> </u>		<u> </u>		<u> </u>		<u> </u>	
94 95	Customer August 1, 2022 Rates	\$15.39	\$20.01	\$15.39	\$20.01	\$62.03	\$80.64	\$186.03	\$241.83	\$796.32	\$1,035.22	\$62.08	\$80.70	\$185.80	\$241.54	\$821.64	\$1,068.13	\$821.65	\$1,068.14
96 97	September 1, 2022 Rates Change	\$15.39 0%	\$20.01	\$15.39 0%	\$20.01	\$63.59 3%	\$82.67	\$190.71 3%	\$247.92	\$815.58 2%	\$1,060.25 2%	\$63.68 3%	\$82.78 3%	\$190.43 2%	\$247.55 2%	\$842.39 3%	\$1,095.11 3%	\$843.22 3%	\$1,096.18
98	Winter volumetric	U76	U76	U76	U76	376	376	376	376	270	476	376	376	476	476	376	376	376	376
99 100	Headblock	\$0.4873	\$0.6335	\$0.6337	\$0.8238	\$0.5007	\$0.6509	\$0.4558	\$0.5925	\$0.2814	\$0.3658	\$0.3020	\$0.3927	\$0.2602	\$0.3383	\$0.1819	\$0.2365	\$0.0693	\$0.0901
101 102	August 1, 2022 Rates			\$0.6561	\$0.8529	\$0.5107	\$0.6639	\$0.4651	\$0.6046 2%	\$0.2874 2%	\$0.3736 2%	\$0.3082 2%	\$0.4007 2%	\$0.2658 2%	\$0.3455 2%	\$0.1858 2%	\$0.2416 2%	\$0.0707 2%	\$0.0919 2%
	September 1, 2022 Rates Change	\$0.5187 6%	\$0.6744 6%	4%	4%	2%	2%	2%	2.74						2.74		270	276	276
103 104	September 1, 2022 Rates Change Tailblock August 1, 2022 Rates					\$0.3469	\$0.4510	\$0.3136	\$0.4077			\$0.2034	\$0.2645	\$0.1791	\$0.2328		270	276	276
103	September 1, 2022 Rates Change Tailblock												\$0.2645 \$0.2725 3%	\$0.1791 \$0.1846 3%			2%	276	2%
103 104 105	September 1, 2022 Rates Change Tailblock August 1, 2022 Rates September 1, 2022 Rates					\$0.3469 \$0.3569	\$0.4510 \$0.4639	\$0.3136 \$0.3229	\$0.4077 \$0.4198			\$0.2034 \$0.2096	\$0.2725	\$0.1846	\$0.2328 \$0.2400		276	276	276
103 104 105 106 107 108 109	September 1, 2022 Rates Change Tailblock August 1, 2022 Rates September 1, 2022 Rates Change Summer volumetric He August 1, 2022 Rates September 1, 2022 Rates	6% \$0.4873	6% \$0.6335	4% \$0.6337	4% \$0.8238	\$0.3469 \$0.3569 3% \$0.5007	\$0.4510 \$0.4639 3% \$0.6509	\$0.3136 \$0.3229 3% \$0.4558	\$0.4077 \$0.4198 3% \$0.5925	\$0.1392	\$0.1810 \$0.1888	\$0.2034 \$0.2096 3% \$0.3020	\$0.2725 3% \$0.3927	\$0.1846 3% \$0.1933	\$0.2328 \$0.2400 3% \$0.2513	\$0.0936	\$0.1217	\$0.0397	\$0.0516
103 104 105 106 107 108	September 1, 2022 Raties Change Tailblock August 1, 2022 Raties September 1, 2022 Raties Change Summer volumetric He August 1, 2022 Raties	6%	6%	4%	4%	\$0.3469 \$0.3569 3%	\$0.4510 \$0.4639 3%	\$0.3136 \$0.3229 3%	\$0.4077 \$0.4198 3%		\$0.1810 \$0.1888 4%	\$0.2034 \$0.2096 3%	\$0.2725 3%	\$0.1846 3%	\$0.2328 \$0.2400 3%				

						Base Rates						1
Rate			8	8/1/2022 Rates		Request for Rates Effective 9/1/2022		oposed Base Rates Effective 9/1/2022		M Decrease for delayed irst step full recovery effective 8/1/23	Proj	posed Rate Effective 8/1/23
						(a)		(b)		(c)		(d)
R1	Customer Charge		\$	15.39	\$	-	\$	15.39	\$	· · · · -	\$	15.39
	Winter LDAC Charge	Charge for 1st Therms	\$	0.4873	\$	0.0315	\$	0.5188	\$	(0.0515)	\$	0.4673
	Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.4873	\$	0.0315	\$	0.5188	\$	(0.0515)	\$	0.4673
	Cost of Gas <u>Summer</u>	Cost of Gas Rate Charge for 1st Therms	\$	0.4873	\$	0.0315	\$	0.5188	\$	(0.0515)	\$	0.4673
	LDAC Charge Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.4873	\$	0.0315	\$	0.5188	\$	(0.0515)	\$	0.4673
	Cost of Gas	Cost of Gas Rate										
R3	Customer Charge Winter	Charge for 1st Therms	\$	15.39 0.6337	\$	0.0224	\$	15.39 0.6561	\$	(0.0352)	\$ \$	15.39 0.6209
	LDAC Charge Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.6337	\$	0.0224	\$	0.6561	\$	(0.0352)	\$	0.6209
	Cost of Gas Summer	Cost of Gas Rate Charge for 1st Therms	\$	0.6337	\$	0.0224	\$	0.6561	\$	(0.0352)	¢	0.6209
	LDAC Charge Energy Charge	Charge for Therms over 1st	\$	0.6337	\$	0.0224		0.6561	\$	(0.0352)	·	0.6209
	Block Size Cost of Gas	Cutoff for First Block Cost of Gas Rate	Ψ	-	Ψ	0.0224	Ψ	-	Ψ	(0.0332)	ب	0.0209
R4	Winter Customer C		\$	8.47	\$		\$	8.47	\$		\$	8.47
1 1 4	Summer Customer	· ·	\$	15.39	\$		\$	15.39	\$	_	\$	15.3924
	Winter LDAC Charge	Charge for 1st Therms	\$	0.3485	\$	0.0123	\$	0.3608	\$	(0.0194)		0.3414
	Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.3485	\$	0.0123	\$	0.3608	\$	(0.0194)	\$	0.3414
	Cost of Gas Summer	Cost of Gas Rate Charge for 1st Therms	\$	0.6337	\$	0.0224	\$	0.6561	\$	(0.0352)	\$	0.6209
	LDAC Charge Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.6337	\$	0.0224	\$	0.6561	\$	(0.0352)	\$	0.6209
4.4	Cost of Gas	Cost of Gas Rate		-		4.50			•	(0.40)	4	C1.11
41	Customer Charge Winter LDAC Charge	Charge for 1st Therms	\$	62.03 0.5007	\$	1.56 0.0100	\$	63.59 0.5107	\$	(2.48) (0.0160)		61.11 0.4947
	Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.3469 100	\$	0.0100	\$ \$	0.3569 100	\$	(0.0160)	\$	0.3409
	Cost of Gas Summer	Cost of Gas Rate Charge for 1st Therms	\$	0.5007	\$	0.0100	\$	0.5107	\$	(0.0160)	\$	0.4947
	LDAC Charge Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.3469 20	\$	0.0100	\$	0.3569 20	\$	(0.0160)	\$	0.3409
	Cost of Gas	Cost of Gas Rate										
42	Customer Charge Winter LDAC Charge	Charge for 1st Therms	\$	186.03 0.4558	\$	4.68 0.0093		190.71 0.4651	\$	(7.42) (0.0149)		183.29 0.4502
	Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.3136 1,000	\$	0.0093	\$	0.3229 1,000	\$	(0.0149)	\$	0.3080
	Cost of Gas Summer	Cost of Gas Rate Charge for 1st Therms	\$	0.4558	\$	0.0093	\$	0.4651	\$	(0.0149)	\$	0.4502
	LDAC Charge Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.3136 400	\$	0.0093	\$	0.3229 400	\$	(0.0149)	\$	0.3080
	Cost of Gas	Cost of Gas Rate		700			1	-100				
43	Customer Charge Winter	Charge for 1st Therms	\$	796.32 0.2814	\$ \$	19.25 0.0060	1 1	815.57 0.2874	\$	(30.82) (0.0097)		784.76 0.2777
	LDAC Charge Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.2814	\$	0.0060	\$	0.2874	\$	(0.0097)	\$	0.2777
	Cost of Gas Summer	Cost of Gas Rate Charge for 1st Therms	\$	0.1392	\$	0.0060		0.1452	\$	(0.0097)	\$	0.1355
	LDAC Charge Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.1392	\$	0.0060	\$	0.1452 -	\$	(0.0097)	\$	0.1355
	Cost of Gas	Cost of Gas Rate										

Cost of Gas Cost of Gas Rate

(a) \$2.5M Increase for Second Step adjustment effective 8/1/2022 - until next rate case

⁽b) Proposed Rate Effective 8/1/22 including step 2 adjustment

						Base Rates					
Rate			l	/1/2022 Rates		Request for Rates Effective 9/1/2022		posed Base Rates ffective 9/1/2022	\$4M Decrease for delayed first step full recovery effective 8/1/23	Propo	osed Rate Effective 8/1/23
						(a)		(b)	(c)		(d)
51	Customer Charge		\$	62.08	\$	1.60	\$	63.68	\$ (2.51)	\$	61.17
	Winter LDAC Charge	Charge for 1st Therms	\$	0.3020	\$	0.0062	\$	0.3082	\$ (0.0101)	\$	0.2981
	Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.2034 100	\$	0.0062	\$	0.2096 100	\$ (0.0101)	\$	0.1995
	Cost of Gas Summer	Cost of Gas Rate Charge for 1st Therms	\$	0.3020	\$	0.0062	\$	0.3082	\$ (0.0101)	\$	0.2981
	LDAC Charge Energy Charge	Charge for Therms over 1st	\$	0.2034	\$	0.0062	\$	0.2096	\$ (0.0101)	\$	0.1995
	Block Size Cost of Gas	Cutoff for First Block Cost of Gas Rate		100				100	, ,		
52	Customer Charge		\$	185.80	\$	4.63	\$	190.43	\$ (7.30)	\$	183.13
	Winter LDAC Charge	Charge for 1st Therms	\$	0.2602	\$	0.0055	\$	0.2657	\$ (0.0087)		0.2570
	Energy Charge Block Size Cost of Gas	Charge for Therms over 1st Cutoff for First Block	\$	0.1791 1,000	\$	0.0055	\$	0.1846 1,000	\$ (0.0087)	\$	0.1759
	Summer LDAC Charge	Cost of Gas Rate Charge for 1st Therms	\$	0.1933	\$	0.0055	\$	0.1988	\$ (0.0087)	\$	0.1901
	Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.1174 1,000	\$	0.0055	\$	0.1229 1,000	\$ (0.0087)	\$	0.1142
	Cost of Gas	Cost of Gas Rate									
53	Customer Charge Winter	Charge for 1st Therms	\$ \$	821.64 0.1819	\$ \$	20.75 0.0039	\$ \$	842.39 0.1858	\$ (32.77) \$ (0.0061)		809.62 0.1797
	LDAC Charge Energy Charge	Charge for Therms over 1st	\$	0.1819	\$	0.0039	\$	0.1858	\$ (0.0061)	\$	0.1797
	Block Size Cost of Gas	Cutoff for First Block Cost of Gas Rate		-			\$	-			
	Summer LDAC Charge	Charge for 1st Therms	\$	0.0936	\$	0.0039	\$	0.0975	\$ (0.0061)		0.0914
	Energy Charge Block Size Cost of Gas	Charge for Therms over 1st Cutoff for First Block Cost of Gas Rate	\$	0.0936	\$	0.0039	\$	0.0975	\$ (0.0061)	\$	0.0914
54	Customer Charge	Cost of Gas Nate	\$	821.65	\$	21.57	\$	843.22	\$ (32.77)	ċ	810.44
54	Winter LDAC Charge	Charge for 1st Therms	\$	0.0693	\$	0.0014	\$	0.0707	\$ (0.0023)		0.0685
	Energy Charge Block Size Cost of Gas	Charge for Therms over 1st Cutoff for First Block	\$	0.0693	\$	0.0014	\$	0.0707	\$ (0.0023)	\$	0.0685
	Summer LDAC Charge	Cost of Gas Rate Charge for 1st Therms	\$	0.0397	\$	0.0014	\$	0.0411	\$ (0.0023)	\$	0.0389
	Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.0397	\$	0.0014	\$ \$	0.0411	\$ (0.0023)	\$	0.0389
	Cost of Gas	Cost of Gas Rate									
R5	Customer Charge Winter LDAC Charge	Charge for 1st Therms	\$	20.01 0.6335	\$	0.0409	\$	20.01 0.6744	\$ - \$ (0.0669)	\$ \$	20.01 0.6075
	Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.6335	\$	0.0409	\$	0.6744	\$ (0.0669)	\$	0.6075
	Cost of Gas Summer	Cost of Gas Rate Charge for 1st Therms	\$	0.6335	\$	0.0409	\$	0.6744	\$ (0.0669)	\$	0.6075
	LDAC Charge Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.6335	\$	0.0409	\$	0.6744	\$ (0.0669)	\$	0.6075
1	Cost of Gas	Cost of Gas Rate	l				-				
R6	Customer Charge Winter	Charge for 1st Therms	\$ \$	20.01 0.8238	\$	- 0.0291	\$ \$	20.01 0.8529	\$ - \$ (0.0458)	\$ \$	20.01 0.8071
	LDAC Charge Energy Charge	Charge for Therms over 1st	\$	0.8238	\$	0.0291	\$	0.8529	\$ (0.0458)	\$	0.8071
	Block Size Cost of Gas	Cutoff for First Block Cost of Gas Rate	_	-		2 222	\$	-	h (2.2.1==-		
	Summer LDAC Charge Energy Charge	Charge for 1st Therms Charge for Therms over 1st	\$	0.8238	\$	0.0291 0.0291	\$	0.8529 0.8529	\$ (0.0458) \$ (0.0458)		0.8071 0.8071
	Block Size Cost of Gas	Cutoff for First Block Cost of Gas Rate	Ψ	-	φ	0.0291	\$	-	ψ (0.0456)	ب	0.6071

Cost of Gas Cost of Gas Rate

(a) \$2.5M Increase for Second Step adjustment effective 8/1/2022 - until next rate case

⁽b) Proposed Rate Effective 8/1/22 including step 2 adjustment

					Base Rates					
Rate			8	3/1/2022 Rates	Request for Rates Effective 9/1/2022		posed Base Rates ffective 9/1/2022	\$4M Decrease for delayed first step full recovery effective 8/1/23		oposed Rate Effective 8/1/23
					(a)		(b)	(c)		(d)
R7	Customer Charge		\$	11.01	\$ -	\$	11.01	\$ -	\$	
	Winter LDAC Charge	Charge for 1st Therms	\$	0.4531	\$ 0.0160	\$	0.4691	\$ (0.0252)		
	Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.4531 -	\$ 0.0160	\$ \$	0.4691 -	\$ (0.0252)) \$	0.4439
	Cost of Gas Summer LDAC Charge	Cost of Gas Rate Charge for 1st Therms	\$	0.8238	\$ 0.0291	\$	0.8529	\$ (0.0458)) \$	0.8071
	Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.8238	\$ 0.0291	\$	0.8529	\$ (0.0458)) \$	0.8071
	Cost of Gas	Cost of Gas Rate								
44	Customer Charge		\$	80.64	\$ 2.03	\$	82.67	\$ (3.23)) \$	79.44
	Winter LDAC Charge	Charge for 1st Therms	\$	0.6509	\$ 0.0130	\$	0.6639	\$ (0.0208)) \$	0.6431
	Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.4509 100	\$ 0.0130	\$	0.4639 100	\$ (0.0208)) \$	0.4431
	Cost of Gas Summer LDAC Charge	Cost of Gas Rate Charge for 1st Therms	\$	0.6509	\$ 0.0130	\$	0.6639	\$ (0.0208)) \$	0.6431
	Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.4509 20	\$ 0.0130	\$	0.4639 20	\$ (0.0208)) \$	0.4431
	Cost of Gas	Cost of Gas Rate								
45	Customer Charge Winter	Charge for 1st Therms	\$ \$	241.83 0.5925	\$ 6.09 0.0121	\$ \$	247.92 0.6046	\$ (9.64) \$ (0.0193)		
	LDAC Charge Energy Charge	Charge for Therms over 1st	\$	0.4077	\$	\$	0.4198	\$ (0.0193)		
	Block Size Cost of Gas	Cutoff for First Block Cost of Gas Rate	-	1,000			1,000	,		
	Summer LDAC Charge	Charge for 1st Therms	\$	0.5925	\$ 0.0121	\$	0.6046	\$ (0.0193)) \$	0.5853
	Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.4077 400	\$ 0.0121	\$	0.4198 400	\$ (0.0193)) \$	0.4005
	Cost of Gas	Cost of Gas Rate								
46	Customer Charge		\$	1,035.22	\$ 25.03	\$	1,060.25	\$ (40.06)) \$	1,020.19
	Winter LDAC Charge	Charge for 1st Therms	\$	0.3659	\$ 0.0078	\$	0.3737	\$ (0.0126)) \$	0.3610
	Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.3659	\$ 0.0078	\$	0.3737	\$ (0.0126)) \$	0.3610
	Cost of Gas	Cost of Gas Rate				_				
	Summer LDAC Charge	Charge for 1st Therms	\$	0.1810	\$	\$	0.1888	\$ (0.0126)		
	Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block Cost of Gas Rate	\$	0.1810	\$ 0.0078	\$	0.1888	\$ (0.0126)) \$	0.1761
55	Cost of Gas Customer Charge	Cost of Gas Rate	\$	80 70	\$ 2.08	\$	82.78	\$ (3.26)) \$	79.52
55	Winter LDAC Charge	Charge for 1st Therms	\$	0.3927	\$ 0.0080	\$	0.4007	\$ (0.0131)	/ +	
	Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.2645 100	\$ 0.0080	\$	0.2725 100	\$ (0.0131)) \$	0.2594
	Cost of Gas Summer	Cost of Gas Rate Charge for 1st Therms	\$	0.3927	\$ 0.0080	\$	0.4007	\$ (0.0131)) \$	0.3876
	LDAC Charge Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.2645 100	\$ 0.0080	\$	0.2725 100	\$ (0.0131)) \$	0.2594
	Cost of Gas	Cost of Gas Rate		.00			.50			
56	Customer Charge		\$	241.54	\$ 6.02	\$	247.56	\$ (9.49)) \$	238.06
	Winter LDAC Charge	Charge for 1st Therms	\$	0.3383	\$		0.3455			
	Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.2328 1,000	\$ 0.0072	\$	0.2400 1,000	\$ (0.0113)) \$	0.2287
	Cost of Gas Summer	Cost of Gas Rate Charge for 1st Therms	\$	0.2513	\$ 0.0072	\$	0.2585	\$ (0.0113)) \$	0.2472
	LDAC Charge Energy Charge Block Size	Charge for Therms over 1st Cutoff for First Block	\$	0.1526 1,000	\$ 0.0072	\$	0.1598 1,000	\$ (0.0113)) \$	0.1485
	Cost of Gas	Cost of Gas Rate		-			1,000			

⁽a) \$2.5M Increase for Second Step adjustment effective 8/1/2022 - until next rate case

⁽b) Proposed Rate Effective 8/1/22 including step 2 adjustment

Rate	1		8	3/1/2022 Rates	Request for Rates Effective 9/1/2022	ı	pposed Base Rates Effective 9/1/2022	I Decrease for delayed irst step full recovery effective 8/1/23	Prop	osed Rate Effective 8/1/23
					(a)		(b)	(c)		(d)
57	Customer Charge		\$	1,068.13	\$ 26.98	\$	1,095.11	\$ (42.60)	\$	1,052.51
	Winter	Charge for 1st Therms	\$	0.2365	\$ 0.0051	\$	0.2416	\$ (0.0079)	\$	0.2337
	LDAC Charge									
	Energy Charge	Charge for Therms over 1st	\$	0.2365	\$ 0.0051	\$	0.2416	\$ (0.0079)	\$	0.2337
	Block Size	Cutoff for First Block		-		\$	-			
	Cost of Gas	Cost of Gas Rate								
	Summer	Charge for 1st Therms	\$	0.1217	\$ 0.0051	\$	0.1268	\$ (0.0079)	\$	0.1189
	LDAC Charge									
	Energy Charge	Charge for Therms over 1st	\$	0.1217	\$ 0.0051	\$	0.1268	\$ (0.0079)	\$	0.1189
	Block Size	Cutoff for First Block		-		\$	-			
	Cost of Gas	Cost of Gas Rate								
58	Customer Charge		\$	1,068.14	\$ 28.03	\$	1,096.17	\$ (42.61)	\$	1,053.57
	Winter	Charge for 1st Therms	\$	0.0901	\$ 0.0019	\$	0.0920	\$ (0.0029)	\$	0.0890
	LDAC Charge									
	Energy Charge	Charge for Therms over 1st	\$	0.0901	\$ 0.0019	\$	0.0920	\$ (0.0029)	\$	0.0890
	Block Size	Cutoff for First Block		-		\$	-			
	Cost of Gas	Cost of Gas Rate								
	Summer	Charge for 1st Therms	\$	0.0516	\$ 0.0019	\$	0.0535	\$ (0.0029)	\$	0.0505
	LDAC Charge									
	Energy Charge	Charge for Therms over 1st	\$	0.0516	\$ 0.0019	\$	0.0535	\$ (0.0029)	\$	0.0505
	Block Size	Cutoff for First Block		-		\$	-			
	Cost of Gas	Cost of Gas Rate								

⁽a) \$2.5M Increase for Second Step adjustment effective 8/1/2022 - until next rate case

⁽b) Proposed Rate Effective 8/1/22 including step 2 adjustment

Liberty Utilities (EnergyNorth Natural Gas) d/b/a Liberty Bill Impact Analysis

Residential Non-Heating (R1)	c.)							Summer Seaso	,,						
PROPOSED	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter	May-23	Jun-23	Jul-23	Aug-23	Sep-22	Oct-22	Summer	Total
average Usage (Therms)	20	26	27	26	23	19	140	14	11	9	9	11	13	69	209
Winter:	4														
Cust. Chg Headblock	\$15.39 \$0.00	\$15.39 \$0.00	\$15.39 \$0.00	\$15.39 \$0.00	\$15.39 \$0.00	\$15.39 \$0.00	\$92.35 \$0.00								
Tailblock	\$10.18	\$13.29	\$14.13	\$13.53	\$11.90	\$9.70	\$72.74								
HB Threshold															
Summer:															
Cust. Chg								\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.35	\$184.71
Headblock								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Tailblock HB Threshold								\$7.51	\$5.92	\$4.81	\$4.92	\$5.48	\$6.94	\$35.58	\$108.31
TID TITLESHOLD															
Total Base Rate Amount	\$25.58	\$28.69	\$29.52	\$28.92	\$27.29	\$25.09	\$165.09	\$22.90	\$21.32	\$20.20	\$20.31	\$20.87	\$22.33	\$127.93	\$293.02
COG Rate - (Winter)	\$0.1230	\$0.1230	\$0.1230	\$0.1230	\$0.1230	\$0.1230	\$0.1230								
COG amount - Winter	\$2.41	\$3.15	\$3.35	\$3.21	\$2.82	\$2.30	\$17.24								
COG Rate - (Summer) COG amount - Summer								\$0.0000 \$0.00	\$0.0000 \$0.00	\$0.0000 \$0.00	\$0.0000 \$0.00	\$0.0000 \$0.00	\$0.0000 \$0.00	\$0.0000 \$0.00	\$0.0826 \$17.24
									*****	*	*****	*****	*****	*****	*
LDAC	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318
LDAC amount	\$2.59	\$3.38	\$3.59	\$3.44	\$3.02	\$2.46	\$18.48	\$1.91	\$1.51	\$1.22	\$1.25	\$1.39	\$1.76	\$9.04	\$27.52
Total Bill	\$30.58	\$35.22	\$36.46	\$35.56	\$33.14	\$29.86	\$200.81	\$24.81	\$22.82	\$21.42	\$21.56	\$22.27	\$24.09	\$136.97	\$337.78
Winter Season (Jan Apr., Nov Dec Residential Non-Heating (R1)	i.)							Summer Seaso	n (May - Oct.)						
CURRENT															
	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter	May-23	Jun-23	Jul-23	Aug-23	Sep-22	Oct-22	Summer	Total
average Usage (Therms)	20	26	27	26	23	19	140	14	11	9	9	11	13	69	209
Winter:															
Cust. Chg	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.35								
Headblock Tailblock	\$0.00 \$9.57	\$0.00	\$0.00	\$0.00 \$12.71	\$0.00	\$0.00	\$0.00								
Tailblock HB Threshold	\$9.57	\$12.49	\$13.27	\$12.71	\$11.18	\$9.11	\$68.32								
The Three shorts															
Summer:															
Cust. Chg								\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.35	\$184.7
Headblock Tailblock								\$0.00 \$7.05	\$0.00 \$5.56	\$0.00 \$4.51	\$0.00 \$4.62	\$0.00 \$5.15	\$0.00 \$6.52	\$0.00 \$33.42	\$0.00 \$101.7
HB Threshold								\$7.03	\$5.50	\$4.31	34.02	\$3.13	30.32	333.42	\$101.7
Total Base Rate Amount	\$24.96	\$27.88	\$28.66	\$28.10	\$26.57	\$24.50	\$160.68	\$22.45	\$20.96	\$19.91	\$20.01	\$20.54	\$21.91	\$125.77	\$286.4
COG Rate - (Winter)	\$0.1230	\$0.1230	\$0.1230	\$0.1230	\$0.1230	\$0.1230	\$0.1230								
COG amount - Winter	\$2.41	\$3.15	\$3.35	\$3.21	\$2.82	\$2.30	\$17.24								
COG Rate - (Summer) COG amount - Summer								\$0.0000 \$0.00	\$0.0000 \$0.00	\$0.0000 \$0.00	\$0.0000 \$0.00	\$0.0000 \$0.00	\$0.0000 \$0.00	\$0.0000 \$0.00	\$0.082
cod amount - summer							,	50.00	Ş0.00	Ş0.00	JU.00	JU.00	Ş0.00	\$0.00	J17.2
LDAC	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318
LDAC amount	\$2.59	\$3.38	\$3.59	\$3.44	\$3.02	\$2.46	\$18.48	\$1.91	\$1.51	\$1.22	\$1.25	\$1.39	\$1.76	\$9.04	\$27.52
Total Bill	\$29.96	\$34.41	40= 60	624.74	\$32.42		\$196.40		400.40	\$21.13	£24.20				
	325.50		\$35.60	\$34.74	332.4Z	\$29.27		\$24.35	\$22.46		\$21.26	\$21.93	\$23.67	\$134.81	\$331.21
	\$25.50		\$35.60	\$34.74	332.42	\$29.27	\$150.40	\$24.35	\$22.46		\$21.26	\$21.93	\$23.67	\$134.81	\$331.2
DIFFERENCE:															
Total Bill	\$0.62 2.06%	\$0.81 2.34%	\$0.86 2.41%	\$0.82 2.36%	\$0.72 2.23%	\$0.59 2.01%	\$4.41 2.25%	\$24.35 \$0.46 1.87%	\$0.36 1.60%	\$0.29 1.38%	\$0.30 1.40%	\$21.93 \$0.33 1.52%	\$23.67 \$0.42 1.78%	\$134.81 \$2.16 1.60%	\$6.57
Total Bill % Change	\$0.62 2.06%	\$0.81 2.34%	\$0.86 2.41%	\$0.82 2.36%	\$0.72 2.23%	\$0.59 2.01%	\$4.41 2.25%	\$0.46 1.87%	\$0.36 1.60%	\$0.29 1.38%	\$0.30 1.40%	\$0.33 1.52%	\$0.42 1.78%	\$2.16 1.60%	\$6.57 1.98%
Total Bill % Change Base Rate	\$0.62 2.06% \$0.62	\$0.81 2.34% \$0.81	\$0.86 2.41% \$0.86	\$0.82 2.36% \$0.82	\$0.72 2.23% \$0.72	\$0.59 2.01% \$0.59	\$4.41 2.25% \$4.41	\$0.46 1.87% \$0.46	\$0.36 1.60% \$0.36	\$0.29 1.38% \$0.29	\$0.30 1.40% \$0.30	\$0.33 1.52% \$0.33	\$0.42 1.78% \$0.42	\$2.16 1.60% \$2.16	\$6.57 1.98% \$6.57
Total Bill % Change	\$0.62 2.06%	\$0.81 2.34%	\$0.86 2.41%	\$0.82 2.36%	\$0.72 2.23%	\$0.59 2.01%	\$4.41 2.25%	\$0.46 1.87%	\$0.36 1.60%	\$0.29 1.38%	\$0.30 1.40%	\$0.33 1.52%	\$0.42 1.78%	\$2.16 1.60%	\$6.57 1.98% \$6.57
Total Bill % Change Base Rate	\$0.62 2.06% \$0.62	\$0.81 2.34% \$0.81	\$0.86 2.41% \$0.86	\$0.82 2.36% \$0.82	\$0.72 2.23% \$0.72	\$0.59 2.01% \$0.59	\$4.41 2.25% \$4.41	\$0.46 1.87% \$0.46	\$0.36 1.60% \$0.36	\$0.29 1.38% \$0.29	\$0.30 1.40% \$0.30	\$0.33 1.52% \$0.33	\$0.42 1.78% \$0.42	\$2.16 1.60% \$2.16	\$6.57 1.98% \$6.57
Total Bill % Change Base Rate % Change	\$0.62 2.06% \$0.62 2.47%	\$0.81 2.34% \$0.81 2.89%	\$0.86 2.41% \$0.86 2.99%	\$0.82 2.36% \$0.82 2.92%	\$0.72 2.23% \$0.72 2.72%	\$0.59 2.01% \$0.59 2.40%	\$4.41 2.25% \$4.41 2.75%	\$0.46 1.87% \$0.46 2.03%	\$0.36 1.60% \$0.36 1.71%	\$0.29 1.38% \$0.29 1.46%	\$0.30 1.40% \$0.30 1.49%	\$0.33 1.52% \$0.33 1.62%	\$0.42 1.78% \$0.42 1.92%	\$2.16 1.60% \$2.16 1.72%	\$6.57 1.98% \$6.57 2.29% \$0.00
Total Bill % Change Base Rate % Change COG & LDAC % Change	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00%	\$0.81 2.34% \$0.81 2.89% \$0.00	\$0.86 2.41% \$0.86 2.99% \$0.00	\$0.82 2.36% \$0.82 2.92% \$0.00	\$0.72 2.23% \$0.72 2.72% \$0.00	\$0.59 2.01% \$0.59 2.40% \$0.00	\$4.41 2.25% \$4.41 2.75% \$0.00	\$0.46 1.87% \$0.46 2.03% \$0.00 0.00%	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00%	\$0.29 1.38% \$0.29 1.46% \$0.00	\$0.30 1.40% \$0.30 1.49% \$0.00	\$0.33 1.52% \$0.33 1.62% \$0.00	\$0.42 1.78% \$0.42 1.92% \$0.00	\$2.16 1.60% \$2.16 1.72% \$0.00	\$6.57 1.98% \$6.57 2.29%
Total Bill % Change Base Rate % Change COG & LDAC % Change Winter Season (Jan Apr., Nov Dec Residential Heating (R3)	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00%	\$0.81 2.34% \$0.81 2.89% \$0.00	\$0.86 2.41% \$0.86 2.99% \$0.00	\$0.82 2.36% \$0.82 2.92% \$0.00	\$0.72 2.23% \$0.72 2.72% \$0.00	\$0.59 2.01% \$0.59 2.40% \$0.00	\$4.41 2.25% \$4.41 2.75% \$0.00	\$0.46 1.87% \$0.46 2.03% \$0.00	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00%	\$0.29 1.38% \$0.29 1.46% \$0.00	\$0.30 1.40% \$0.30 1.49% \$0.00	\$0.33 1.52% \$0.33 1.62% \$0.00	\$0.42 1.78% \$0.42 1.92% \$0.00	\$2.16 1.60% \$2.16 1.72% \$0.00	\$6.57 1.98% \$6.57 2.29% \$0.00
Total Bill % Change Base Rate % Change COG & LDAC % Change Winter Season (Jan Apr., Nov Dec	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00%	\$0.81 2.34% \$0.81 2.89% \$0.00 0.00%	\$0.86 2.41% \$0.86 2.99% \$0.00 0.00%	\$0.82 2.36% \$0.82 2.92% \$0.00 0.00%	\$0.72 2.23% \$0.72 2.72% \$0.00 0.00%	\$0.59 2.01% \$0.59 2.40% \$0.00 0.00%	\$4.41 2.25% \$4.41 2.75% \$0.00 0.00%	\$0.46 1.87% \$0.46 2.03% \$0.00 0.00% Summer Seaso	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00% n (May - Oct.)	\$0.29 1.38% \$0.29 1.46% \$0.00 0.00%	\$0.30 1.40% \$0.30 1.49% \$0.00 0.00%	\$0.33 1.52% \$0.33 1.62% \$0.00 0.00%	\$0.42 1.78% \$0.42 1.92% \$0.00 0.00%	\$2.16 1.60% \$2.16 1.72% \$0.00 0.00%	\$6.57 1.98% \$6.57 2.29% \$0.00 0.00%
Total Bill % Change Base Rate % Change COG & LDAC % Change Winter Season (Jan Apr., Nov Dec Residential Heating (R3)	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00%	\$0.81 2.34% \$0.81 2.89% \$0.00 0.00%	\$0.86 2.41% \$0.86 2.99% \$0.00 0.00%	\$0.82 2.36% \$0.82 2.92% \$0.00 0.00%	\$0.72 2.23% \$0.72 2.72% \$0.00 0.00%	\$0.59 2.01% \$0.59 2.40% \$0.00 0.00%	\$4.41 2.25% \$4.41 2.75% \$0.00 0.00%	\$0.46 1.87% \$0.46 2.03% \$0.00 0.00% Summer Seaso	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00% n (May - Oct.)	\$0.29 1.38% \$0.29 1.46% \$0.00 0.00%	\$0.30 1.40% \$0.30 1.49% \$0.00 0.00%	\$0.33 1.52% \$0.33 1.62% \$0.00 0.00%	\$0.42 1.78% \$0.42 1.92% \$0.00 0.00%	\$2.16 1.60% \$2.16 1.72% \$0.00 0.00%	\$6.57 1.98% \$6.57 2.29% \$0.00 0.00%
Total Bill % Change Base Rate % Change COG & LDAC % Change Winter Season (Jan Apr., Nov Dec Residential Heating (R3)	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00%	\$0.81 2.34% \$0.81 2.89% \$0.00 0.00%	\$0.86 2.41% \$0.86 2.99% \$0.00 0.00%	\$0.82 2.36% \$0.82 2.92% \$0.00 0.00%	\$0.72 2.23% \$0.72 2.72% \$0.00 0.00%	\$0.59 2.01% \$0.59 2.40% \$0.00 0.00%	\$4.41 2.25% \$4.41 2.75% \$0.00 0.00%	\$0.46 1.87% \$0.46 2.03% \$0.00 0.00% Summer Seaso	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00% n (May - Oct.)	\$0.29 1.38% \$0.29 1.46% \$0.00 0.00%	\$0.30 1.40% \$0.30 1.49% \$0.00 0.00%	\$0.33 1.52% \$0.33 1.62% \$0.00 0.00%	\$0.42 1.78% \$0.42 1.92% \$0.00 0.00%	\$2.16 1.60% \$2.16 1.72% \$0.00 0.00%	\$6.57 1.98% \$6.57 2.29% \$0.00 0.00%
Total Bill % Change Base Rate % Change COG & LDAC % Change Winter Season (Jan Apr., Nov Dec Residential Heating (R3) PROPOSED average Usage (Therms) Winter:	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00% c.)	\$0.81 2.34% \$0.81 2.89% \$0.00 0.00% Dec-22	\$0.86 2.41% \$0.86 2.99% \$0.00 0.00% Jan-23	\$0.82 2.36% \$0.82 2.92% \$0.00 0.00%	\$0.72 2.23% \$0.72 2.72% \$0.00 0.00% Mar-23	\$0.59 2.01% \$0.59 2.40% \$0.00 0.00%	\$4.41 2.25% \$4.41 2.75% \$0.00 0.00% Winter 657	\$0.46 1.87% \$0.46 2.03% \$0.00 0.00% Summer Seaso	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00% n (May - Oct.)	\$0.29 1.38% \$0.29 1.46% \$0.00 0.00%	\$0.30 1.40% \$0.30 1.49% \$0.00 0.00%	\$0.33 1.52% \$0.33 1.62% \$0.00 0.00%	\$0.42 1.78% \$0.42 1.92% \$0.00 0.00%	\$2.16 1.60% \$2.16 1.72% \$0.00 0.00%	\$6.57 1.98% \$6.57 2.29% \$0.00 0.00%
Total Bill % Change Base Rate % Change COG & LDAC % Change Winter Season (Jan Apr., Nov Dec Residential Heating (R3) PROPOSED average Usage (Therms) Winter: Cust. Chg	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00% C.)	\$0.81 2.34% \$0.81 2.89% \$0.00 0.00% Dec-22 122 \$15.39	\$0.86 2.41% \$0.86 2.99% \$0.00 0.00% Jan-23 145 \$15.39	\$0.82 2.36% \$0.82 2.92% \$0.00 0.00% Feb-23 139	\$0.72 2.23% \$0.72 2.72% \$0.00 0.00% Mar-23 105 \$15.39	\$0.59 2.01% \$0.59 2.40% \$0.00 0.00% Apr-23 62	\$4.41 2.25% \$4.41 2.75% \$0.00 0.00% Winter 657 \$92.35	\$0.46 1.87% \$0.46 2.03% \$0.00 0.00% Summer Seaso	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00% n (May - Oct.)	\$0.29 1.38% \$0.29 1.46% \$0.00 0.00%	\$0.30 1.40% \$0.30 1.49% \$0.00 0.00%	\$0.33 1.52% \$0.33 1.62% \$0.00 0.00%	\$0.42 1.78% \$0.42 1.92% \$0.00 0.00%	\$2.16 1.60% \$2.16 1.72% \$0.00 0.00%	\$6.57 1.98% \$6.57 2.29% \$0.00 0.00%
Total Bill % Change Base Rate % Change COG & LDAC % Change Winter Season (Jan Apr., Nov Dec Residential Heating (R3) PROPOSED average Usage (Therms) Winter: Cust. Chg Headblock	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00% c.)	\$0.81 2.34% \$0.81 2.89% \$0.00 0.00% Dec-22 122 \$15.39 \$0.00	\$0.86 2.41% \$0.86 2.99% \$0.00 0.00% Jan-23 145 \$15.39 \$0.00	\$0.82 2.36% \$0.82 2.92% \$0.00 0.00% Feb-23 139 \$15.39 \$0.00	\$0.72 2.23% \$0.72 2.72% \$0.00 0.00% Mar-23 105 \$15.39 \$0.00	\$0.59 2.01% \$0.59 2.40% \$0.00 0.00% Apr-23 62 \$15.39 \$0.00	\$4.41 2.25% \$4.41 2.75% \$0.00 0.00% Winter 657 \$92.35 \$0.00	\$0.46 1.87% \$0.46 2.03% \$0.00 0.00% Summer Seaso	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00% n (May - Oct.)	\$0.29 1.38% \$0.29 1.46% \$0.00 0.00%	\$0.30 1.40% \$0.30 1.49% \$0.00 0.00%	\$0.33 1.52% \$0.33 1.62% \$0.00 0.00%	\$0.42 1.78% \$0.42 1.92% \$0.00 0.00%	\$2.16 1.60% \$2.16 1.72% \$0.00 0.00%	\$6.57 1.98% \$6.57 2.29% \$0.00 0.00%
Total Bill % Change Base Rate % Change COG & LDAC % Change Winter Season (Jan Apr., Nov Dec Residential Heating (R3) PROPOSED average Usage (Therms) Winter: Cust. Chg Headblock Tailblock	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00% C.)	\$0.81 2.34% \$0.81 2.89% \$0.00 0.00% Dec-22 122 \$15.39	\$0.86 2.41% \$0.86 2.99% \$0.00 0.00% Jan-23 145 \$15.39	\$0.82 2.36% \$0.82 2.92% \$0.00 0.00% Feb-23 139	\$0.72 2.23% \$0.72 2.72% \$0.00 0.00% Mar-23 105 \$15.39	\$0.59 2.01% \$0.59 2.40% \$0.00 0.00% Apr-23 62	\$4.41 2.25% \$4.41 2.75% \$0.00 0.00% Winter 657 \$92.35	\$0.46 1.87% \$0.46 2.03% \$0.00 0.00% Summer Seaso	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00% n (May - Oct.)	\$0.29 1.38% \$0.29 1.46% \$0.00 0.00%	\$0.30 1.40% \$0.30 1.49% \$0.00 0.00%	\$0.33 1.52% \$0.33 1.62% \$0.00 0.00%	\$0.42 1.78% \$0.42 1.92% \$0.00 0.00%	\$2.16 1.60% \$2.16 1.72% \$0.00 0.00%	\$6.57 1.98% \$6.57 2.29% \$0.00 0.00%
Total Bill % Change Base Rate % Change COG & LDAC % Change Winter Season (Jan Apr., Nov Dec Residential Heating (R3) PROPOSED average Usage (Therms) Winter: Cust. Chg Headblock Tailblock HB Threshold	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00% c.)	\$0.81 2.34% \$0.81 2.89% \$0.00 0.00% Dec-22 122 \$15.39 \$0.00	\$0.86 2.41% \$0.86 2.99% \$0.00 0.00% Jan-23 145 \$15.39 \$0.00	\$0.82 2.36% \$0.82 2.92% \$0.00 0.00% Feb-23 139 \$15.39 \$0.00	\$0.72 2.23% \$0.72 2.72% \$0.00 0.00% Mar-23 105 \$15.39 \$0.00	\$0.59 2.01% \$0.59 2.40% \$0.00 0.00% Apr-23 62 \$15.39 \$0.00	\$4.41 2.25% \$4.41 2.75% \$0.00 0.00% Winter 657 \$92.35 \$0.00	\$0.46 1.87% \$0.46 2.03% \$0.00 0.00% Summer Seaso	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00% n (May - Oct.)	\$0.29 1.38% \$0.29 1.46% \$0.00 0.00%	\$0.30 1.40% \$0.30 1.49% \$0.00 0.00%	\$0.33 1.52% \$0.33 1.62% \$0.00 0.00%	\$0.42 1.78% \$0.42 1.92% \$0.00 0.00%	\$2.16 1.60% \$2.16 1.72% \$0.00 0.00%	\$6.57 1.98% \$6.57 2.29% \$0.00 0.00%
Total Bill % Change Base Rate % Change COG & LDAC % Change Winter Season (Jan Apr., Nov Dec Residential Heating (R3) PROPOSED average Usage (Therms) Winter: Cust. Chg Headblock Tailblock HB Threshold Summer:	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00% c.)	\$0.81 2.34% \$0.81 2.89% \$0.00 0.00% Dec-22 122 \$15.39 \$0.00	\$0.86 2.41% \$0.86 2.99% \$0.00 0.00% Jan-23 145 \$15.39 \$0.00	\$0.82 2.36% \$0.82 2.92% \$0.00 0.00% Feb-23 139 \$15.39 \$0.00	\$0.72 2.23% \$0.72 2.72% \$0.00 0.00% Mar-23 105 \$15.39 \$0.00	\$0.59 2.01% \$0.59 2.40% \$0.00 0.00% Apr-23 62 \$15.39 \$0.00	\$4.41 2.25% \$4.41 2.75% \$0.00 0.00% Winter 657 \$92.35 \$0.00	\$0.46 1.87% \$0.46 2.03% \$0.00 0.00% Summer Seaso May-23 33	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00% In (May - Oct.)	\$0.29 1.38% \$0.29 1.46% \$0.00 0.00%	\$0.30 1.40% \$0.30 1.49% \$0.00 0.00% Aug-23	\$0.33 1.52% \$0.33 1.62% \$0.00 0.00%	\$0.42 1.78% \$0.42 1.92% \$0.00 0.00%	\$2.16 1.60% \$2.16 1.72% \$0.00 0.00% \$ Summer 134	\$6.57 1.98% \$6.57 2.29% \$0.00 0.00% Total
Total Bill % Change Base Rate % Change COG & LDAC % Change Winter Season (Jan Apr., Nov Dec Residential Heating (R3) PROPOSED average Usage (Therms) Winter: Cust. Chg Headblock Tailblock HB Threshold Summer: Cust. Chg	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00% c.)	\$0.81 2.34% \$0.81 2.89% \$0.00 0.00% Dec-22 122 \$15.39 \$0.00	\$0.86 2.41% \$0.86 2.99% \$0.00 0.00% Jan-23 145 \$15.39 \$0.00	\$0.82 2.36% \$0.82 2.92% \$0.00 0.00% Feb-23 139 \$15.39 \$0.00	\$0.72 2.23% \$0.72 2.72% \$0.00 0.00% Mar-23 105 \$15.39 \$0.00	\$0.59 2.01% \$0.59 2.40% \$0.00 0.00% Apr-23 62 \$15.39 \$0.00	\$4.41 2.25% \$4.41 2.75% \$0.00 0.00% Winter 657 \$92.35 \$0.00	\$0.46 1.87% \$0.46 2.03% \$0.00 0.00% Summer Seaso May-23 33	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00% In (May - Oct.) Jun-23 18	\$0.29 1.38% \$0.29 1.46% \$0.00 0.00%	\$0.30 1.40% \$0.30 1.49% \$0.00 0.00% Aug-23 14	\$0.33 1.52% \$0.33 1.62% \$0.00 0.00% \$ep-22 18	\$0.42 1.78% \$0.42 1.92% \$0.00 0.00% Oct-22 38	\$2.16 1.60% \$2.16 1.72% \$0.00 0.00% Summer 134	\$6.57 1.98% \$6.57 2.29% \$0.00 0.00% Total 791
Total Bill % Change Base Rate % Change COG & LDAC % Change Winter Season (Jan Apr., Nov Dec Residential Heating (R3) PROPOSED average Usage (Therms) Winter: Cust. Chg Headblock Tailblock Summer: Cust. Chg Headblock Tailblock Summer: Cust. Chg Headblock Tailblock	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00% c.)	\$0.81 2.34% \$0.81 2.89% \$0.00 0.00% Dec-22 122 \$15.39 \$0.00	\$0.86 2.41% \$0.86 2.99% \$0.00 0.00% Jan-23 145 \$15.39 \$0.00	\$0.82 2.36% \$0.82 2.92% \$0.00 0.00% Feb-23 139 \$15.39 \$0.00	\$0.72 2.23% \$0.72 2.72% \$0.00 0.00% Mar-23 105 \$15.39 \$0.00	\$0.59 2.01% \$0.59 2.40% \$0.00 0.00% Apr-23 62 \$15.39 \$0.00	\$4.41 2.25% \$4.41 2.75% \$0.00 0.00% Winter 657 \$92.35 \$0.00	\$0.46 1.87% \$0.46 2.03% \$0.00 0.00% Summer Seaso May-23 33	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00% In (May - Oct.)	\$0.29 1.38% \$0.29 1.46% \$0.00 0.00%	\$0.30 1.40% \$0.30 1.49% \$0.00 0.00% Aug-23	\$0.33 1.52% \$0.33 1.62% \$0.00 0.00%	\$0.42 1.78% \$0.42 1.92% \$0.00 0.00%	\$2.16 1.60% \$2.16 1.72% \$0.00 0.00% \$ Summer 134	\$6.57 1.98% \$6.57 2.29% \$0.00 0.00%
Total Bill % Change Base Rate % Change COG & LDAC % Change Winter Season (Jan Apr., Nov Dec Residential Heating (R3) PROPOSED average Usage (Therms) Winter: Cust. Chg Headblock Taliblock HB Threshold Summer: Cust. Chg Headblock Cust. Chg Headblock	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00% c.)	\$0.81 2.34% \$0.81 2.89% \$0.00 0.00% Dec-22 122 \$15.39 \$0.00	\$0.86 2.41% \$0.86 2.99% \$0.00 0.00% Jan-23 145 \$15.39 \$0.00	\$0.82 2.36% \$0.82 2.92% \$0.00 0.00% Feb-23 139 \$15.39 \$0.00	\$0.72 2.23% \$0.72 2.72% \$0.00 0.00% Mar-23 105 \$15.39 \$0.00	\$0.59 2.01% \$0.59 2.40% \$0.00 0.00% Apr-23 62 \$15.39 \$0.00	\$4.41 2.25% \$4.41 2.75% \$0.00 0.00% Winter 657 \$92.35 \$0.00	\$0.46 1.87% \$0.46 2.03% \$0.00 0.00% Summer Seaso May-23 33	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00% n (May - Oct.) Jun-23 18	\$0.29 1.38% \$0.29 1.46% \$0.00 0.00%	\$0.30 1.40% \$0.30 1.49% \$0.00 0.00% Aug-23 14	\$0.33 1.52% \$0.33 1.62% \$0.00 0.00% \$\$ sep-22 18	\$0.42 1.78% \$0.42 1.92% \$0.00 0.00% Oct-22 38	\$2.16 1.60% \$2.16 1.72% \$0.00 0.00% \$ummer 134	\$6.57 1.98% \$6.57 2.29% \$0.00 0.00% Total 791
Total Bill % Change Base Rate % Change COG & LDAC % Change Winter Season (Jan Apr., Nov Dec Residential Heating (R3) PROPOSED average Usage (Therms) Winter: Cust. Chg Headblock Tailblock HB Threshold Summer: Cust. Chg Headblock Tailblock HB Threshold	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00% C.) Nov-22 83 \$15.39 \$0.00 \$54.63	\$0.81 2.34% \$0.81 2.89% \$0.00 0.00% \$2.89% \$0.00 \$2.89% \$0.00 \$2.89% \$2.	\$0.86 2.41% \$0.86 2.99% \$0.00 0.00% Jan-23 145 \$15.39 \$0.00 \$95.38	\$0.82 2.36% \$0.82 2.92% \$0.00 0.00% Feb-23 139 \$15.39 \$0.00 \$90.88	\$0.72 2.23% \$0.72 2.72% \$0.00 0.00% Mar-23 105 \$15.39 \$0.00 \$69.16	\$0.59 2.01% \$0.59 2.40% \$0.00 0.00% Apr-23 62 \$15.39 \$0.00 \$40.97	\$4.41 2.25% \$4.41 2.75% \$0.00 0.00% Winter 657 \$92.35 \$0.00 \$431.01	\$0.46 1.87% \$0.46 2.03% \$0.00 0.00% Summer Seaso May-23 33	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00% In (May - Oct.) Jun-23 18	\$0.29 1.38% \$0.29 1.46% \$0.00 0.00% Jul-23 13	\$0.30 1.40% \$0.30 1.49% \$0.00 0.00% Aug-23 14	\$0.33 1.52% \$0.33 1.62% \$0.00 0.00% \$ep-22 18	\$0.42 1.78% \$0.42 1.92% \$0.00 0.00% Oct-22 38 \$15.68 \$0.00 \$25.22	\$2.16 1.60% \$2.16 1.72% \$0.00 0.00% \$ummer 134 \$94.09 \$0.00 \$87.96	\$6.57 1.98% \$6.57 2.29% \$0.00 0.00% Total 791 \$186.4 \$0.00 \$518.9
Total Bill % Change Base Rate % Change COG & LDAC % Change Winter Season (Jan Apr., Nov Dec Residential Heating (R3) PROPOSED average Usage (Therms) Winter: Cust. Chg Headblock Tailblock Summer: Cust. Chg Headblock Tailblock Summer: Cust. Chg Headblock Tailblock	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00% c.)	\$0.81 2.34% \$0.81 2.89% \$0.00 0.00% Dec-22 122 \$15.39 \$0.00	\$0.86 2.41% \$0.86 2.99% \$0.00 0.00% Jan-23 145 \$15.39 \$0.00	\$0.82 2.36% \$0.82 2.92% \$0.00 0.00% Feb-23 139 \$15.39 \$0.00	\$0.72 2.23% \$0.72 2.72% \$0.00 0.00% Mar-23 105 \$15.39 \$0.00	\$0.59 2.01% \$0.59 2.40% \$0.00 0.00% Apr-23 62 \$15.39 \$0.00	\$4.41 2.25% \$4.41 2.75% \$0.00 0.00% Winter 657 \$92.35 \$0.00	\$0.46 1.87% \$0.46 2.03% \$0.00 0.00% Summer Seaso May-23 33	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00% n (May - Oct.) Jun-23 18	\$0.29 1.38% \$0.29 1.46% \$0.00 0.00%	\$0.30 1.40% \$0.30 1.49% \$0.00 0.00% Aug-23 14	\$0.33 1.52% \$0.33 1.62% \$0.00 0.00% \$	\$0.42 1.78% \$0.42 1.92% \$0.00 0.00% Oct-22 38	\$2.16 1.60% \$2.16 1.72% \$0.00 0.00% \$ummer 134	\$6.57 1.989 \$6.57 2.299 \$0.00 0.009 Total 791 \$186.4 \$0.00 \$518.9
Total Bill % Change Base Rate % Change COG & LDAC % Change Winter Season (Jan Apr., Nov Dec Residential Heating (R3) PROPOSED average Usage (Therms) Winter: Cust. Chg Headblock Taliblock HB Threshold Summer: Cust. Chg Headblock Taliblock HB Threshold Total Base Rate Amount COG Rate - (Winter)	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00% C.) Nov-22 83 \$15.39 \$0.00 \$54.63	\$0.81 2.34% \$0.81 2.89% \$0.00 0.00% \$2.89% \$0.00 \$2.89% \$0.00 \$2.89% \$2.	\$0.86 2.41% \$0.86 2.99% \$0.00 0.00% Jan-23 145 \$15.39 \$0.00 \$95.38	\$0.82 2.36% \$0.82 2.92% \$0.00 0.00% Feb-23 139 \$15.39 \$0.00 \$90.88	\$0.72 2.23% \$0.72 2.72% \$0.00 0.00% Mar-23 105 \$15.39 \$0.00 \$69.16	\$0.59 2.01% \$0.59 2.40% \$0.00 0.00% Apr-23 62 \$15.39 \$0.00 \$40.97	\$4.41 2.25% \$4.41 2.75% \$0.00 0.00% Winter 657 \$92.35 \$0.00 \$431.01	\$0.46 1.87% \$0.46 2.03% \$0.00 0.00% Summer Seaso May-23 33	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00% In (May - Oct.) Jun-23 18	\$0.29 1.38% \$0.29 1.46% \$0.00 0.00% Jul-23 13	\$0.30 1.40% \$0.30 1.49% \$0.00 0.00% Aug-23 14	\$0.33 1.52% \$0.33 1.62% \$0.00 0.00% \$ep-22 18	\$0.42 1.78% \$0.42 1.92% \$0.00 0.00% Oct-22 38 \$15.68 \$0.00 \$25.22	\$2.16 1.60% \$2.16 1.72% \$0.00 0.00% \$ummer 134 \$94.09 \$0.00 \$87.96	\$6.57 1.989 \$6.57 2.299 \$0.00 0.009 Total 791 \$186.4 \$0.00 \$518.9
Total Bill % Change Base Rate % Change COG & LDAC % Change Winter Season (Jan Apr., Nov Dec Residential Heating (R3) PROPOSED average Usage (Therms) Winter: Cust. Chg Headblock Tailblock HB Threshold Summer: Cust. Chg Headblock Tailblock HB Threshold	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00% c.) Nov-22 83 \$15.39 \$0.00 \$54.63	\$0.81 2.34% \$0.81 2.89% \$0.00 0.00% \$122 \$15.39 \$0.00 \$79.99	\$0.86 2.41% \$0.86 2.99% \$0.00 0.00% Jan-23 145 \$15.39 \$0.00 \$95.38	\$0.82 2.36% \$0.82 2.92% \$0.00 0.00% Feb-23 139 \$15.39 \$0.00 \$90.88	\$0.72 2.23% \$0.72 2.72% \$0.00 0.00% \$15.39 \$0.00 \$69.16	\$0.59 2.01% \$0.59 2.40% \$0.00 0.00% Apr-23 62 \$15.39 \$0.00 \$40.97	\$4.41 2.25% \$4.41 2.75% \$0.00 0.00% Winter 657 \$92.35 \$0.00 \$431.01	\$0.46 1.87% \$0.46 2.03% \$0.00 0.00% Summer Seaso May-23 33	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00% In (May - Oct.) Jun-23 18	\$0.29 1.38% \$0.29 1.46% \$0.00 0.00% Jul-23 13	\$0.30 1.40% \$0.30 1.49% \$0.00 0.00% Aug-23 14	\$0.33 1.52% \$0.33 1.62% \$0.00 0.00% \$ep-22 18	\$0.42 1.78% \$0.42 1.92% \$0.00 0.00% Oct-22 38 \$15.68 \$0.00 \$25.22	\$2.16 1.60% \$2.16 1.72% \$0.00 0.00% \$ummer 134 \$94.09 \$0.00 \$87.96	\$6.57 1.989 \$6.57 2.299 \$0.00 0.009 Total 791 \$186.4 \$0.00 \$518.9
Total Bill % Change Base Rate % Change COG & LDAC % Change Winter Season (Jan Apr., Nov Dec Residential Heating (R3) PROPOSED average Usage (Therms) Winter: Cust. Chg Headblock Tailblock HB Threshold Summer: Cust. Chg Headblock Tailblock HB Threshold Total Base Rate Amount COG Rate - (Winter) COG amount - Winter	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00% c.) Nov-22 83 \$15.39 \$0.00 \$54.63	\$0.81 2.34% \$0.81 2.89% \$0.00 0.00% \$15.39 \$0.00 \$79.99	\$0.86 2.41% \$0.86 2.99% \$0.00 0.00% Jan-23 145 \$15.39 \$0.00 \$95.38	\$0.82 2.36% \$0.82 2.92% \$0.00 0.00% Feb-23 139 \$15.39 \$0.00 \$90.88	\$0.72 2.23% \$0.72 2.72% \$0.00 0.00% Mar-23 105 \$15.39 \$0.00 \$69.16	\$0.59 2.01% \$0.59 2.40% \$0.00 0.00% Apr-23 62 \$15.39 \$0.00 \$40.97	\$4.41 2.25% \$4.41 2.75% \$0.00 0.00% Winter 657 \$92.35 \$0.00 \$431.01	\$0.46 1.87% \$0.46 2.03% \$0.00 0.00% Summer Seaso May-23 33 \$515.68 \$0.00 \$21.71 \$37.39	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00% In (May - Oct.) Jun-23 18 \$15.68 \$0.00 \$11.71	\$0.29 1.38% \$0.29 1.46% \$0.00 0.00% Jul-23 13 \$15.68 \$0.00 \$8.78	\$0.30 1.40% \$0.30 1.49% \$0.00 0.00% Aug-23 14 \$15.68 \$0.00 \$8.94	\$0.33 1.52% \$0.33 1.62% \$0.00 0.00% \$0.00 \$1.62 \$0.00 \$11.60 \$27.28	\$0.42 1.78% \$0.42 1.92% \$0.00 0.00% Oct-22 38 \$15.68 \$0.00 \$25.22	\$2.16 1.60% \$2.16 1.72% \$0.00 0.00% \$0.00 \$3.00	\$6.57 1.989 \$6.57 2.299 \$0.00 0.009 Total 791 \$186.65 \$0.00 \$518.5
Total Bill % Change Base Rate % Change COG & LDAC % Change Winter Season (Jan Apr., Nov Dec Residential Heating (R3) PROPOSED average Usage (Therms) Winter: Cust. Chg Headblock Tailblock HB Threshold Summer: Cust. Chg Headblock Tailblock HB Threshold Total Base Rate Amount COG Rate - (Winter) COG Gamount - Winter COG Rate - (Summer)	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00% c.) Nov-22 83 \$15.39 \$0.00 \$54.63	\$0.81 2.34% \$0.81 2.89% \$0.00 0.00% \$15.39 \$0.00 \$79.99	\$0.86 2.41% \$0.86 2.99% \$0.00 0.00% Jan-23 145 \$15.39 \$0.00 \$95.38	\$0.82 2.36% \$0.82 2.92% \$0.00 0.00% Feb-23 139 \$15.39 \$0.00 \$90.88	\$0.72 2.23% \$0.72 2.72% \$0.00 0.00% Mar-23 105 \$15.39 \$0.00 \$69.16	\$0.59 2.01% \$0.59 2.40% \$0.00 0.00% Apr-23 62 \$15.39 \$0.00 \$40.97	\$4.41 2.25% \$4.41 2.75% \$0.00 0.00% Winter 657 \$92.35 \$0.00 \$431.01	\$0.46 1.87% \$0.46 2.03% \$0.00 0.00% Summer Seaso May-23 33 \$15.68 \$0.00 \$21.71 \$37.39	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00% In (May - Oct.) Jun-23 18 \$15.68 \$0.00 \$11.71 \$27.40	\$0.29 1.38% \$0.29 1.46% \$0.00 0.00% Jul-23 13 \$15.68 \$0.00 \$8.78 \$24.46	\$0.30 1.40% \$0.30 1.49% \$0.00 0.00% Aug-23 14 \$15.68 \$0.00 \$8.94 \$24.62	\$0.33 1.52% \$0.33 1.62% \$0.00 0.00% \$ep-22 18 \$15.68 \$0.00 \$11.60 \$27.28	\$0.42 1.78% \$0.42 1.92% \$0.00 0.00% Oct-22 38 \$15.68 \$0.00 \$25.22 \$40.90	\$2.16 1.60% \$2.16 1.72% \$0.00 0.00% \$1.24 \$94.09 \$0.00 \$87.96 \$182.05	\$6.57 1.989 \$6.57 2.299 \$0.000 0.009 Total 791 \$186.4 \$0.00 \$518.5 \$705.4
Total Bill % Change Base Rate % Change COG & LDAC % Change Winter Season (Jan Apr., Nov Dec Residential Heating (R3) PROPOSED average Usage (Therms) Winter: Cust. Chg Headblock Tailblock HB Threshold Summer: Cust. Chg Headblock Tailblock HB Threshold Total Base Rate Amount COG Rate - (Winter) COG amount - Winter	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00% c.) Nov-22 83 \$15.39 \$0.00 \$54.63	\$0.81 2.34% \$0.81 2.89% \$0.00 0.00% \$15.39 \$0.00 \$79.99	\$0.86 2.41% \$0.86 2.99% \$0.00 0.00% Jan-23 145 \$15.39 \$0.00 \$95.38	\$0.82 2.36% \$0.82 2.92% \$0.00 0.00% Feb-23 139 \$15.39 \$0.00 \$90.88	\$0.72 2.23% \$0.72 2.72% \$0.00 0.00% Mar-23 105 \$15.39 \$0.00 \$69.16	\$0.59 2.01% \$0.59 2.40% \$0.00 0.00% Apr-23 62 \$15.39 \$0.00 \$40.97	\$4.41 2.25% \$4.41 2.75% \$0.00 0.00% Winter 657 \$92.35 \$0.00 \$431.01	\$0.46 1.87% \$0.46 2.03% \$0.00 0.00% Summer Seaso May-23 33 \$515.68 \$0.00 \$21.71 \$37.39	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00% In (May - Oct.) Jun-23 18 \$15.68 \$0.00 \$11.71	\$0.29 1.38% \$0.29 1.46% \$0.00 0.00% Jul-23 13 \$15.68 \$0.00 \$8.78	\$0.30 1.40% \$0.30 1.49% \$0.00 0.00% Aug-23 14 \$15.68 \$0.00 \$8.94	\$0.33 1.52% \$0.33 1.62% \$0.00 0.00% \$0.00 \$1.62 \$0.00 \$11.60 \$27.28	\$0.42 1.78% \$0.42 1.92% \$0.00 0.00% Oct-22 38 \$15.68 \$0.00 \$25.22	\$2.16 1.60% \$2.16 1.72% \$0.00 0.00% \$0.00 \$3.00	\$6.57 1.989 \$6.57 2.299 \$0.000 0.009 Total 791 \$186.4 \$0.00 \$518.5 \$705.4
Total Bill % Change Base Rate % Change COG & LDAC % Change Winter Season (Jan Apr., Nov Dec Residential Heating (R3) PROPOSED average Usage (Therms) Winter: Cust. Chg Headblock Taliblock HB Threshold Summer: Cust. Chg Headblock Taliblock HB Threshold Total Base Rate Amount COG Rate - (Winter) COG amount - Winter COG Gamount - Summer COG Gamount - Summer	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00% c.) Nov-22 83 \$15.39 \$0.00 \$54.63 \$70.02 \$1.2295 \$102.38	\$0.81 2.34% \$0.81 2.89% \$0.00 0.00% \$122 \$15.39 \$0.00 \$79.99 \$95.38 \$1.2295 \$149.90	\$0.86 2.41% \$0.86 2.99% \$0.00 0.00%	\$0.82 2.36% \$0.82 2.92% \$0.00 0.00% Feb-23 139 \$15.39 \$0.00 \$90.88	\$0.72 2.23% \$0.72 2.72% \$0.00 0.00% \$15.39 \$0.00 \$69.16 \$84.55 \$12.295 \$12.295 \$12.295 \$12.318	\$0.59 2.01% \$0.59 2.40% \$0.00 0.00% \$0.00 \$0.00% \$15.39 \$0.00 \$40.97 \$56.36 \$1.2295 \$76.78	\$4.41 2.25% \$4.41 2.75% \$0.00 0.00% \$10,000 \$1	\$0.46 1.87% \$0.46 2.03% \$0.00 0.00% Summer Seaso May-23 33 \$15.68 \$0.00 \$21.71 \$37.39 \$1.2295 \$40.68 \$0.1318	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00% In (May - Oct.) Jun-23 18 \$15.68 \$0.00 \$11.71 \$27.40 \$1.2295 \$21.95 \$0.1318	\$0.29 1.38% \$0.29 1.46% \$0.00 0.00% Jul-23 13 \$15.68 \$0.00 \$8.78 \$24.46	\$0.30 1.40% \$0.30 1.49% \$0.00 0.00% \$0.00 0.00% \$1.49% \$0.00 0.00% \$1.49% \$0.00 \$0.00% \$1.49% \$1.40%	\$0.33 1.52% \$0.33 1.62% \$0.00 0.00% \$1.62% \$0.00 \$1.60 \$27.28	\$0.42 1.78% \$0.42 1.92% \$0.00 0.00% \$15.68 \$0.00 \$25.22 \$40.90 \$1.2295 \$47.26 \$0.1318	\$2.16 1.60% \$2.16 1.72% \$0.00 0.00% \$0.00 \$3.00	\$6.57 1.989 \$6.57 2.299 \$0.00 0.009 Total 791 \$186.4 \$0.00 \$518.5 \$705.4 \$1.229 \$972.5 \$972.5 \$0.00
Total Bill % Change Base Rate % Change COG & LDAC % Change Winter Season (Jan Apr., Nov Dec Residential Heating (R3) PROPOSED average Usage (Therms) Winter: Cust. Chg Headblock Tailblock HB Threshold Summer: Cust. Chg Headblock Tailblock HB Threshold Total Base Rate Amount COG Rate - (Winter) COG amount - Winter COG Rate - (Summer) COG amount - Summer	\$0.62 2.06% \$0.62 2.47% \$0.00 0.00% c.) Nov-22 83 \$15.39 \$0.00 \$54.63	\$0.81 2.34% \$0.81 2.89% \$0.00 0.00% \$122 \$15.39 \$0.00 \$79.99 \$95.38 \$1.2295 \$149.90	\$0.86 2.41% \$0.86 2.99% \$0.00 0.00% Jan-23 145 \$15.39 \$0.00 \$95.38 \$110.77 \$1.2295 \$1.78.75	\$0.82 2.36% \$0.82 2.92% \$0.00 0.00% Feb-23 139 \$15.39 \$0.00 \$90.88	\$0.72 2.23% \$0.72 2.72% \$0.00 0.00% \$105 \$15.39 \$0.00 \$69.16 \$84.55 \$1.2295 \$129.61	\$0.59 2.01% \$0.59 2.40% \$0.00 0.00% \$0.00 \$0.00 \$0.00 \$40.97 \$56.36 \$1.2295 \$76.78	\$4.41 2.25% \$4.41 2.75% \$0.00 0.00% Winter 657 \$92.35 \$0.00 \$431.01 \$523.36 \$1.2295 \$807.74	\$0.46 1.87% \$0.46 2.03% \$0.00 0.00% Summer Seaso May-23 33 \$15.68 \$0.00 \$21.71 \$37.39	\$0.36 1.60% \$0.36 1.71% \$0.00 0.00% In (May - Oct.) Jun-23 18 \$15.68 \$0.00 \$11.71 \$27.40	\$0.29 1.38% \$0.29 1.46% \$0.00 0.00% Jul-23 13 \$15.68 \$0.00 \$8.78 \$24.46	\$0.30 1.40% \$0.30 1.49% \$0.00 0.00% Aug-23 14 \$15.68 \$0.00 \$8.94 \$24.62	\$0.33 1.52% \$0.33 1.62% \$0.00 0.00% \$ep-22 18 \$15.68 \$0.00 \$11.60 \$27.28	\$0.42 1.78% \$0.42 1.92% \$0.00 0.00% Oct-22 38 \$15.68 \$0.00 \$25.22 \$40.90	\$2.16 1.60% \$2.16 1.72% \$0.00 0.00% \$134 \$94.09 \$0.00 \$87.96 \$182.05	\$6.57 1.98% \$6.57 2.29% \$0.00 0.00% Total 791

Liberty Utilities (EnergyNorth Natural Gas) d/b/a Liberty Bill Impact Analysis

Residential Heating (R3)	ec.)								n (May - Oct.)					,	
CURRENT	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter	May-23	Jun-23	Jul-23	Aug-23	Sep-22	Oct-22	Summer	Tota
average Usage (Therms)	83	122	145	139	105	62	657	33	18	13	14	18	38	134	791
Winter: Cust. Chg	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.34								
Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00								
Tailblock	\$52.77	\$77.26	\$92.13	\$87.78	\$66.80	\$39.57	\$416.31								
HB Threshold															
Summer:															
Cust. Chg								\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.34	\$184.
Headblock Tailblock								\$0.00 \$20.97	\$0.00 \$11.32	\$0.00 \$8.48	\$0.00 \$8.64	\$0.00 \$11.20	\$0.00 \$24.36	\$0.00 \$84.96	\$0.0 \$501.
HB Threshold								Ş20.57	J11.32	Ç0.40	J0.04	311.20	324.30	J04.50	\$301.
Total Base Rate Amount	\$68.16	\$92.65	\$107.52	\$103.17	\$82.19	\$54.96	\$508.65	\$36.36	\$26.71	\$23.87	\$24.03	\$26.59	\$39.75	\$177.30	\$685.
COG Rate - (Winter)	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295								
COG amount - Winter	\$102.38	\$149.90	\$178.75	\$170.32	\$129.61	\$76.78	\$807.74								
COG Rate - (Summer)								\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.22
COG amount - Summer								\$40.68	\$21.95	\$16.45	\$16.75	\$21.74	\$47.26	\$164.85	\$972.
	40.4040	40.4040	40 4040	40.4040	40.4040	40.4040	40.4040	40.4040	40.4040	40.4040	40.4040	40.4040	40.4040	40 4040	40.40
LDAC LDAC amount	\$0.1318 \$10.98	\$0.1318 \$16.07	\$0.1318 \$19.16	\$0.1318 \$18.26	\$0.1318 \$13.89	\$0.1318 \$8.23	\$0.1318 \$86.59	\$0.1318 \$4.36	\$0.1318 \$2.35	\$0.1318 \$1.76	\$0.1318 \$1.80	\$0.1318 \$2.33	\$0.1318 \$5.07	\$0.1318 \$17.67	\$0.13 \$104.
ED/IC diriodite	\$20.50	\$10.07	Ģ13.10	Ģ10.L0	Ģ13.03	Ç0.25	Ģ00.33	\$4.50	Q2.55	\$2.70	\$1.00	ψ£.33	\$5.07	\$27.07	9104
Total Bill	\$181.51	\$258.62	\$305.43	\$291.74	\$225.69	\$139.98	\$1,402.98	\$81.40	\$51.01	\$42.09	\$42.58	\$50.66	\$92.08	\$359.82	\$1,762
DIFFERENCE:															
Total Bill	\$1.87	\$2.73	\$3.26	\$3.10	\$2.36	\$1.40	\$14.72	\$1.03	\$0.69	\$0.59	\$0.60	\$0.69	\$1.15	\$4.75	\$19.4
% Change	1.03%	1.06%	1.07%	1.06%	1.05%	1.00%	1.05%	1.27%	1.36%	1.41%	1.40%	1.36%	1.25%	1.32%	1.10
Base Rate	\$1.87	\$2.73	\$3.26	\$3.10	\$2.36	\$1.40	\$14.72	\$1.03	\$0.69	\$0.59	\$0.60	\$0.69	\$1.15	\$4.75	\$19.4
% Change	2.74%	2.95%	3.03%	3.01%	2.87%	2.55%	2.89%	2.84%	2.59%	2.48%	2.48%	2.59%	2.90%	2.68%	2.84
COG & LDAC	\$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 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%	\$0.0 0.00
% Change	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
Winter Season (Jan Apr., Nov D	ec.)							Summer Seaso	n (May - Oct.)						
Low Income Residential Heating (R4	-)													1	1
PROPOSED	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter	May-23	Jun-23	Jul-23	Aug-23	Sep-22	Oct-22	Summer	Tota
average Usage (Therms)	81	118	140	133	103	62	636	33	18	14	14	18	38	134	770
Winter: Cust. Chg	\$8,47	\$8.47	\$8.47	\$8.47	\$8.47	\$8.47	\$50.82								
Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00								
Tailblock	\$28.06	\$41.10	\$48.95	\$46.34	\$35.74	\$21.50	\$221.69								
HB Threshold															
Summer:															
Cust. Chg								\$8.47	\$8.47	\$8.47	\$8.47	\$8.47	\$8.47	\$50.82	\$101.
Headblock								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
Tailblock HB Threshold								\$21.53	\$12.08	\$9.07	\$9.21	\$11.57	\$24.62	\$88.08	\$309.
TIB TITESHOID															
Total Base Rate Amount	\$36.53	\$49.57	\$57.42	\$54.81	\$44.21	\$29.97	\$272.51	\$30.00	\$20.55	\$17.54	\$17.68	\$20.04	\$33.09	\$138.90	\$411.
COG Pate - (Winter)	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295								
COG Rate - (Winter) COG amount - Winter	\$98.99	\$1.2293	\$172.69	\$163.49	\$126.10	\$75.86	\$782.12								
COG Rate - (Summer)								\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.22
COG amount - Summer							!	\$40.35	\$22.63	\$17.00	\$17.26	\$21.68	\$46.15	\$165.08	\$947.
LDAC	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.13
LDAC amount	\$10.61	\$15.54	\$18.51	\$17.53	\$13.52	\$8.13	\$83.84	\$4.33	\$2.43	\$1.82	\$1.85	\$2.32	\$4.95	\$17.70	\$101.
Total Bill	\$146.14	\$210.10	\$248.62	\$235.82	\$183.83	\$113.96	\$1,138.47	\$74.68	\$45.60	\$36.36	\$36.79	\$44.05	\$84.19	\$321.68	\$1,460
							, , , , , , , , , , , , , , , , , , , ,				,				, , -, .50
Winter Season (Jan Apr., Nov De								Summer Seaso	n (May - Oct.)						
Low Income Residential Heating (R4 CURRENT	7														
	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter	May-23	Jun-23	Jul-23	Aug-23	Sep-22	Oct-22	Summer	Tota
average Usage (Therms)	81	118	140	133	103	62	636	33	18	14	14	18	38	134	770
Winter:								1							
Cust. Chg	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.34								
Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00								
Tailblock	\$51.02	\$74.73	\$89.00	\$84.26	\$64.99	\$39.10	\$403.10								
HB Threshold															
Summer:															
Cust. Chg								\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.34	\$184
Headblock Tailblock								\$0.00 \$20.80	\$0.00 \$11.66	\$0.00 \$8.76	\$0.00 \$8.90	\$0.00 \$11.18	\$0.00 \$23.78	\$0.00 \$85.08	\$0.0 \$488
HB Threshold								⇒2U.8U	911.00	₽0./D	96.9U	211.15	243.78	903.U8	\$488
								1							
Total Base Rate Amount	\$66.41	\$90.12	\$104.39	\$99.65	\$80.38	\$54.49	\$495.44	\$36.19	\$27.05	\$24.15	\$24.29	\$26.57	\$39.17	\$177.42	\$672
COG Rate - (Winter)	\$1,2295	\$1,2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295								
COG Rate - (Winter)	\$98.99	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$75.86	\$782.12								
COG Rate - (Summer)								\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.2295	\$1.22
COG amount - Summer								\$40.35	\$22.63	\$17.00	\$17.26	\$21.68	\$46.15	\$165.08	\$947
LDAC	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.1318	\$0.13
LDAC LDAC amount	\$10.61	\$15.54	\$18.51	\$17.53	\$13.52	\$8.13	\$83.84	\$4.33	\$2.43	\$1.82	\$1.85	\$2.32	\$4.95	\$17.70	\$101.

\$52.11 \$42.97 \$43.40

					Liberty U		yNorth Natural mpact Analysis	Gas) d/b/a Libert	у						Pa
2 Winter Season (Jan Apr., Nov Dec.) 2 DIFFERENCE:	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter	Summer Seaso May-23	Jun-23	Jul-23	Aug-23	Sep-22	Oct-22	Summer	Total
Total Bill % Change 5	(\$29.88) -16.98%	(\$40.55) -16.18%	(\$46.98) -15.89%	(\$44.84) -15.98%	(\$36.17) -16.44%	(\$24.51) -17.70%	(\$222.93) -16.38%	(\$6.19) -7.65%	(\$6.51) -12.49%	(\$6.61) -15.38%	(\$6.61) -15.22%	(\$6.53) -12.90%	(\$6.08) -6.74%	(\$38.52) -10.69%	(\$261.45 -15.19%
6 Base Rate 17 % Change 18	(\$29.88) -44.99%	(\$40.55) -45.00%	(\$46.98) -45.00%	(\$44.84) -45.00%	(\$36.17) -45.00%	(\$24.51) -44.99%	(\$222.93) -45.00%	(\$6.19) -17.09%	(\$6.51) -24.06%	(\$6.61) -27.37%	(\$6.61) -27.20%	(\$6.53) -24.56%	(\$6.08) -15.52%	(\$38.52) -21.71%	(\$261.45 -38.86%
9 COG & LDAC 0 % Change	\$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 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%
1 Winter Season (Jan Apr., Nov Dec.) 2 Commercial/Industrial - Low Annual Us		r Use (G-41)						Summer Seaso	n (May - Oct.)						
3 PROPOSED 4 5 average Usage (Therms)	Nov-22 272	Dec-22 423	Jan-23 521	Feb-23 496	Mar-23 364	Apr-23	Winter 2,273	May-23	Jun-23 39	Jul-23 26	Aug-23	Sep-22 40	Oct-22 108	Summer 330	Total 2,603
6 7 Winter:															2,000
8 Cust. Chg 9 Headblock 0 Tailblock 1 HB Threshold	\$63.59 \$51.07 \$61.44	\$63.59 \$51.07 \$115.24	\$63.59 \$51.07 \$150.39	\$63.59 \$51.07 \$141.29	\$63.59 \$51.07 \$94.35	\$63.59 \$51.07 \$34.22	\$381.54 \$306.42 \$596.93								
2 3 Summer: 4 Cust. Chg								\$63.59	\$63.59	\$63.59	\$63.59	\$63.59	\$63.59	\$381.54	\$763.0
5 Headblock 6 Tailblock 7 HB Threshold								\$10.21 \$25.25	\$10.21 \$6.80	\$10.21 \$2.03	\$10.21 \$2.31	\$10.21 \$7.09	\$10.21 \$31.38	\$61.28 \$74.86	\$367.7 \$671.7
8 9 Total Base Rate Amount 0	\$176.10	\$229.90	\$265.05	\$255.95	\$209.01	\$148.88	\$1,284.89	\$99.06	\$80.60	\$75.83	\$76.12	\$80.89	\$105.18	\$517.68	\$1,802.
1 COG Rate - (Winter) 2 COG amount - Winter 3	\$1.2303 \$334.86	\$1.2303 \$520.33	\$1.2303 \$641.50	\$1.2303 \$610.13	\$1.2303 \$448.32	\$1.2303 \$241.01	\$1.2303 \$2,796.15								
4 COG Rate - (Summer) 5 COG amount - Summer								\$1.2303 \$111.66	\$1.2303 \$48.05	\$1.2303 \$31.60	\$1.2303 \$32.58	\$1.2303 \$49.05	\$1.2303 \$132.78	\$1.2303 \$405.71	\$1.2303 \$3,201.8
6 7 LDAC 8 LDAC amount	\$0.0991 \$26.97	\$0.0991 \$41.91	\$0.0991 \$51.67	\$0.0991 \$49.15	\$0.0991 \$36.11	\$0.0991 \$19.41	\$0.0991 \$225.23	\$0.0991 \$8.99	\$0.0991 \$3.87	\$0.0991 \$2.55	\$0.0991 \$2.62	\$0.0991 \$3.95	\$0.0991 \$10.70	\$0.0991 \$32.68	\$0.099 \$257.9
9 0 Total Bill	\$537.94	\$792.15	\$958.22	\$915.23	\$693.44	\$409.30	\$4,306.27	\$219.71	\$132.52	\$109.97	\$111.32	\$133.90	\$248.66	\$956.07	\$5,262.3
1 Winter Season (Jan Apr., Nov Dec.) 2 Commercial/Industrial - Low Annual Us 3 CURRENT		r Use (G-41)						Summer Seaso	n (May - Oct.)						
4 5 average Usage (Therms)	Nov-22 272	Dec-22 423	Jan-23 521	Feb-23 496	Mar-23 364	Apr-23 196	Winter 2,273	May-23 91	Jun-23 39	Jul-23 26	Aug-23 26	Sep-22 40	Oct-22 108	Summer 330	Total 2,603
6 7 Winter: 8 Cust. Chg	\$62.03	\$62.03	\$62.03	\$62.03	\$62.03	\$62.03	\$372.18								
9 Headblock 0 Tailblock 1 HB Threshold 2	\$50.07 \$59.73	\$50.07 \$112.02	\$50.07 \$146.18	\$50.07 \$137.34	\$50.07 \$91.71	\$50.07 \$33.26	\$300.43 \$580.25								
3 Summer: 4 Cust. Chg 5 Headblock								\$62.03 \$10.01	\$62.03 \$10.01	\$62.03 \$10.01	\$62.03 \$10.01	\$62.03 \$10.01	\$62.03 \$10.01	\$372.18 \$60.09	\$744.3 \$360.5
6 Tailblock 7 HB Threshold								\$24.55	\$6.61	\$1.97	\$2.25	\$6.89	\$30.50	\$72.76	\$653.0
8 9 Total Base Rate Amount 0	\$171.83	\$224.12	\$258.29	\$249.44	\$203.82	\$145.37	\$1,252.86	\$96.59	\$78.65	\$74.02	\$74.29	\$78.94	\$102.54	\$505.03	\$1,757.
1 COG Rate - (Winter) 2 COG amount - Winter	\$1.2303 \$334.86	\$1.2303 \$520.33	\$1.2303 \$641.50	\$1.2303 \$610.13	\$1.2303 \$448.32	\$1.2303 \$241.01	\$1.2303 \$2,796.15								
3 4 COG Rate - (Summer) 5 COG amount - Summer								\$0.1203 \$10.92	\$0.1203 \$4.70	\$0.1203 \$3.09	\$0.1203 \$3.19	\$0.1203 \$4.80	\$0.1203 \$12.98	\$0.1203 \$39.67	\$1.089 \$2,835.
6 7 LDAC 8 LDAC amount	\$0.0991 \$26.97	\$0.0991 \$41.91	\$0.0991 \$51.67	\$0.0991 \$49.15	\$0.0991 \$36.11	\$0.0991 \$19.41	\$0.0991 \$225.23	\$0.0991 \$8.99	\$0.0991 \$3.87	\$0.0991 \$2.55	\$0.0991 \$2.62	\$0.0991 \$3.95	\$0.0991 \$10.70	\$0.0991 \$32.68	\$0.099 \$257.9
9 O Total Bill	\$533.67	\$786.37	\$951.46	\$908.72	\$688.24	\$405.79	\$4,274.25	\$116.50	\$87.22	\$79.65	\$80.10	\$87.68	\$126.22	\$577.38	\$4,851.
1 DIFFERENCE: 2 Total Bill 3 % Change	\$4.27 0.80%	\$5.78 0.73%	\$6.76 0.71%	\$6.51 0.72%	\$5.19 0.75%	\$3.51 0.87%	\$32.03 0.75%	\$103.21 88.59%	\$45.30 51.93%	\$30.32 38.07%	\$31.22 38.97%	\$46.21 52.70%	\$122.43 97.00%	\$378.69 65.59%	\$410.7 8.479
4 5 Base Rate	\$4.27	\$5.78	\$6.76	\$6.51	\$5.19	\$3.51	\$32.03	\$2.47	\$1.95	\$1.82	\$1.82	\$1.96	\$2.64	\$12.65	\$44.6
6 % Change 7 8 COG & LDAC	\$0.00	2.58% \$0.00	\$0.00	2.61% \$0.00	\$0.00	\$0.00	2.56% \$0.00	2.55% \$100.74	2.48% \$43.35	2.45% \$28.51	2.46% \$29.39	2.48% \$44.25	2.57% \$119.80	2.50% \$366.04	\$366.0
9 % Change Winter Season (Jan Apr., Nov Dec.)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	505.93% Summer Seaso	505.93%	505.93%	505.93%	505.93%	505.93%	505.93%	11.83
1 Commercial/Industrial - Medium Annua 2 PROPOSED	al Use, High W													_	
3 4 average Usage (Therms) 5	Nov-22 2,568	Dec-22 3,796	Jan-23 4,442	Feb-23 4,284	Mar-23 3,296	Apr-23 2,004	Winter 20,390	May-23 1,039	Jun-23 507	Jul-23 350	Aug-23 368	Sep-22 548	Oct-22 1,203	4,014	24,40
6 Winter: 7 Cust. Chg 8 Headblock	\$190.71 \$46.51	\$190.71 \$46.51	\$190.71 \$46.51	\$190.71 \$46.51	\$190.71 \$46.51	\$190.71 \$46.51	\$1,144.25 \$279.03								
9 Tailblock 0 HB Threshold 1	\$796.93	\$1,193.70	\$1,402.35	\$1,351.07	\$1,031.98	\$615.04	\$6,391.07								
2 Summer: 3 Cust. Chg								\$190.71	\$190.71	\$190.71	\$190.71	\$190.71	\$190.71	\$1,144.25	\$2,288
4 Headblock 5 Tailblock 6 HB Threshold								\$186.02 \$206.38	\$186.02 \$34.44	\$162.55 \$0.00	\$171.25 \$0.00	\$186.02 \$47.64	\$186.02 \$259.31	\$1,077.89 \$547.77	\$1,356. \$6,938.
7 8 Total Base Rate Amount	\$1,034.14	\$1,430.92	\$1,639.57	\$1,588.28	\$1,269.19	\$852.25	\$7,814.35	\$583.11	\$411.17	\$353.26	\$361.95	\$424.37	\$636.04	\$2,769.90	\$10,584
0 COG Rate - (Winter) 1 COG amount - Winter	\$1.2303 \$3,159.08	\$1.2303 \$4,670.66	\$1.2303 \$5,465.55	\$1.2303 \$5,270.16	\$1.2303 \$4,054.53	\$1.2303 \$2,466.14	\$1.2303 \$25,086.12								
2 3 COG Rate - (Summer)								\$1.2303 \$1,278.36	\$1.2303 \$623.33	\$1.2303 \$430.03	\$1.2303 \$453.03	\$1.2303	\$1.2303	\$1.2303 \$4,938.37	\$1.230

Liberty Utilities (EnergyNorth Natural G	ias) d/b/a Liberty
Bill Impact Analysis	

Winter Season (Jan Apr., Nov Dec.)					Liberty U		yNorth Natural Impact Analysis	Gas) d/b/a Liber						1	[
Commercial/Industrial - Medium Annual	Use, High W \$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991
LDAC amount	\$254.46	\$376.22	\$440.25	\$424.51	\$326.59	\$198.65	\$2,020.67	\$102.97	\$50.21	\$34.64	\$36.49	\$54.26	\$119.21	\$397.78	\$2,418.
Total Bill Winter Season (Jan Apr., Nov Dec.)	\$4,447.68	\$6,477.79	\$7,545.37	\$7,282.95	\$5,650.32	\$3,517.03	\$34,921.14	\$1,964.44 Summer Seaso	\$1,084.70 on (May - Oct.)	\$817.93	\$851.47	\$1,152.26	\$2,235.25	\$8,106.05	\$43,027
Commercial/Industrial - Medium Annual CURRENT															
average Usage (Therms)	2,568	Dec-22 3,796	Jan-23 4,442	Feb-23 4,284	Mar-23 3,296	Apr-23 2,004	Winter 20,390	May-23 1,039	Jun-23 507	Jul-23 350	Aug-23 368	Sep-22 548	Oct-22 1,203	4,014	24,40
Winter: Cust. Chg	\$186.03	\$186.03	\$186.03	\$186.03	\$186.03	\$186.03	\$1,116.18								
Headblock Tailblock HB Threshold	\$455.76 \$491.71	\$455.76 \$877.05	\$455.76 \$1,079.70	\$455.76 \$1,029.89	\$455.76 \$719.99	\$455.76 \$315.05	\$2,734.55 \$4,513.38								
Summer:															
Cust. Chg Headblock								\$186.03 \$182.30	\$186.03 \$182.30	\$186.03 \$159.30	\$186.03 \$167.82	\$186.03 \$182.30	\$186.03 \$182.30	\$1,116.18 \$1,056.34	\$2,232
Tailblock HB Threshold								\$200.44	\$33.45	\$0.00	\$0.00	\$46.27	\$251.84	\$532.00	\$5,045
Total Base Rate Amount	\$1,133.49	\$1,518.84	\$1,721.49	\$1,671.68	\$1,361.77	\$956.84	\$8,364.11	\$568.77	\$401.78	\$345.33	\$353.85	\$414.60	\$620.17	\$2,704.52	\$11,068
COG Rate - (Winter) COG amount - Winter	\$1.2303 \$3,159.08	\$1.2303 \$4,670.66	\$1.2303 \$5,465.55	\$1.2303 \$5,270.16	\$1.2303 \$4,054.53	\$1.2303 \$2,466.14	\$1.2303 \$25,086.12								
COG Rate - (Summer) COG amount - Summer								\$1.2303 \$1,278.36	\$1.2303 \$623.33	\$1.2303 \$430.03	\$1.2303 \$453.03	\$1.2303 \$673.62	\$1.2303 \$1,480.00	\$1.2303 \$4,938.37	\$1.230 \$30,024
LDAC	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.099
LDAC amount Total Bill	\$254.46 \$4,547.03	\$376.22 \$6,565.72	\$440.25 \$7,627.29	\$424.51 \$ 7,366.35	\$326.59 \$5,742.90	\$198.65 \$3,621.62	\$2,020.67 \$35,470.91	\$102.97 \$1,950.10	\$50.21 \$1,075.32	\$34.64 \$810.00	\$36.49 \$843.37	\$54.26 \$1,142.49	\$119.21 \$2,219.39	\$397.78 \$8,040.66	\$43,511
DIFFERENCE: Total Bill	(\$99.35)	(\$87.93)	(\$81.92)	(\$83.40)	(\$92.58)	(\$104.59)	(\$549.76)	\$14.34	\$9.39	\$7.93	\$8.10	\$9.77	\$15.86	\$65.39	(\$484.
% Change	-2.18%	-1.34%	-1.07%	-1.13%	-1.61%	-2.89% (\$104.50)	-1.55%	0.74%	0.87%	0.98%	0.96%	0.86%	0.71%	0.81%	-1.11
Base Rate % Change	(\$99.35) -8.77%	(\$87.93) -5.79%	(\$81.92) -4.76%	(\$83.40) -4.99%	(\$92.58) -6.80%	(\$104.59) -10.93%	(\$549.76) -6.57%	\$14.34 2.52%	\$9.39 2.34%	\$7.93 2.30%	\$8.10 2.29%	\$9.77 2.36%	\$15.86 2.56%	\$65.39 2.42%	-4.38
COG & LDAC % Change	\$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 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 0.009
Winter Season (Jan Apr., Nov Dec.) Commercial/Industrial - High Annual Use	e, High Winte	r Use (G-43)						Summer Seaso	on (May - Oct.)						
PROPOSED	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter	May-23	Jun-23	Jul-23	Aug-23	Sep-22	Oct-22	Summer	Tota
average Usage (Therms) Winter:	23,661	31,955	31,276	29,903	24,765	17,078	158,638	11,030	6,524	5,278	6,059	7,044	12,595	48,531	207,16
Cust. Chg Headblock	\$815.58 \$0.00	\$815.58 \$0.00	\$815.58 \$0.00	\$815.58 \$0.00	\$815.58 \$0.00	\$815.58 \$0.00	\$4,893.45 \$0.00								
Tailblock HB Threshold	\$6,799.78	\$9,183.34	\$8,988.11	\$8,593.46	\$7,117.02	\$4,907.91	\$45,589.63								
Summer: Cust. Chg								\$815.58	\$815.58	\$815.58	\$815.58	\$815.58	\$815.58	\$4,893.45	\$9,786
Headblock Tailblock								\$0.00 \$1,601.49	\$0.00 \$947.33	\$0.00 \$766.37	\$0.00 \$879.79	\$0.00 \$1,022.85	\$0.00 \$1,828.79	\$0.00 \$7,046.63	\$0.00 \$52,636
HB Threshold	47.645.06	40.000.00	40.000.00	40.400.04	47,000,50	45 700 40	450 400 00	40.447.07	44 752 00	44 504 05	44 505 05	44 000 40	40.044.07	*** *** ***	452 422
Total Base Rate Amount COG Rate - (Winter)	\$7,615.36	\$9,998.92	\$9,803.69 \$1.2303	\$9,409.04	\$7,932.59 \$1.2303	\$5,723.49 \$1.2303	\$50,483.08 \$1.2303	\$2,417.07	\$1,762.90	\$1,581.95	\$1,695.36	\$1,838.42	\$2,644.37	\$11,940.08	\$62,423
COG amount - Winter	\$29,110.30				\$30,468.40	\$21,011.08	\$195,172.08								
COG Rate - (Summer) COG amount - Summer								\$1.2303 \$13,569.79	\$1.2303 \$8,026.90	\$1.2303 \$6,493.63	\$1.2303 \$7,454.64	\$1.2303 \$8,666.81	\$1.2303 \$15,495.75	\$1.2303 \$59,707.51	\$1.230 \$254,87
LDAC LDAC amount	\$0.0991 \$2,344.82	\$0.0991 \$3,166.76	\$0.0991 \$3,099.44	\$0.0991 \$2,963.35	\$0.0991 \$2,454.21	\$0.0991 \$1,692.43	\$0.0991 \$15,721.01	\$0.0991 \$1,093.04	\$0.0991 \$646.56	\$0.0991 \$523.06	\$0.0991 \$600.47	\$0.0991 \$698.11	\$0.0991 \$1,248.17	\$0.0991 \$4,809.41	\$0.099
Total Bill			\$51,381.81					\$17,079.90	\$10,436.37	\$8,598.63	\$9,750.47	\$11,203.34	\$19,388.29	\$76,456.99	\$337,83
Winter Season (Jan Apr., Nov Dec.)		(0.40)						Summer Seaso	on (May - Oct.)						
Commercial/Industrial - High Annual Use CURRENT	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter	May-23	Jun-23	Jul-23	Aug-23	Sep-22	Oct-22	Summer	Tota
average Usage (Therms)	23,661	31,955	31,276	29,903	24,765	17,078	158,638	11,030	6,524	5,278	6,059	7,044	12,595	48,531	207,16
Winter: Cust. Chg Headblock	\$796.32 \$0.00	\$796.32 \$0.00	\$796.32 \$0.00	\$796.32 \$0.00	\$796.32 \$0.00	\$796.32 \$0.00	\$4,777.92 \$0.00								
Tailblock HB Threshold	\$3,293.63	\$4,448.16	\$4,353.60	\$4,162.44	\$3,447.29	\$2,377.26	\$22,082.38								
Summer:															
								\$796.32 \$0.00	\$796.32 \$0.00	\$796.32 \$0.00	\$796.32 \$0.00	\$796.32 \$0.00	\$796.32 \$0.00	\$4,777.92 \$0.00	\$9,555.
Cust. Chg Headblock								\$1,535.33	\$908.19	\$734.71	\$843.44	\$980.59	\$1,753.24	\$6,755.49	\$28,837
Headblock Tailblock HB Threshold Total Base Rate Amount	\$4,089.95	\$5,244.48	\$5,149.92	\$4,958.76	\$4,243.61	\$3,173.58	\$26,860.30	\$2,331.65	\$1,704.51	\$1,531.03	\$1,639.76	\$1,776.91	\$2,549.56	\$11,533.41	\$38,393
Headblock Tailblock HB Threshold	\$1.2303	\$1.2303	\$5,149.92 \$1.2303 \$38,478.68	\$1.2303	\$1.2303	\$1.2303	\$26,860.30 \$1.2303 \$195,172.08	\$2,331.65	\$1,704.51	\$1,531.03	\$1,639.76	\$1,776.91	\$2,549.56	\$11,533.41	\$38,393
Headblock Tailblock HB Threshold Total Base Rate Amount COG Rate - (Winter) COG amount - Winter COG Rate - (Summer)	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.230
Headblock Tailblock HB Threshold Total Base Rate Amount COG Rate - (Winter) COG amount - Winter	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303	\$1.2303								\$38,393 \$1.230 \$254,879 \$0.099

						Bill	Impact Analysis									
410 DIFFERENCE:	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter	May-23	Jun-23	Jul-23	Aug-23	Sep-22	Oct-22	Summer	Total	
411 Total Bill	\$3,525.41	\$4,754.43	\$4,653.77	\$4,450.28	\$3,688.98	\$2,549.91	\$23,622.78	\$85.42	\$58.39	\$50.92	\$55.60	\$61.51	\$94.81	\$406.66	\$24,029.44	L
412 % Change	9.92%	9.96%	9.96%	9.95%	9.93%	9.85%	9.94%	0.50%	0.56%	0.60%	0.57%	0.55%	0.49%	0.53%	7.66%	L
413																L
414 Base Rate	\$3,525.41	\$4,754.43	\$4,653.77	\$4,450.28	\$3,688.98	\$2,549.91	\$23,622.78	\$85.42	\$58.39	\$50.92	\$55.60	\$61.51	\$94.81	\$406.66	\$24,029.44	L
415 % Change	86.20%	90.66%	90.37%	89.75%	86.93%	80.35%	87.95%	3.66%	3.43%	3.33%	3.39%	3.46%	3.72%	3.53%	62.59%	L
416																L
417 COG & LDAC	\$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	L
418 % Change	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%	L

6															
COG & LDAC	\$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
% Change	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%
Winter Season (Jan Apr., Nov I Commercial/Industrial - Low Annu		: I Isa (G-51)						Summer Seaso	on (May - Oct.)						
PROPOSED	ar ose, tow winter	036 (0-31)													
2	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter	May-23	Jun-23	Jul-23	Aug-23	Sep-22	Oct-22	Summer	Total
3 average Usage (Therms)	279	339	379	366	317	261	1,942	225	194	173	191	195	212	1,190	3,133
4															
5 Winter: 6 Cust. Chg	\$63.68	\$63.68	\$63.68	\$63.68	\$63.68	\$63.68	\$382.06								
7 Headblock	\$30.82	\$30.82	\$30.82	\$30.82	\$30.82	\$30.82	\$184.94								
8 Tailblock	\$37.60	\$50.02	\$58.58	\$55.75	\$45.52	\$33.81	\$281.39								
HB Threshold	\$37.00	930.14	430.30	433.73	y +3.32	755.01	\$201.55								
1 Summer:															
2 Cust. Chg								\$63.68	\$63.68	\$63.68	\$63.68	\$63.68	\$63.68	\$382.06	\$764.13
Headblock Tailblock								\$30.82	\$30.82	\$30.82	\$30.82	\$30.82	\$30.82	\$184.94	\$369.88
4 Tailblock 5 HB Threshold								\$26.18	\$19.79	\$15.30	\$19.11	\$19.96	\$23.43	\$123.77	\$405.15
5 TIB TITLESHOID															
7 Total Base Rate Amount	\$132.10	\$144.64	\$153.08	\$150.26	\$140.02	\$128.31	\$848.39	\$120.68	\$114.29	\$109.80	\$113.61	\$114.46	\$117.93	\$690.77	\$1,539.17
В															
OCOG Rate - (Winter)	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284								
COG amount - Winter	\$343.14	\$416.62	\$466.09	\$449.54	\$389.55	\$320.93	\$2,385.88								
(SOC Bata (Summer)								64 2204	61 2204	64 2204	64 2204	64 2204	64 2204	64 2204	64 2204
COG Rate - (Summer) COG amount - Summer								\$1.2284 \$276.25	\$1.2284 \$238.79	\$1.2284 \$212.50	\$1.2284 \$234.83	\$1.2284 \$239.79	\$1.2284 \$260.12	\$1.2284 \$1,462.28	\$1.2284 \$3,848.1
1							Į.	3270.23	3230.73	3212.30	3234.03	3233.73	\$200.12	\$1,402.20	\$3,040.10
4 5 LDAC	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991
6 LDAC amount	\$27.68	\$33.61	\$37.60	\$36.27	\$31.43	\$25.89	\$192.48	\$22.29	\$19.26	\$17.14	\$18.94	\$19.34	\$20.98	\$117.97	\$310.45
7	4500.00	4=0.00	4600 00	4000.00	4=====		40 406 77	4440.00	4000 00	4000 45	4000.00	40-0	4000 00	40.004.00	4= 60= ===
Total Bill	\$502.92	\$594.86	\$656.78	\$636.06	\$560.99	\$475.13	\$3,426.75	\$419.22	\$372.35	\$339.45	\$367.39	\$373.59	\$399.03	\$2,271.02	\$5,697.77
9 Winter Season (Jan Apr., Nov D	Dec.)							Summer Seaso	on (May - Oct.)						
O Commercial/Industrial - Low Annua	al Use, Low Winter	Use (G-51)													
CURRENT															
2	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter	May-23	Jun-23	Jul-23	Aug-23	Sep-22	Oct-22	Summer	Total
average Usage (Therms)	279	339	379	366	317	261	1,942	225	194	173	191	195	212	1,190	3,133
5 Winter:															
Cust. Chg	\$62.08	\$62.08	\$62.08	\$62.08	\$62.08	\$62.08	\$372.48								
7 Headblock	\$30.20	\$30.20	\$30.20	\$30.20	\$30.20	\$30.20	\$181.23								
8 Tailblock	\$36.49	\$48.66	\$56.85	\$54.11	\$44.17	\$32.81	\$273.08								
9 HB Threshold															
0															
1 Summer: 2 Cust. Che															
2 Cust. Chg 3 Headblock								\$62.08 \$30.20	\$62.08 \$30.20	\$62.08 \$30.20	\$62.08 \$30.20	\$62.08 \$30.20	\$62.08 \$30.20	\$372.48 \$181.23	\$744.96 \$362.46
4 Tailblock								\$30.20	\$19.20	\$14.85	\$18.55	\$19.37	\$22.74	\$181.23	\$393.20
HB Threshold								323.41	\$15.20	J14.03	J10.33	\$15.57	J22.74	\$120.12	J333.20
6															
7 Total Base Rate Amount	\$128.77	\$140.94	\$149.14	\$146.39	\$136.46	\$125.09	\$826.79	\$117.69	\$111.49	\$107.13	\$110.83	\$111.65	\$115.02	\$673.83	\$1,500.62
8															
9 COG Rate - (Winter)	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284								
COG amount - Winter	\$343.14	\$416.62	\$466.09	\$449.54	\$389.55	\$320.93	\$2,385.88								
1 2 COG Rate - (Summer)								\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1,2284	\$1,2284	\$1,2284
3 COG amount - Summer								\$276.25	\$238.79	\$212.50	\$234.83	\$239.79	\$260.12	\$1,462.28	\$3,848.16
4							ı,	\$270.23	\$250.75	Q212.30	Q254.05	Q233.73	Q200.12	\$1,402.20	\$5,040.24
5 LDAC	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991
6 LDAC amount	\$27.68	\$33.61	\$37.60	\$36.27	\$31.43	\$25.89	\$192.48	\$22.29	\$19.26	\$17.14	\$18.94	\$19.34	\$20.98	\$117.97	\$310.45
7															
8 Total Bill	\$499.60	\$591.17	\$652.83	\$632.20	\$557.43	\$471.92	\$3,405.15	\$416.23	\$369.55	\$336.78	\$364.61	\$370.78	\$396.12	\$2,254.08	\$5,659.22
O DIFFERENCE:															
1 Total Bill	\$3.33	\$3.70	\$3.94	\$3.86	\$3.56	\$3.21	\$21.60	\$2.99	\$2.80	\$2.67	\$2.78	\$2.81	\$2.91	\$16.95	\$38.55
2 % Change	0.67%	0.63%	0.60%	0.61%	0.64%	0.68%	0.63%	0.72%	0.76%	0.79%	0.76%	0.76%	0.73%	0.75%	0.68%
3															
4 Base Rate	\$3.33	\$3.70	\$3.94	\$3.86	\$3.56	\$3.21	\$21.60	\$2.99	\$2.80	\$2.67	\$2.78	\$2.81	\$2.91	\$16.95	\$38.55
5 % Change	2.58%	2.62%	2.65%	2.64%	2.61%	2.57%	2.61%	2.54%	2.51%	2.49%	2.51%	2.51%	2.53%	2.52%	2.57%
6 7 COC 8 LDAG	60.00	ć0.00	ćo 00	ć0.00	ć0.00	ć0.00	60.00	60.00	¢0.00	¢0.00	ć0.00	ć0.00	ć0.00	£0.00	(60.00)
7 COG & LDAC 8 % Change	\$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	(\$0.00)
70 Cilalige	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%
9 Winter Season (Jan Apr., Nov D	Dec.)							Summer Seaso	on (May - Oct.)						
O Commercial/Industrial - Medium A		inter Use (G-5	52)												
1 PROPOSED								1							
2	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter	May-23	Jun-23	Jul-23	Aug-23	Sep-22	Oct-22	Summer	Total
average Usage (Therms)	20	26	27	26	23	19	140	14	11	9	9	11	13	69	209
5 Winter:								1							
6 Cust. Chg	\$190.43	\$190.43	\$190.43	\$190.43	\$190.43	\$190.43	\$1.142.55								1
7 Handblack	ć5 22	CC 01	67.24	¢c.02	AC 10	Ć4.07	627.27	1							1

489 Winter Season (Jan Apr., Nov Dec.)								Summer Season (May - Oct.)							
490 Commercial/Industrial - Medium Annua	al Use, Low Wi	nter Use (G-5	2)												
491 PROPOSED															
492	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter	May-23	Jun-23	Jul-23	Aug-23	Sep-22	Oct-22	Summer	Total
493 average Usage (Therms)	20	26	27	26	23	19	140	14	11	9	9	11	13	69	209
494															
495 Winter:															
496 Cust. Chg	\$190.43	\$190.43	\$190.43	\$190.43	\$190.43	\$190.43	\$1,142.55								
497 Headblock	\$5.22	\$6.81	\$7.24	\$6.93	\$6.10	\$4.97	\$37.27								
498 Tailblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00								
499 HB Threshold															
500															
501 Summer:															
502 Cust. Chg								\$190.43	\$190.43	\$190.43	\$190.43	\$190.43	\$190.43	\$1,142.55	\$2,285.11
503 Headblock								\$2.88	\$2.27	\$1.84	\$1.89	\$2.10	\$2.66	\$13.64	\$50.91
504 Tailblock								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
505 HB Threshold															
506															
507 Total Base Rate Amount	\$195.64	\$197.24	\$197.66	\$197.36	\$196.52	\$195.40	\$1,179.82	\$193.30	\$192.70	\$192.27	\$192.31	\$192.53	\$193.09	\$1,156.19	\$2,336.01
508															
509 COG Rate - (Winter)	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284								
510 COG amount - Winter	\$24.11	\$31.48	\$33.46	\$32.03	\$28.18	\$22.97	\$172.24								
511															
512 COG Rate - (Summer)	1							\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284
513 COG amount - Summer								\$17.78	\$14.03	\$11.38	\$11.65	\$12.98	\$16.43	\$84.25	\$256.49

Bill	Impact	Anal	ysis	
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Winter Connection and New Do	- \					Bill	Impact Analysis	Summer Seaso	(24 0-4.)						
Winter Season (Jan Apr., Nov De	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter	May-23	Jun-23	Jul-23	Aug-23	Sep-22	Oct-22	Summer	Total
LDAC LDAC amount	\$0.0091 \$0.18	\$0.0091 \$0.23	\$0.0091 \$0.25	\$0.0091 \$0.24	\$0.0091 \$0.21	\$0.0091 \$0.17	\$0.0091 \$1.28	\$0.0091 \$0.13	\$0.0091 \$0.10	\$0.0091 \$0.08	\$0.0091 \$0.09	\$0.0091 \$0.10	\$0.0091 \$0.12	\$0.0091 \$0.62	\$0.0091 \$1.90
Total Bill	\$219.93	\$228.95	\$231.37	\$229.63	\$224.91	\$218.54	\$1,353.33	\$211.22	\$206.83	\$203.73	\$204.05	\$205.60	\$209.64	\$1,241.07	\$2,594.40
Winter Season (Jan Apr., Nov De Commercial/Industrial - Medium An		inter Use (G-5	:2)					Summer Seaso	on (May - Oct.)						
CURRENT															
average Usage (Therms)	Nov-22 20	Dec-22 26	Jan-23 27	Feb-23 26	Mar-23 23	Apr-23	Winter 140	May-23 14	Jun-23 11	Jul-23 9	Aug-23	Sep-22 11	Oct-22 13	Summer 69	Total 209
Winter:															
Cust. Chg Headblock	\$185.80 \$3.79	\$185.80 \$4.95	\$185.80 \$5.27	\$185.80 \$5.04	\$185.80 \$4.43	\$185.80 \$3.61	\$1,114.80 \$27.10								
Tailblock HB Threshold	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00								
) L Summer:															
Cust. Chg								\$185.80	\$185.80	\$185.80	\$185.80	\$185.80	\$185.80	\$1,114.80	\$2,229.6
Headblock Tailblock								\$2.80 \$0.00	\$2.21 \$0.00	\$1.79 \$0.00	\$1.83 \$0.00	\$2.04 \$0.00	\$2.59 \$0.00	\$13.26 \$0.00	\$40.36 \$0.00
HB Threshold															
Total Base Rate Amount	\$189.59	\$190.75	\$191.07	\$190.84	\$190.23	\$189.41	\$1,141.90	\$188.60	\$188.01	\$187.59	\$187.63	\$187.84	\$188.39	\$1,128.06	\$2,269.9
COG Rate - (Winter) COG amount - Winter	\$1.2284 \$24.11	\$1.2284 \$31.48	\$1.2284 \$33.46	\$1.2284 \$32.03	\$1.2284 \$28.18	\$1.2284 \$22.97	\$1.2284 \$172.24								
COG Rate - (Summer)								\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284
COG amount - Summer								\$17.78	\$14.03	\$11.38	\$11.65	\$12.98	\$16.43	\$84.25	\$256.49
LDAC LDAC amount	\$0.0991 \$1.95	\$0.0991 \$2.54	\$0.0991 \$2.70	\$0.0991 \$2.58	\$0.0991 \$2.27	\$0.0991 \$1.85	\$0.0991 \$13.90	\$0.0991 \$1.43	\$0.0991 \$1.13	\$0.0991 \$0.92	\$0.0991 \$0.94	\$0.0991 \$1.05	\$0.0991 \$1.33	\$0.0991 \$6.80	\$0.0991 \$20.69
Total Bill	\$215.65	\$224.78	\$227.22	\$225.46	\$220.69	\$214.24	\$1,328.04	\$207.81	\$203.17	\$199.89	\$200.22	\$201.87	\$206.14	\$1,219.10	\$2,547.1
DIFFERENCE:	64.30	64.10	64.45	64.47	64.22	£4.20	£25.20	62.40	£2.55	62.04	ć2.02	62.72	ć2.50	£21.00	647.20
Total Bill % Change	\$4.28 1.99%	\$4.18 1.86%	\$4.15 1.83%	\$4.17 1.85%	\$4.22 1.91%	\$4.30 2.01%	\$25.30 1.90%	\$3.40 1.64%	\$3.66 1.80%	\$3.84 1.92%	\$3.82 1.91%	\$3.73 1.85%	\$3.50 1.70%	\$21.96 1.80%	\$47.26 1.86%
Base Rate	\$6.05 3.19%	\$6.48 3.40%	\$6.60 3.45%	\$6.52 3.41%	\$6.29 3.31%	\$5.98	\$37.92 3.32%	\$4.71 2.50%	\$4.69 2.49%	\$4.68 2.49%	\$4.68 2.49%	\$4.68 2.49%	\$4.70 2.49%	\$28.13 2.49%	\$66.05 2.91%
% Change COG & LDAC	(\$1.77)	(\$2.31)	(\$2.45)	(\$2.35)	(\$2.06)	3.16%	(\$12.62)	(\$1.30)	(\$1.03)	(\$0.83)	(\$0.85)	(\$0.95)	(\$1.20)	(\$6.17)	(\$18.79
% Change	-6.78%	-6.78%	-6.78%	-6.78%	-6.78%	-6.78%	-6.78%	-6.78%	-6.78%	-6.78%	-6.78%	-6.78%	-6.78%	-6.78%	-6.78%
Winter Season (Jan Apr., Nov De Commercial/Industrial - High Annua		r Less Than 90	0% (G-53)					Summer Seaso	on (May - Oct.)						
PROPOSED	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter	May-23	Jun-23	Jul-23	Aug-23	Sep-22	Oct-22	Summer	Total
average Usage (Therms)	83	122	145	139	105	62	657	33	18	13	14	18	38	134	791
Winter:	4040.00	4040.00	40.40.00	4040.00	4040.00	4040.00	45.054.05								
Headblock	\$842.39 \$0.00	\$842.39 \$0.00	\$842.39 \$0.00	\$842.39 \$0.00	\$842.39 \$0.00	\$842.39 \$0.00	\$5,054.36 \$0.00								
Tailblock HB Threshold	\$15.48	\$22.66	\$27.02	\$25.74	\$19.59	\$11.61	\$122.09								
)															
Summer: Cust. Chg								\$842.39	\$842.39	\$842.39	\$842.39	\$842.39	\$842.39	\$5,054.36	\$10,108.7
Headblock Tailblock								\$0.00 \$3.23	\$0.00	\$0.00	\$0.00	\$0.00 \$1.72	\$0.00	\$0.00 \$13.08	\$0.00 \$135.17
HB Threshold								\$5.25	\$1.74	\$1.31	\$1.33	31.72	\$3.75	313.06	\$155.17
Total Base Rate Amount	\$857.87	\$865.05	\$869.41	\$868.14	\$861.98	\$854.00	\$5,176.46	\$845.62	\$844.14	\$843.70	\$843.72	\$844.12	\$846.14	\$5,067.44	\$10,243.9
COG Rate - (Winter)	\$1,2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284								
COG amount - Winter	\$102.29	\$149.77	\$178.59	\$170.16	\$129.49	\$76.71	\$807.02								
COG Rate - (Summer) COG amount - Summer								\$1.2284 \$40.65	\$1.2284 \$21.93	\$1.2284 \$16.44	\$1.2284 \$16.74	\$1.2284 \$21.72	\$1.2284 \$47.22	\$1.2284 \$164.70	\$1.2284 \$971.72
1	40.0004	40.0004	40.0004	40.0004	40.0004	40.0004	40.0004	ıi.							
LDAC LDAC amount	\$0.0991 \$8.25	\$0.0991 \$12.08	\$0.0991 \$14.41	\$0.0991 \$13.73	\$0.0991 \$10.45	\$0.0991 \$6.19	\$0.0991 \$65.11	\$0.0991 \$3.28	\$0.0991 \$1.77	\$0.0991 \$1.33	\$0.0991 \$1.35	\$0.0991 \$1.75	\$0.0991 \$3.81	\$0.0991 \$13.29	\$0.0991 \$78.39
Total Bill	\$968.41	\$1,026.90	\$1,062.41	\$1,052.03	\$1,001.92	\$936.90	\$6,048.58	\$889.55	\$867.84	\$861.46	\$861.81	\$867.59	\$897.17	\$5,245.43	\$11,294.0
Winter Season (Jan Apr., Nov De	c.)							Summer Seaso	on (May - Oct.)						
Commercial/Industrial - High Annual CURRENT	Use, Load Facto	r Less Than 90	0% (G-53)												
2 3 average Usage (Therms)	Nov-22 83	Dec-22 122	Jan-23 145	Feb-23 139	Mar-23 105	Apr-23 62	Winter 657	May-23 33	Jun-23 18	Jul-23 13	Aug-23	Sep-22 18	Oct-22 38	Summer 134	Total 791
Winter:															
Cust. Chg	\$821.64	\$821.64	\$821.64	\$821.64	\$821.64	\$821.64	\$4,929.84								
Headblock Tailblock	\$0.00 \$7.79	\$0.00 \$11.41	\$0.00 \$13.61	\$0.00 \$12.97	\$0.00 \$9.87	\$0.00 \$5.85	\$0.00 \$61.49								
HB Threshold	, .														
Summer:									4.	4.	4.			l	
Cust. Chg Headblock								\$821.64 \$0.00	\$821.64 \$0.00	\$821.64 \$0.00	\$821.64 \$0.00	\$821.64 \$0.00	\$821.64 \$0.00	\$4,929.84 \$0.00	\$9,859.6 \$0.00
Tailblock								\$3.10	\$1.67	\$1.25	\$1.28	\$1.65	\$3.60	\$12.55	\$74.04
HB Threshold Total Base Rate Amount	\$020.42	\$833.05	¢925.25	¢924 £4	Ć921 E1	¢927 40	\$4 901 22	\$924.74	\$823.31	¢922 on	\$822.92	\$823.29	\$825.24	\$4,942.39	\$0,022.7
	\$829.43		\$835.25	\$834.61	\$831.51	\$827.49	\$4,991.33	\$824.74	¢8∠5.51	\$822.89	2022.9Z	φ8∠3.29	¢δ∠3.24	\$4,942.59	\$9,933.7
COG Rate - (Winter) COG amount - Winter	\$1.2284 \$102.29	\$1.2284 \$149.77	\$1.2284 \$178.59	\$1.2284 \$170.16	\$1.2284 \$129.49	\$1.2284 \$76.71	\$1.2284 \$807.02								
COG Rate - (Summer)								\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284
COG amount - Summer	1						1	\$40.65	\$21.93	\$16.44	\$16.74	\$21.72	\$47.22	\$164.70	\$971.7

							Bill	Impact Analysis								
	Winter Season (Jan Apr., Nov Dec.)								Summer Seas	on (May - Oct.)						
		Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter	May-23	Jun-23	Jul-23	Aug-23	Sep-22	Oct-22	Summer	Total
614	LDAC	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991
615	LDAC amount	\$8.25	\$12.08	\$14.41	\$13.73	\$10.45	\$6.19	\$65.11	\$3.28	\$1.77	\$1.33	\$1.35	\$1.75	\$3.81	\$13.29	\$78.39
616																
617	Total Bill	\$939.98	\$994.90	\$1,028.25	\$1,018.50	\$971.44	\$910.39	\$5,863.46	\$868.66	\$847.02	\$840.66	\$841.01	\$846.77	\$876.27	\$5,120.38	\$10,983.83
618																
619	DIFFERENCE:															
620	Total Bill	\$28.44	\$32.00	\$34.16	\$33.53	\$30.48	\$26.51	\$185.12	\$20.88	\$20.82	\$20.81	\$20.81	\$20.82	\$20.91	\$125.05	\$310.18
621	% Change	3.03%	3.22%	3.32%	3.29%	3.14%	2.91%	3.16%	2.40%	2.46%	2.48%	2.47%	2.46%	2.39%	2.44%	2.82%
622																
623	Base Rate	\$28.44	\$32.00	\$34.16	\$33.53	\$30.48	\$26.51	\$185.12	\$20.88	\$20.82	\$20.81	\$20.81	\$20.82	\$20.91	\$125.05	\$310.18
624	% Change	3.43%	3.84%	4.09%	4.02%	3.67%	3.20%	3.71%	2.53%	2.53%	2.53%	2.53%	2.53%	2.53%	2.53%	3.12%
625																
626	COG & LDAC	\$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
627	% Change	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 PROPOSED																
531	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter		May-23	Jun-23	Jul-23	Aug-23	Sep-22	Oct-22	Summer	Total
32 average Usage (Therms)	81	118	140	133	103	62	636		58,766	61,809	64,600	68,379	65,031	64,466	383,051	383,687
i33																
34 Winter:																
35 Cust. Chg	\$843.22	\$843.22	\$843.22	\$843.22	\$843.22	\$843.22	\$5,059.32									
36 Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00									
37 Tailblock	\$5.69	\$8.34	\$9.93	\$9.40	\$7.25	\$4.36	\$44.99									
38 HB Threshold																
39																
40 Summer:																
41 Cust. Chg									\$843.22	\$843.22	\$843.22	\$843.22	\$843.22	\$843.22	\$5,059.32	\$10,118.6
Headblock									\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Tailblock								5	\$2,417.13	\$2,542.32	\$2,657.10	\$2,812.55	\$2,674.82	\$2,651.60	\$15,755.54	\$15,800.5
HB Threshold																
645																
Total Base Rate Amount	\$848.91	\$851.56	\$853.15	\$852.62	\$850.47	\$847.58	\$5,104.31	5	\$3,260.35	\$3,385.54	\$3,500.32	\$3,655.77	\$3,518.04	\$3,494.82	\$20,814.86	\$25,919.1
547																
648 COG Rate - (Winter)	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284									
COG amount - Winter	\$98.91	\$144.86	\$172.54	\$163.34	\$125.99	\$75.79	\$781.42									
550																
651 COG Rate - (Summer)								1 1	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284
652 COG amount - Summer								\$	\$72,187.66	\$75,926.55	\$79,354.45	\$83,996.98	\$79,883.66	\$79,190.23	\$470,539.54	\$471,320.9
553																
554 LDAC	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	1 1	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991
55 LDAC amount	\$7.98	\$11.69	\$13.92	\$13.18	\$10.16	\$6.11	\$63.04	\$	\$5,823.67	\$6,125.30	\$6,401.84	\$6,776.38	\$6,444.54	\$6,388.60	\$37,960.33	\$38,023.3
556																
57 Total Bill	\$955.80	\$1,008.11	\$1,039.61	\$1,029.14	\$986.62	\$929.49	\$5,948.77	\$1	81,271.68	\$85,437.40	\$89,256.62	\$94,429.13	\$89,846.24	\$89,073.65	\$529,314.72	\$535,263.4

10tal Bill	\$955.80	\$1,008.11	\$1,039.61	\$1,029.14	\$986.62	\$929.49	\$5,948.77	\$81,271.68	\$85,437.40	\$89,256.62	\$94,429.13	\$89,846.24	\$89,073.65	\$529,314.72	\$535,263.49
658 Winter Season (Jan Apr., Nov.								Summer Seaso	on (May - Oct.)						
659 Commercial/Industrial - High An	nual Use, Load Fact	or Greater Tha	ın 90% (G-54)											,	
660 CURRENT															
661	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter	May-23	Jun-23	Jul-23	Aug-23	Sep-22	Oct-22	Summer	Total
662 average Usage (Therms)	81	118	140	133	103	62	636	58,766	61,809	64,600	68,379	65,031	64,466	383,051	383,687
663															
664 Winter:															
665 Cust. Chg	\$821.64	\$821.64	\$821.64	\$821.64	\$821.64	\$821.64	\$4,929.84								
666 Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00								
667 Tailblock	\$98.91	\$144.86	\$172.54	\$163.34	\$125.99	\$75.79	\$781.42								
668 HB Threshold															
669															
670 Summer:															
671 Cust. Chg								\$821.64	\$821.64	\$821.64	\$821.64	\$821.64	\$821.64	\$4,929.84	\$9,859.68
672 Headblock								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
673 Tailblock								\$72,187.66	\$75,926.55	\$79,354.45	\$83,996.98	\$79,883.66	\$79,190.23	\$470,539.54	\$471,320.96
674 HB Threshold															
675															
676 Total Base Rate Amount	\$920.55	\$966.50	\$994.18	\$984.98	\$947.63	\$897.43	\$5,711.26	\$73,009.30	\$76,748.19	\$80,176.09	\$84,818.62	\$80,705.30	\$80,011.87	\$475,469.38	\$481,180.64
677							4								
678 COG Rate - (Winter)	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284								
679 COG amount - Winter 680	\$98.91	\$144.86	\$172.54	\$163.34	\$125.99	\$75.79	\$781.42								
***								44 2224	44 2224	44 2224	44 2224	44 2224	44 2204	44 0004	44 2224
681 COG Rate - (Summer)								\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284	\$1.2284
682 COG amount - Summer 683								\$72,187.66	\$75,926.55	\$79,354.45	\$83,996.98	\$79,883.66	\$79,190.23	\$470,539.54	\$471,320.96
684 LDAC	40.0004	40.0004	40.0004	40.0004	40.0004	40.0004	40.0004	40,0004	40.0004	40.0004	40.0004	40.0004	40.0004	40.0004	40.0004
	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991	\$0.0991
685 LDAC amount 686	\$7.98	\$11.69	\$13.92	\$13.18	\$10.16	\$6.11	\$63.04	\$5,823.67	\$6,125.30	\$6,401.84	\$6,776.38	\$6,444.54	\$6,388.60	\$37,960.33	\$38,023.37
687 Total Bill	\$1.027.43	\$1.123.05	\$1.180.63	\$1.161.50	\$1.083.77	\$979.33	\$6,555,72	¢151 020 C2	£450 000 05	\$165,932.39	£175 501 00	£167.033.40	\$165.590.70	\$983,969,24	\$990.524.97
688	\$1,027.43	\$1,123.05	\$1,180.03	\$1,161.50	\$1,083.77	\$9/9.33	\$6,555.72	\$151,020.63	\$158,800.05	\$165,932.39	\$175,591.98	\$167,033.49	\$165,590.70	\$983,969.24	\$990,524.97
689 DIFFERENCE:															
690 Total Bill	(\$71.63)	(\$114.94)	(\$141.02)	(\$132.36)	(\$97.15)	(\$49.85)	(\$606.96)	(\$69,748.95)	(\$73,362.65)	(\$76,675.77)	(\$81,162.85)	(\$77,187.26)	(\$76,517.05)	(\$454,654.52)	(\$455,261.48)
691 % Change	-6.97%	-10.23%	-11.94%	-11.40%	-8.96%	-5.09%	-9.26%	-46.19%	-46.20%	-46.21%	-46.22%	-46.21%	-46.21%	-46.21%	-45.96%
692	-0.57%	-10.23%	-11.54%	-11.40%	-0.30%	-3.03/6	-5.20%	-40.15%	-40.20%	-40.21/6	-40.22/6	-40.21/0	-40.21/6	-40.21%	-43.30%
693 Base Rate	(\$71.63)	(\$114.94)	(\$141.02)	(\$132.36)	(\$97.15)	(\$49.85)	(\$606.96)	(\$69,748.95)	(\$73,362.65)	(\$76,675.77)	(\$81,162.85)	(\$77,187.26)	(\$76,517.05)	(\$454,654.52)	(\$455,261.48)
694 % Change	-7.78%	-11.89%	-14.18%	-13.44%	-10.25%	-5.55%	-10.63%	-95.53%	-95.59%	-95.63%	-95.69%	-95.64%	-95.63%	-95.62%	-94.61%
695	-7.76%	-11.05%	-14.10%	-13.4470	-10.2370	-5.55%	-10.03%	-55.55%	-55.55%	-33.03%	-33.03%	-33.0470	-55.05%	-33.02%	-54.01%
696 COG & LDAC	\$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
697 % Change	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%
oo, 70 change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0076	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Risk Sharing Mechanism Update DCF Analysis for Keene Phase 1 Conversion Step 2 Adjustment

Capital Cost Direct (12/31/21 Rate Base) 992,249.50 Required Return (pre tax) 8.76% Depreciation 24,806 Property tax rate (\$6.60 per \$1,000) 0.66% Insurance rate 0.10%

Risk Sharing Calculation*	
Step 2 Adjustment Take Effect September 1, 2	022
Average revenue (years 2 4)	\$18,117.00
Average revenue requirement (years 2 4)	\$110,446.18
Difference	(\$92,329.18)
Revenue Requirement Reduction (50%)	(\$46,164.59)
Less: Revenue Requirement Reduction	
previously included in base distribution rates (50%)	(\$22,164.98)
Total Incremental Revenue Requirement Reduction (50%)	(\$23,999.61)
Adjustment to Distribution (91.51%)	(\$21,962.04)
Adjustment to COG (8.49%)	(\$2.037.57)

NPV (Delta yrs 1-10, discount rate 10.15%) (\$558,547.35)

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47 48

IRS	IRS	Delta

13									į	Adjustifierit to COG	(0.4370)			(ΨΖ,031.31)	1	
16 17		IRS	IRS		Delta			Accumulated								Delta
18		MACRS	MACRS	Book	Book	Tax	Deferred	Deferred	Rate	Required	Property			Revenue		Rev Reg
19	Year	Rates	Table	Depr	less Tax	Rate	Inc Tax	Inc Tax	Base	Return	Tax	Insurance	O&M	Requirement	Annual Revenues	less Revenue
20				(40 yrs/2.5°	%)						0.66%	0.10%	\$ 35	•		
21									992,250							
22		1 5.00%	49,612	24,806	(24,806)	27.004%	(6,699)	(6,699)	960,745	\$85,508	\$6,549	\$992	\$0	\$117,855	\$18,117.00	(\$99,738.47)
23		2 9.50%	94,264	24,806	(69,457)	27.004%	(18,756)	(25,455)	917,182	\$82,221	\$6,341	\$992	\$0	\$114,361	\$18,117.00	(\$96,243.86)
24 25		3 8.55% 4 7.70%	84,837 76,403	24,806 24,806	(60,031) (51,597)	27.004% 27.004%	(16,211) (13,933)	(41,666) (55,599)	876,165 837,426	\$78,518 \$75,026	\$6,053 \$5,783	\$992 \$992	\$0 \$0	\$110,370 \$106,607	\$18,117.00 \$18,117.00	(\$92,253.19) (\$88,490.49)
					, ,											
26			68,763	24,806	(43,957)	27.004%	(11,870)	(67,469)	800,749	\$71,724	\$5,527	\$992	\$0	\$103,050	\$18,117.00	(\$84,932.87)
27		6 6.23%	61,817	24,806	(37,011)	27.004%	(9,994)	(77,464)	765,949	\$68,595	\$5,285	\$992	\$0	\$99,678	\$18,117.00	(\$81,561.32)
28		7 5.90%	58,543	24,806	(33,736)	27.004%	(9,110)	(86,574)	732,032	\$65,586	\$5,055	\$992	\$0	\$96,440	\$18,117.00	(\$78,322.99)
29		8 5.90%	58,543	24,806	(33,736)	27.004%	(9,110)	(95,684)	698,116	\$62,616	\$4,831	\$992	\$0	\$93,246	\$18,117.00	(\$75,129.21)
30		9 5.91%	58,642	24,806	(33,836)	27.004%	(9,137)	(104,821)	664,172	\$59,645	\$4,608	\$992	\$0	\$90,051	\$18,117.00	(\$71,934.25)
31	1	0 5.90%	58,543	24,806	(33,736)	27.004%	(9,110)	(113,931)	630,256	\$56,674	\$4,384	\$992	\$0	\$86,856	\$18,117.00	(\$68,739.12)
32	1	1 5.91%	58,642	24,806	(33,836)	27.004%	(9,137)	(123,068)	596,313	\$53,703	\$4,160	\$992	\$0	\$83,661	\$18,117.00	(\$65,544.17)
33	1	2 5.90%	58,543	24,806	(33,736)	27.004%	(9,110)	(132,178)	562,396	\$50,732	\$3,936	\$992	\$0	\$80,466	\$18,117.00	(\$62,349.03)
34	1	3 5.91%	58,642	24,806	(33,836)	27.004%	(9,137)	(141,315)	528,453	\$47,761	\$3,712	\$992	\$0	\$77,271	\$18,117.00	(\$59,154.08)
35	1	4 5.90%	58,543	24,806	(33,736)	27.004%	(9,110)	(150,425)	494,537	\$44,790	\$3,488	\$992	\$0	\$74,076	\$18,117.00	(\$55,958.95)
36	1	5 5.91%	58,642	24,806	(33,836)	27.004%	(9,137)	(159,562)	460,593	\$41,819	\$3,264	\$992	\$0	\$70,881	\$18,117.00	(\$52,763.99)
37	1	6 2.95%	29,271	24,806	(4,465)	27.004%	(1,206)	(160,768)	434,581	\$39,194	\$3,040	\$992	\$0	\$68,032	\$18,117.00	(\$49,914.94)
38	1	7		24,806	24,806	27.004%	6,699	(154,070)	416,474	\$37,262	\$2,868	\$992	\$0	\$65,929	\$18,117.00	(\$47,811.57)
39	1	8		24,806	24,806	27.004%	6,699	(147,371)	398,366	\$35,676	\$2,749	\$992	\$0	\$64,223	\$18,117.00	(\$46,106.45)
40	1	9		24,806	24,806	27.004%	6,699	(140,672)	380,259	\$34,091	\$2,629	\$992	\$0	\$62,518	\$18,117.00	(\$44,401.33)
41	2	0		24,806	24,806	27.004%	6,699	(133,974)	362,151	\$32,505	\$2,510	\$992	\$0	\$60,813	\$18,117.00	(\$42,696.21)
42	2	1						, ,								,
43		Approved F	Rate of Return p	er DG 20-1	05 Pr	e-Tax WACC	Tax Rate									
44		Return	52.00%	9.30%			27.004%									
45		Debt	48.00%	4.42%	4.42%	2.12%										

Return 52.00% 12.74% 6.64% 27.004% 9.30% Debt 48.00% 4.42% 4.42% 2.12% 8.76%

^{*}Risk sharing calculation per Order No. 26,122 (April 27, 2018) at 39-40 and Order No. 26,294 (July 26, 2019) beginning at page 11