

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty

DG 22-045
Winter 2022-2023 Cost of Gas Reconciliation

New Hampshire Public Utilities Commission Record Requests – Set 1

Date Request Received: 9/1/23
Request No: RR 1

Date of Response: 10/18/2023
Respondent: James Bonner

REQUEST:

Provide a proof showing that the number of customers and allowed and actual Revenue per Customer (RPC) yield the same result as the Company's filing. To do this:

- a. Show the analysis that takes Liberty from its revenue requirement in the rate case (2019 test year) to the "base revenue" that is used for the RPC calculation;
- b. Show how the "base revenue" was divided into the component pieces (residential, etc.) in 2019.
- c. Show the "base revenue" from 2019 to present in total, and include each component (residential, etc).
- d. Beginning with the 2019 test year, by month, provide the number of customers (both allowed and actual), the RPC (both allowed and actual), and the UPC (usage per customer);
 - i. Do this for residential customers with a separate analysis for C&I customers (as requested by the New Hampshire Department of Energy).

RESPONSE:

- a. The Revenue Per Customer for Test Year 2019 in Docket DG 20-105 general rate case was developed as follows:
 - i. In DG 20-105, the Total Approved Revenue per Settlement for the Test Year was \$96,183,913 [Settlement Agreement on Permanent Rates, dated 6/29/2021 at 4] of which the Approved Distribution Revenue (Target Revenue) was \$91,082,950. See Attachment 22-045 RR 1.1, lines 11 & 12.
 - ii. The Target Revenue of \$91,082,950 was used to develop the base distribution rates in Attachment 22-045 RR 1.2A. The base rates developed in this attachment include the Rate R-4 discount within Rate R-3. See Attachment 22-045 RR 1.2A, p. 1, line 93. The base rates for each Rate Schedule are then developed and then checked against the Revenue Target. See Attachment 22-045 RR 1.2A, p. 3, line(s) 97, 130-135, & 143. Rate R-4 is developed

separately in a workpaper to Attachment 22-045 RR 1.2A. See Attachment 22-045 RR 1.2B, lines 22, 33 & 42.

- iii. The base rates developed in (ii) above including the low-income rates at their discount level are multiplied by their corresponding billing determinant for Test Year 2019. Customer charges are multiplied by equivalent bills to yield Customer Revenue, volumetric charges are multiplied by headblock or tailblock weather-normalized therm values as appropriate to yield Headblock and Tailblock Revenues. The sum of the Customer, Headblock, and Tailblock Revenues is the Base Distribution Revenue. All calculations are done by rate class by month and summarized into Residential, Commercial, and Seasonal categories. The Base Distribution Revenue determined in this manner will not include the low-income discount. Thus, the sum of the Base Distribution Revenue of \$89,889,944 plus \$1,193,006 equals the Target Revenue of \$91,082,950. See Attachment 22-045 RR 1.3A, p. 6, lines 374, 381 & 383.
- iv. The same calculation performed in (iii) above is reperformed with just two changes. First, the Managed Expansion Program ("MEP") rates (Rates R-5, R-6, R-7, G-44, G-45, G-46, G-55, G-56, G-57, and G-58) are replaced with their companion parent rates (Rates R-1, R-3, R-4, G-41, G-42, G-43, G-51, G-52, G-53, and G-54). Second, the discounted low-income base rates (Rates R-4 and R-7) are replaced with Rate R-3 base rates. See Attachment 22-045 RR 1.3B, p. 1, lines 43-47, 53-55 & 60-53; p. 3, lines 137-140, 146-148 & 153-156; and p. 4, lines 228-231, 237-239 & 244-247. The recalculation produces the Target RPC Revenue of \$91,000,020. Attachment 22-045 RR 1.3B, p.7, line 396.

The Target RPC Revenue of \$91,000,020 is equal to Target Revenue of \$91,082,950 less the MEP Premium of \$82,930 (Attachment 22-045 RR 1.3A, p. 7, line 401). The MEP Premium is not subject to revenue decoupling and is not included in the determination of the Revenue Per Customer.

The recalculated Base Distribution Revenue by rate class by month is divided by the same equivalent bills by rate class by month used to price out the Customer Charge to produce the Revenue Per Customer by rate class by month. These calculations are also summarized into Residential, Commercial, and Total categories. See Attachment 22-045 RR 1.3B, p. 7, lines 381-396, 402-417 & 423-438.

- v. Attachment 22-045 RR 1.4 is a copy of Appendix 7 of the Docket DG 20-105 Settlement Agreement on Permanent Rates, dated 6/29/2020. The Revenue Per Customer by rate class by month match the same values for the Permanent Rates from Appendix 7. Only the Permanent Rates were approved effective 8/1/2021 in Order No. 26,505 in Docket DG 20-105, dated 7/30/2021. The Step Increase was postponed to a later date.
- b. See Attachment 22-045 RR 1.3B, p. 7, lines 384 & 394.
 - c. See Part (d) below.

- d. The purpose of the requested analysis in Parts (c) and (d) is to quantify the actual base revenues, actual RPC, the variance between the allowed RPC and actual RPC, and to associate them with changes in usage as measured by the average Use Per Customer ("UPC"). The analysis can only be done correctly by assuring that the RPC's and the equivalent bill counts used to compute the UPC are all on the same time basis; otherwise, the actual RPC and UPC will capture the effect of the different time bases as well as the effect of usage in the calculation which will obscure rather than shed light on the effect of usage over time. All determinants and RPC's must be on a calendar year weather-normalized basis, and the low-income and MEP rate adjustments must be made to the actual side of the calculations.

The only time period over which the allowed RPC approved in Docket DG 20-105 that used the test year 2019 billing determinants in their computation is August 1, 2021 through July 31, 2022. The allowed RPC's from January 1, 2019 through July 31, 2019 were predicated on test year 2016 billing determinants in Docket DG 17-048. The allowed RPC's from August 1, 2022 to date are predicated on test years 2020 and 2021 billing determinants in addition to test year 2019 determinants. Further, the period September 1, 2022 through August 31, 2023 lie wholly within Decoupling Year 6, which outside the scope of the proceeding.

Attached in Attachment 22-045 RR 1.5 is the requested analysis from August 2021 through July 2022.

	A	B	C	D
	Proposed Approved Revenue Calculation			
1	Distribution Revenue (\$84,591,458+\$2,106,802)	\$ 86,698,260		(Exhibit 5, line 1+3)
2	Indirect COG Revenue	\$ 1,993,587		(Fixed Indirect)
3	Other Revenue	\$ 1,197,776		(Exhibit 5, line 5)
4	Total Approved Revenue from Test Year		\$ 89,889,623	(B1+B2+B3)
5	Increase to Distribution Revenue via Temp Rates Settlement	\$ 4,994,290		(Exhibit 5, line 2+4)
6	Total Approved Revenue After Temp Rates Settlement		\$ 94,883,913	(C4+B5)
7	Order 26,412 did not include COG of \$1,993,587	\$ (1,993,587)		Existing Indirect COG Allocation
8	Temp Rate Order 26,412 rev requirement for temp rates		\$ 92,890,326	(C6+B7) Temp Rate Order 26,412
9	Settlement Increase to Approved Rev above Temp Rates	\$ 1,300,000		Perm Rates Settlement Agreement
10	Total Proposed Approved Revenue Increase from Test Year	\$ 6,294,290		(B5+B9)
11	Total Approved Revenue per Settlement for the Test Year		\$ 96,183,913	(C6+B9)
12	Approved Distrib Revenue (Target Revenue on Rates 5)	\$ 91,082,950		(C11-B13-B14) (tie to Rates 5)
13	Approved Indirect COG Revenue	\$ 3,893,587		(B17)
14	Other Revenue	\$ 1,207,376		(B3+\$9,600 from Audit Issue 6)
	Proposed Approved Revenue Allocation			
15	Total Increase in Approved Revenue	\$ 6,294,290		(B5+B9)
16	Amount of increase allocated to Indirect COG 11/1/21*	\$ 1,900,000		Perm Rates Settlement (COSS)
17	Total Indirect COG Revenue	\$ 3,893,587		(B16-B7)
18	Remainder of increase allocated to Dist Rates	\$ 4,394,290		(B15-B16)
19	Adj to Rates (Permanent Increase less Temp Increase)	\$ (600,000)		(B18-B5)
20	Total Revenue Increase Above Temp per Settlement	\$ 1,300,000		(B16+B19)
21	Indirect COG increase to be Allocated to EN & Keene	\$ 1,900,000		(B16)
22	Indirect COG Allocation to Keene (Production Cost)*	\$ 208,129		Perm Rates Settlement Agreement
23	Indirect COG Allocation to Energy North*	\$ 1,691,871		(B21-B22)
	*Reconciled to 10/1/2020			

The Company shall be allowed a Revenue Requirement increase of \$6,294,290, which is a \$1.3 million increase above the level provided by temporary rates. Based on the cost of service study the Settling Parties agree that \$1,900,000 of the \$6,265,231 revenue increase shall be applied to the next COG proceeding as described in Section 13.3, effective for service rendered on and after November 1, 2021. In addition, a surcharge shall be added through the LDAC to reconcile this \$1,900,000 addition to the Indirect COG Revenue back to the effective date of temporary rates of October 1, 2020. The remaining \$4,394,290 in revenue requirement shall be collected from distribution rates effective for service rendered on and after August 1, 2021, to be reconciled back to October 1, 2020, the effective date of temporary rates, consistent with Order No. 26,412 (Sept.

Liberty Utilities (EnergyNorth Natural Gas) Corp.
Rate Design Analysis and Calculations

Line	(A)	Residential						Commercial and Industrial: Low Load Factor						Commercial and Industrial: High Load Factor						Company Total
		Non Heat	MEP Non Heat	Heat	MEP Heat	Low Annual	MEP Low Annual	Medium Annual	MEP Medium Annual	High Annual	MEP High Annual	Low Annual	MEP Low Annual	Medium Annual	MEP Medium Annual	High Annual	MEP High Annual			
		R-1	R-5	R-3/R-4	R-6/R-7	G-41	G-44	G-42	G-45	G-43	G-46	G-51	G-55	G-52	G-56	G-53	G-57			
		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	
1	A. Proforma Revenues at Current Rates																			
2	Winter																			
3	Winter Customer Revenues	\$321,303	\$6,470	\$7,345,156	\$17,843	\$3,272,032	\$1,163	\$1,459,199	\$6,775	\$241,407	\$25,968	\$449,982	\$1,352	\$402,287	\$0	\$158,191	\$0	\$123,675	\$5,972	
4	Winter Volumetric Revenues	\$187,090	\$5,981	\$29,385,443	\$100,679	\$7,560,129	\$3,738	\$9,383,118	\$45,186	\$2,281,201	\$0	\$522,254	\$812	\$1,140,842	\$0	\$1,064,785	\$0	\$511,352	\$13,817	
5	Summer																			
6	Summer Customer Revenues	\$325,774	\$7,629	\$7,386,820	\$22,697	\$3,172,245	\$1,228	\$1,473,239	\$7,313	\$227,276	\$37,509	\$457,367	\$1,374	\$412,020	\$0	\$156,364	\$0	\$121,035	\$6,071	
7	Summer Volumetric Revenues	\$92,790	\$1,824	\$6,068,156	\$22,573	\$1,072,258	\$738	\$1,971,895	\$11,660	\$300,902	\$0	\$339,459	\$175	\$516,586	\$0	\$346,128	\$0	\$357,802	\$5,288	
8	Revenues at current rates	\$926,957	\$21,903	\$50,185,575	\$163,791	\$15,076,664	\$6,866	\$14,287,450	\$70,935	\$3,050,786	\$63,477	\$1,769,061	\$3,714	\$2,471,735	\$0	\$1,725,468	\$0	\$1,113,864	\$31,148	
9	EOY Revenue Adjustment																			
10	EOY Revenue Adjustment	(\$6,584)	\$0	\$382,620	\$0	\$144,750	\$0	\$151,526	\$0	\$53,663	\$0	(\$6,972)	\$0	\$38,522	\$0	(\$7,075)	\$0	\$0	\$0	
11																				
12																				
13																				
14																				
15																				
16	Adjusted Base Revenues	920,373	21,903	50,568,195	163,791	\$15,221,413	\$6,866	\$14,438,976	\$70,935	\$3,104,449	\$63,477	\$1,762,089	\$3,714	\$2,510,257	\$0	\$1,718,393	\$0	\$1,113,864	\$31,148	
17	B. Billing Determinants																			
18	Customer Bill Count																			
19	Winter	20,729	321	473,881	886	56,945	16	8,465	30	326	27	7,831	18	2,334	0	208	0	162	6	
20	Summer	21,018	379	476,569	1,126	55,208	16	8,546	33	307	39	7,960	18	2,390	0	205	0	159	6	
21	Total	41,747	700	950,450	2,012	112,152	32	17,010	63	634	66	15,791	36	4,724	0	413	0	321	12	
22	EOY Customer Bill Count Adjustment																			
23	Winter	(161)	0	3,529	0	455	0	100	0	6	0	(26)	0	41	0	(0)	0	0	0	
24	Summer	(126)	0	3,764	0	816	0	120	0	11	0	(42)	0	34	0	(2)	0	0	0	
25	Total	(286)	0	7,292	0	1,271	0	221	0	16	0	(68)	0	75	0	(2)	0	0	0	
26	Adjusted Customer Bill Count																			
27	Winter	20,569	321	477,410	886	57,400	16	8,565	30	332	27	7,806	18	2,374	0	207	0	162	6	
28	Summer	20,892	379	480,333	1,126	56,024	16	8,666	33	318	39	7,918	18	2,424	0	203	0	159	6	
29	Total	41,461	700	957,742	2,012	113,424	32	17,231	63	650	66	15,723	36	4,798	0	411	0	321	12	
30																				
31	Delivery Quantities (Weather Normalized, Calendarized)																			
32	Winter Volumes																			
33	Headblock	484,690	11,918	51,753,158	136,395	4,726,945	1,312	8,070,452	29,152	8,663,887	0	549,348	693	2,253,190	0	6,245,076	0	7,866,954	163,520	
34	Tailblock	0	0			16,850,759	7,131	20,755,644	78,004	0	0	1,984,256	2,318	3,640,943	0	0	0	0	0	
35	Winter EOY Adjustment																			
36	Headblock	(4,108)	0	372,444	0	33,478	0	83,266	0	124,301	0	(1,801)	0	37,130	0	(11,829)	0	0	0	
37	Tailblock	0	0			126,054	0	183,774	0	0	0	(6,278)	0	59,430	0	0	0	0	0	
38	Winter Adjusted Volumes																			
39	Headblock	480,581	11,918	52,125,602	136,395	4,760,423	1,312	8,153,718	29,152	8,788,188	0	547,547	693	2,290,320	0	6,233,247	0	7,866,954	163,520	
40	Tailblock	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	
41	Summer Volumes																			
42	Headblock	240,388	3,635	10,687,136	30,580	668,140	279	2,333,283	10,153	2,499,183	0	485,738	402	2,001,334	0	4,231,394	0	10,136,028	115,234	
43	Tailblock	0	0			2,393,357	1,378	3,405,661	16,160	0	0	1,091,861	112	1,623,007	0	0	0	0	0	
44	Summer EOY Adjustment																			
45	Headblock	(1,454)	0	81,371	0	9,353	0	30,864	0	73,922	0	(2,043)	0	26,041	0	(39,193)	0	0	0	
46	Tailblock	0	0			36,717	0	42,528	0	0	0	(4,547)	0	23,093	0	0	0	0	0	
47	Summer Adjusted Volumes																			
48	Headblock	238,935	3,635	10,768,507	30,580	677,493	279	2,364,147	10,153	2,573,105	0	483,696	402	2,027,375	0	4,192,201	0	10,136,028	115,234	
49	Tailblock	0	0			2,430,074	1,378	3,448,189	16,160	0	0	1,087,314	112	1,646,101	0	0	0	0	0	
50	Total Volumes	719,516	15,553	62,894,109	166,976	24,844,803	10,101	34,905,472	133,489	11,361,293	0	4,096,535	3,625	9,664,169	0	10,425,448	0	18,002,982	278,754	
51	C. CLASS REVENUE TARGETS																			
52	MCS Results																			
53	Total Delivery Service Marginal Costs																			
54	Total Customer-related Marginal Costs	\$2,384,370		\$52,763,822		\$6,568,732		\$1,731,349		\$152,565		\$2,596,697		\$489,356		\$179,972		\$78,117		
55	Total Capacity-related Marginal Costs	\$185,977		\$27,106,550		\$11,873,915		\$14,367,375		\$4,117,346		\$859,921		\$1,967,210		\$2,109,601		\$1,215,735		
56	Total Class Marginal Costs	\$2,570,346		\$79,870,372		\$18,442,647		\$16,098,724		\$4,269,911		\$3,456,617		\$2,456,566		\$2,289,573		\$1,293,852		
57																				
58	Delivery Service Unit Costs - Marginal Unit Costs																			
59	Customer Costs	3.572		1.270		0.742		0.461		0.376		0.844		0.254		0.220		0.072		
60	Capacity-Related Costs	\$55.99		\$55.34		\$58.55		\$101.41		\$218.11		\$164.06		\$103.60		\$435.63		\$234.19		
61		\$0.2494		\$0.4276		\$0.4754		\$0.4088		\$0.3649		\$0.2081		\$0.2057		\$0.2005		\$0.0665		
62																				
63	Revenue target																		91,082,950	
64																				
65	Difference: Revenue Requirement - Total Marginal Costs																		(39,665,660)	
66	Equi-proportional Adjustment Factor																		-30.34%	
67	Equi-proportional Adjustment Customer	(\$723,355)		(\$16,007,144)		(\$1,992,779)		(\$525,245)		(\$46,284)		(\$787,769)		(\$148,458)		(\$54,599)		(\$23,699)		
68	Equi-proportional Adjustment Capacity-Related	(\$56,420)		(\$8,223,408)		(\$3,602,231)		(\$4,358,680)		(\$1,249,094)		(\$260,877)		(\$596,799)		(\$639,997)		(\$368,822)		
69	Marginal Cost Constrained to Allowed Revenues	(\$779,775)		(\$24,230,552)		(\$5,595,010)		(\$4,883,926)		(\$1,295,378)		(\$1,048,646)		(\$745,257)		(\$694,596)		(\$392,520)		
70																				
71	Delivery Service Revenue - Equi-Proportional Revenue Requirement																			
72	Total Customer Marginal Costs	\$1,661,015		\$36,756,678		\$4,575,953		\$1,206,103		\$106,281		\$1,808,928		\$340,899		\$125,373		\$54,		

Liberty Utilities (EnergyNorth Natural Gas) Corp.
Rate Design Analysis and Calculations

Line	(A)	Explanation (U)
1	A. Proforma Revenues at Current Rates	
2	Winter	
3	Winter Customer Revenues	Company Records
4	Winter Volumetric Revenues	Company Records
5	Summer	
6	Summer Customer Revenues	Company Records
7	Summer Volumetric Revenues	Company Records
8	Revenues at current rates	Line 3 + Line 4 + Line 6 + Line 7
9	EOY Revenue Adjustment	
10	EOY Revenue Adjustment	RATES-5 WP - EOY Adjustment
11		
12		
13		
14		
15		
16	Adjusted Base Revenues	Line 8 + Line 10 + Line 14
17	B. Billing Determinants	
18	Customer Bill Count	
19	Winter	Company Records
20	Summer	Company Records
21	Total	Line 19 + Line 20
22	EOY Customer Bill Count Adjustment	
23	Winter	RATES-5 WP - EOY Adjustment
24	Summer	RATES-5 WP - EOY Adjustment
25	Total	Line 23 + Line 24
26	Adjusted Customer Bill Count	
27	Winter	Line 19 + Line 23
28	Summer	Line 20 + Line 24
29	Total	Line 27 + Line 28
30		
31	Delivery Quantities (Weather Normalized, Calendarized)	
32	Winter Volumes	
33	Headblock	Company Records
34	Tailblock	Company Records
35	Winter EOY Adjustment	
36	Headblock	RATES-5 WP - EOY Adjustment
37	Tailblock	RATES-5 WP - EOY Adjustment
38	Winter Adjusted Volumes	
39	Headblock	Line 33 + Line 36
40	Tailblock	Line 34 + Line 37
41	Summer Volumes	
42	Headblock	Company Records
43	Tailblock	Company Records
44	Summer EOY Adjustment	
45	Headblock	RATES-5 WP - EOY Adjustment
46	Tailblock	RATES-5 WP - EOY Adjustment
47	Summer Adjusted Volumes	
48	Headblock	Line 42 + Line 45
49	Tailblock	Line 43 + Line 46
50	Total Volumes	Line 39 + Line 40 + Line 48 + Line 49
51	C. CLASS REVENUE TARGETS	
52	MCS Results	
53	Total Delivery Service Marginal Costs	
54	Total Customer-related Marginal Costs	Marginal Annual Revenues from MCS
55	Total Capacity-related Marginal Costs	Marginal Annual Revenues from MCS
56	Total Class Marginal Costs	Line 54 + Line 55
57		
58	Delivery Service Unit Costs - Marginal Unit Costs	Line 56 / Line 50
59	Customer Costs	Marginal Unit Costs from MCS
60	Capacity-Related Costs	Marginal Unit Costs from MCS
61		
62	Revenue target	RATES-5 WP - Reconciliations
63		
64	Difference: Revenue Requirement - Total Marginal Costs	Line 62 - Line 56
65	Equi-proportional Adjustment Factor	Line 64 / Line 56
66	Equi-proportional Adjustment Customer	Line 54 * Line 65
67	Equi-proportional Adjustment Capacity-Related	Line 55 * Line 65
68	Marginal Cost Constrained to Allowed Revenues	Line 66 + Line 67
69		
70	Delivery Service Revenue - Equi-Proportional Revenue Requirement	
71	Total Customer Marginal Costs	Line 54 + Line 66
72	Total Capacity-Related Marginal Costs	Line 55 + Line 67
73	Total	Line 71 + Line 72
74		
75	Delivery Service Unit Costs - Equi-Proportional Revenue Requirement	
76	Customer Costs	Line 59 * Line 65
77	Distribution Volumetric Costs	Line 60 * Line 65
78	Preliminary Class Revenue Targets	
79	Proforma Revenues, Adjusted	Line 16
80	Grouped class total revenues	7 customer revenues for grouped classes
81	Potential class grouping revenue requirement change from MCOS	
82	Potential increase/(decrease) based on MCOS	Line 73 - Line 80
83	Potential increase/(decrease), %	Line 82 / Line 80
84		
85	System-wide Average Increase	(Line 62 / Line 79) - 1
86	Preliminary grouped class revenue target	Line 80 * (1 + Line 85)
87		
88	Consistency consideration: Class target revenues	
89	Change to preliminary class revenue target	Input
90	Adjustment	Line 89 * Line 86
91	Allocator	Line 50 or 0
92	Allocated target change	Line 90, Col (V) / Line 91, Col (V) * Line 91
93	Adjusted preliminary grouped class revenue target	Line 86 + Line 90 + Line 92

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Rate Design Analysis and Calculations

Line		Residential				Commercial and Industrial: Low Load Factor								Commercial and Industrial: High Load Factor								Company Total
		Non Heat R-1 (B)	MEP Non Heat R-5 (C)	Heat R-3/R-4 (D)	MEP Heat R-6/R-7 (E)	Low Annual G-41 (F)	MEP Low Annual G-44 (G)	Medium Annual G-42 (H)	MEP Medium Annual G-45 (I)	High Annual G-43 (J)	MEP High Annual G-46 (K)	Low Annual G-51 (L)	MEP Low Annual G-55 (M)	Medium Annual G-52 (N)	MEP Medium Annual G-56 (O)	High Annual G-53 (P)	MEP High Annual G-57 (Q)	High Annual G-54 (R)	MEP High Annual G-58 (S)			
94	D. RATE DESIGN																					
95	Current customer charge	\$15.50	\$20.15	\$15.50	\$20.15	\$57.46	\$74.70	\$172.39	\$224.11	\$739.83	\$961.78	\$57.46	\$74.70	\$172.39	\$224.11	\$761.39	\$969.81	\$761.39	\$969.81			
96	Customer charge increase	-0.69%	-0.69%	-0.69%	-0.69%	-0.69%	-0.69%	-0.69%	-0.69%	-0.69%	-0.69%	-0.69%	-0.69%	-0.69%	-0.69%	-0.69%	-0.69%	-0.69%	-0.69%			
97	Proposed Customer Charge	\$15.39	\$20.01	\$15.39	\$20.01	\$57.06	\$74.18	\$171.19	\$222.55	\$734.69	\$955.10	\$57.06	\$74.18	\$171.19	\$222.55	\$756.10	\$982.93	\$756.10	\$982.93			
98																						
99	Customer Charge Revenue, Proposed Customer Charge																					
100	Winter Period Customer Revenues	\$316,599	\$6,425	\$7,348,465	\$17,719	\$3,275,300	\$1,155	\$1,466,233	\$6,728	\$243,894	\$25,788	\$445,391	\$1,343	\$406,463	\$0	\$156,714	\$0	\$122,816	\$5,930			
101	Summer Period Customer Revenues	\$321,579	\$7,576	\$7,393,457	\$22,539	\$3,196,775	\$1,219	\$1,483,602	\$7,263	\$233,485	\$37,249	\$451,801	\$1,365	\$414,995	\$0	\$153,816	\$0	\$120,195	\$6,029			
102	Base Rate Total Customer Charge revenue	\$638,178	\$14,001	\$14,741,922	\$40,258	\$6,472,076	\$2,374	\$2,949,835	\$13,991	\$477,379	\$63,037	\$897,192	\$2,708	\$821,458	\$0	\$310,531	\$0	\$243,011	\$11,959			
103	RLIAP discount recovery (through LDAC)																					
104	Total Customer Charge revenue (including MEP)	\$652,179		\$14,782,180		\$6,474,449		\$2,963,826		\$540,416		\$899,900		\$821,458		\$310,531		\$254,970				
105	Preliminary required class revenue from volumetric sales	\$283,555		\$35,597,527		\$8,648,086		\$11,445,330		\$2,605,513		\$853,641		\$1,671,368		\$1,395,930		\$882,091				
106																						
107	Consistency consideration: MCOS Convergence																					
108	Constraint on adjustment for MCOS (+/-)	15.00%		15.00%		15.00%		15.00%		15.00%		15.00%		15.00%		15.00%		15.00%				
109	Pro Rate class target revenue increase	(\$6,543)		(\$352,278)		(\$105,744)		(\$100,755)		(\$21,998)		(\$12,262)		(\$17,431)		(\$11,932)		(\$7,951)				
110	Max class target revenue increase per consistency consideration	(\$7,525)		(\$405,119)		(\$121,605)		(\$115,860)		(\$25,297)		(\$14,101)		(\$20,046)		(\$13,722)		(\$9,143)				
111	Min class target revenue increase per consistency consideration	(\$5,562)		(\$299,436)		(\$89,882)		(\$85,642)		(\$18,698)		(\$10,422)		(\$14,816)		(\$10,142)		(\$6,758)				
112	MCOS class target revenue increase	\$848,295		\$4,907,834		(\$2,380,642)		(\$3,295,113)		(\$193,393)		\$642,169		(\$798,948)		(\$123,415)		(\$243,680)				
113	Constrained class revenue target change	(\$7,525)		(\$405,119)		(\$89,882)		(\$85,642)		(\$18,698)		(\$14,101)		(\$14,816)		(\$10,142)		(\$6,758)				
114																						
115	Preliminary grouped class revenue target, adjusted for MCOS	\$934,752		\$50,326,866		\$15,138,397		\$14,424,269		\$3,149,228		\$1,751,702		\$2,495,441		\$1,708,250		\$1,138,254				
116	Net revenue impact																					
117	Adjustment to retain revenue neutrality	\$1,755		\$1,755		\$1,755		\$1,755		\$1,755		\$1,755		\$1,755		\$1,755		\$1,755				
118	Grouped class revenue target, adjusted for MCOS	\$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				
119	Required revenue from volumetric, adjusted for MCOS	\$284,328		\$35,546,440		\$8,665,702		\$11,462,198		\$2,610,567		\$853,556		\$1,675,738		\$1,399,474		\$885,039				
120																						
121	Volumetric Rate Ratios - current tariff																					
122	Tailblock/Headblock ratio																					
123	Winter	100.00%		100.00%		67.18%		66.64%		100.00%		65.02%		66.58%		100.00%		100.00%				
124	Summer	100.00%		100.00%		67.18%		66.64%		100.00%		65.02%		66.82%		100.00%		100.00%				
125																						
126	Summer/Winter ratio																					
127	Headblock	100.00%		100.00%		100.00%		100.00%		45.73%		100.00%		72.45%		47.98%		54.31%				
128	Tailblock	100.00%		100.00%		100.00%		100.00%		45.73%		100.00%		61.82%		47.98%		54.31%				
129																						
130	Winter Volumetric Rates																					
131	Headblock	\$0.3844	\$0.4997	\$0.5632	\$0.7322	\$0.4688	\$0.6094	\$0.4261	\$0.5539	\$0.2620	\$0.3406	\$0.2819	\$0.3665	\$0.2428	\$0.3157	\$0.1697	\$0.2207	\$0.0648	\$0.0842			
132	Tailblock	\$0.3844	\$0.4997	\$0.5632	\$0.7322	\$0.4688	\$0.6094	\$0.4261	\$0.5539	\$0.2620	\$0.3406	\$0.1833	\$0.2383	\$0.1617	\$0.2102	\$0.1697	\$0.2207	\$0.0648	\$0.0842			
133	Summer Volumetric Rates																					
134	Headblock	\$0.3844	\$0.4997	\$0.5632	\$0.7322	\$0.4688	\$0.6094	\$0.4261	\$0.5539	\$0.1198	\$0.1557	\$0.2819	\$0.3665	\$0.1759	\$0.2287	\$0.0814	\$0.1059	\$0.0352	\$0.0457			
135	Tailblock	\$0.3844	\$0.4997	\$0.5632	\$0.7322	\$0.3149	\$0.4094	\$0.2839	\$0.3691	\$0.1198	\$0.1557	\$0.1833	\$0.2383	\$0.1000	\$0.1300	\$0.0814	\$0.1059	\$0.0352	\$0.0457			
136																						
137																						
138																						
139	Class volumetric revenue	\$276,556	\$7,771	\$35,424,180	\$122,260	\$8,661,249	\$4,454	\$11,405,663	\$56,535	\$2,610,567	\$0	\$852,576	\$980	\$1,675,738	\$0	\$1,399,474	\$0	\$866,002	\$19,036			
140	Total volumetric revenue (Base plus MEP)	\$284,328		\$35,546,440		\$8,665,702		\$11,462,198		\$2,610,567		\$853,556		\$1,675,738		\$1,399,474		\$885,039				
141	Over/(under)/recovery	\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0				
142	E. CHECK																					
143	Revenue Target	\$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				
144	Customer Revenue	\$652,179		\$14,782,180		\$6,474,449		\$2,963,826		\$540,416		\$899,900		\$821,458		\$310,531		\$254,970				
145	Volumetric Revenue	\$284,328		\$35,546,440		\$8,665,702		\$11,462,198		\$2,610,567		\$853,556		\$1,675,738		\$1,399,474		\$885,039				
146	Check	\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0				
147																						

Liberty Utilities (EnergyNorth Natural Gas) Corp.
Rate Design Analysis and Calculations

Line	(A)	Explanation (U)
94	D. RATE DESIGN	
95	Current customer charge	Line 3 + Line 6 / Line 21
96	Customer charge increase	Line 95
97	Proposed Customer Charge	(Line 95) x (1 + Line 96)
98		
99	Customer Charge Revenue, Proposed Customer Charge	Line 19 * Line 97
100	Winter Period Customer Revenues	Line 20 * Line 97
101	Summer Period Customer Revenues	Line 100 + Line 101
102	Base Rate Total Customer Charge revenue	[Price difference] * Line 29
103	RLIAP discount recovery (through LDAC)	Σ customer revenues for grouped classes
104	Total Customer Charge revenue (including MEP)	Line 93 - Line 104
105	Preliminary required class revenue from volumetric sales	
106		
107	Consistency consideration: MCOS Convergence	
108	Constraint on adjustment for MCOS (+/-)	Input
109	Pro Rata class target revenue increase	Line 93 - Line 80
110	Max class target revenue increase per consistency consideration	(1 + Line 108) * Line 109
111	Min class target revenue increase per consistency consideration	(1 - Line 108) * Line 109
112	MCOS class target revenue increase	Line 82
113	Constrained class revenue target change	Line 110, Line 111, or Line 112
114		
115	Preliminary grouped class revenue target, adjusted for MCOS	Line 113 + Line 86
116	Net revenue impact	Line 115 - Line 73
117	Adjustment to retain revenue neutrality	Line 116, Column (V) / 9
118	Grouped class revenue target, adjusted for MCOS	Line 115 + Line 117
119	Required revenue from volumetric, adjusted for MCOS	Line 118 - Line 104
120		
121	Volumetric Rate Ratios - current tariff	
122	Tailblock/Headblock ratio	
123	Winter	Current tariff
124	Summer	Current tariff
125		
126	Summer/Winter ratio	
127	Headblock	Current tariff
128	Tailblock	Current tariff
129		
130	Winter Volumetric Rates	
131	Headblock	Goal seek
132	Tailblock	Line 123 * Line 131
133	Summer Volumetric Rates	
134	Headblock	Line 127 * Line 131
135	Tailblock	Line 128 * Line 132
136		
137		
138		
139	Class volumetric revenue	Line 39 * Line 131 + Line 40 * Line 132 + Line 48 * Line 134 + Line 49 * Line 135
140	Total volumetric revenue (Base plus MEP)	Σ volumetric revenues for related classes
141	Over/under/recovery	Line 140 - Line 119
142	E. CHECK	
143	Revenue Target	
144	Customer Revenue	
145	Volumetric Revenue	
146	Check	
147		

1	Inputs to RATES-5									
2		Winter		Summer			Winter		Summer	
3		Customers	Volumes	Customers	Volumes		Customers	Volumes	Customers	Volumes
4	R3	438,281	47,979,070	442,683	9,923,798	R6	875	134,921	1,108	30,287
5	R4	35,600	3,774,088	33,886	763,337	R7	11	1,474	18	293
6	Total	473,881	51,753,158	476,569	10,687,136	Total	886	136,395	1,126	30,580
7	Rate (current)	\$15.50	\$0.5678	\$15.50	\$0.5678	Rate	\$20.15	\$0.7381	\$20.15	\$0.7381
8	Revenues	\$7,345,156	\$29,385,443	\$7,386,820	\$6,068,156	Revenues	\$17,843	\$100,679	\$22,697	\$22,573
9										
10										
11	Value of GAP discount									
12		Winter		Summer			Winter		Summer	
13		R4	R7	R4	R7		R4	R7	R4	R7
14										
15	Customers	35,600	11	33,886	18					
16	EOY adjustment	(329)	0	(158)	0					
17	Adjusted customers	35,271	11	33,728	18					
18										
19	Undiscounted customer rate	\$15.39	\$20.01	\$15.39	\$20.01					
20	Undiscounted customer revenues	\$542,903	\$220	\$519,157	\$362					
21	GAP discount rate	45%	45%	0%	0%					
22	Discounted customer rate	\$8.47	\$11.01	\$15.39	\$20.01					
23	Discounted customer revenues	\$298,597	\$121	\$519,157	\$362	\$817,754		\$483		
24	Value of customer discount	\$244,307	\$99	\$0	\$0	\$244,307		\$99		
25										
26	Volumes	3,774,088	1,474	763,337	293					
27	EOY adjustment	(33,342)	0	(3,478)	0					
28	Adjusted volumes	3,740,746	1,474	759,859	293					
29										
30	Base distribution rate	\$0.5632	\$0.7322	\$0.5632	\$0.7322					
31	Undiscounted distribution revenues	\$2,106,920	\$1,080	\$427,979	\$214					
32	GAP discount rate	45%	45%	0%	0%					
33	Discounted distribution rate	\$0.3098	\$0.4027	\$0.5632	\$0.7322					
34	Discounted distribution revenues	\$1,158,806	\$594	\$427,979	\$214	\$1,586,786		\$808		
35	Value of distribution discount	\$948,114	\$486	\$0	\$0	\$948,114		\$486		
36										
37	Undiscounted COG	\$0.6050	\$0.6050	\$0.6050	\$0.6050					
38	GAP discount rate	45%	45%	0%	0%					
39	Discounted COG	\$0.33	\$0.33	\$0.61	\$0.61					
40	Value of COG discount	\$1,018,418	\$401	\$0	\$0					
41										
42	Total discount value	\$2,211,825				\$1,193,006				
43	Total system volumes	177,522,724				177,522,724				
44	Rate for recovery thru LDAC	\$0.0125				\$0.0067				
45										
46	Value of current GAP discount									
47		R4	R7							
48	Winter customers	35,600	11							
49	Winter customer rate	\$8.53	\$30.36							
50	Summer customers	33,886	18							
51	Summer customer rate	<u>\$15.50</u>	<u>\$20.15</u>							
52	Undiscounted customer revenues	\$828,799	\$699							
53										
54	Winter volumes	3,774,088	1,474							
55	Summer volumes	<u>763,337</u>	<u>293</u>							
56	Total volumes	4,537,425	1,767							
57	Base volumetric rate	<u>\$0.5678</u>	<u>\$0.7381</u>							
58	Undiscounted volumetric revenues	\$2,576,350	\$1,305							
59										
60	Undiscounted revenues	\$3,407,152								
61	Discount	60%								
62	Discount value	\$2,044,291								
63	Total system volumes	177,522,724								
64	Rate for recovery thru LDAC	\$0.0115								
65										
66	Change in LDAC									
67	Change in LDAC	\$0.0009								
68										
69										
70	Distribution revenues, including discounts									
71		R3	R4	R6	R7	Other classes	Total			
72	Winter									
73	Customers (adjusted)	442,139	35,271	875	11					
74	Customer rate	\$15.39	\$8.47	\$20.01	\$11.01					
75	Customer revenues	\$6,805,562	\$298,597	\$17,499	\$121					
76	Sales volumes	48,384,856	3,740,746	134,921	1,474					
77	Volumetric rate	\$0.5632	\$0.3098	\$0.7322	\$0.4027					
78	Volumetric revenues	\$27,252,057	\$1,158,806	\$98,790	\$594					
79										
80	Summer									
81	Customers	446,604	33,728	1,108	18					
82	Customer rate	\$15.39	\$15.39	\$20.01	\$20.01					
83	Customer revenues	\$6,874,300	\$519,157	\$22,177	\$362					
84	Sales volumes	10,008,648	759,859	30,287	293					
85	Volumetric rate	\$0.5632	\$0.5632	\$0.7322	\$0.7322					
86	Volumetric revenues	\$5,637,223	\$427,979	\$22,177	\$214					
87										
88	Total									
89	Customer revenues	\$13,679,862	\$817,754	\$39,676	\$483				Reconcile	
90	Volumetric revenues	\$32,889,280	\$1,586,786	\$120,966	\$808				Model revenue	\$91,082,950
91	Total	\$46,569,142	\$2,404,540	\$160,642	\$1,291	\$40,754,330	\$89,889,944		Distribution dis	\$1,193,006
									Net	\$89,889,944

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1																
2																
3																
4																
5																
6	EnergyNorth Natural Gas Inc															
7																
8	2019 Customers (Equivalent Bills)															
9		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
10		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Summer	Winter
11	R-1	3,508	3,166	3,512	3,400	3,516	3,401	3,507	3,523	3,415	3,531	3,440	3,543	41,461	20,892	20,569
12	R-3	75,632	68,375	75,759	73,210	75,446	72,802	75,142	75,103	72,752	75,360	73,137	76,026	888,743	446,604	442,139
13	R-4	6,126	5,522	6,093	5,809	5,899	5,633	5,677	5,551	5,305	5,664	5,867	5,854	68,999	33,728	35,271
14	R-5	37	43	47	53	55	63	66	60	67	67	70	70	700	379	321
15	R-6	86	94	100	125	146	180	191	178	202	212	233	237	1,983	1,108	875
16	R-7	1	1	1	2	3	3	3	3	3	3	3	3	29	18	11
17	Total Resid.	85,390	77,202	85,511	82,599	85,064	82,082	84,586	84,418	81,744	84,835	82,750	85,732	1,001,914	502,730	499,185
18																
19	G-41	9,841	8,899	9,855	9,492	9,653	9,176	9,360	9,305	9,014	9,516	9,458	9,856	113,424	56,024	57,400
20	G-42	1,463	1,322	1,463	1,405	1,447	1,394	1,461	1,471	1,419	1,474	1,434	1,479	17,231	8,666	8,565
21	G-43	61	54	60	56	57	54	55	51	50	51	48	53	650	318	332
22	G-44	1	2	2	2	2	2	2	3	3	4	4	4	32	16	16
23	G-45	4	4	4	4	4	4	4	6	7	7	7	7	63	33	30
24	G-46	-	1	2	3	4	5	6	7	8	9	10	11	66	39	27
25	G-51	1,332	1,203	1,333	1,285	1,319	1,275	1,332	1,346	1,298	1,347	1,308	1,345	15,723	7,918	7,806
26	G-52	400	362	402	389	403	390	407	412	398	414	403	417	4,798	2,424	2,374
27	G-53	37	34	35	34	35	34	34	33	33	34	33	34	411	203	207
28	G-54	28	26	29	27	28	27	27	26	25	26	25	27	321	159	162
29	G-55	3	3	3	3	3	3	3	3	3	3	3	3	36	18	18
30	G-56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	G-57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	G-58	1	1	1	1	1	1	1	1	1	1	1	1	12	6	6
33	G-63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Total C/I	13,172	11,909	13,189	12,701	12,956	12,365	12,693	12,665	12,260	12,887	12,734	13,237	152,768	75,825	76,943
35																
36	Total All	98,563	89,112	98,700	95,300	98,020	94,447	97,279	97,083	94,004	97,722	95,484	98,969	1,154,683	578,555	576,128
37																
38																
39	8/1/2021 Permanent Base Rate Customer Charge															
40		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
41		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19			
42	R-1	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39		
43	R-3	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39		
44	R-4	\$ 8.47	\$ 8.47	\$ 8.47	\$ 8.47	\$ 8.47	\$ 8.47	\$ 8.47	\$ 8.47	\$ 8.47	\$ 8.47	\$ 8.47	\$ 8.47	\$ 8.47		
45	R-5	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01		
46	R-6	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01		
47	R-7	\$ 11.01	\$ 11.01	\$ 11.01	\$ 11.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 11.01	\$ 11.01			
48																
49																
50	G-41	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06		
51	G-42	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19		
52	G-43	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69		
53	G-44	\$ 74.18	\$ 74.18	\$ 74.18	\$ 74.18	\$ 74.18	\$ 74.18	\$ 74.18	\$ 74.18	\$ 74.18	\$ 74.18	\$ 74.18	\$ 74.18	\$ 74.18		
54	G-45	\$ 222.55	\$ 222.55	\$ 222.55	\$ 222.55	\$ 222.55	\$ 222.55	\$ 222.55	\$ 222.55	\$ 222.55	\$ 222.55	\$ 222.55	\$ 222.55	\$ 222.55		
55	G-46	\$ 955.10	\$ 955.10	\$ 955.10	\$ 955.10	\$ 955.10	\$ 955.10	\$ 955.10	\$ 955.10	\$ 955.10	\$ 955.10	\$ 955.10	\$ 955.10	\$ 955.10		
56	G-51	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06		
57	G-52	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19		
58	G-53	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10		
59	G-54	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10		
60	G-55	\$ 74.18	\$ 74.18	\$ 74.18	\$ 74.18	\$ 74.18	\$ 74.18	\$ 74.18	\$ 74.18	\$ 74.18	\$ 74.18	\$ 74.18	\$ 74.18	\$ 74.18		
61	G-56	\$ 222.55	\$ 222.55	\$ 222.55	\$ 222.55	\$ 222.55	\$ 222.55	\$ 222.55	\$ 222.55	\$ 222.55	\$ 222.55	\$ 222.55	\$ 222.55	\$ 222.55		
62	G-57	\$ 982.93	\$ 982.93	\$ 982.93	\$ 982.93	\$ 982.93	\$ 982.93	\$ 982.93	\$ 982.93	\$ 982.93	\$ 982.93	\$ 982.93	\$ 982.93	\$ 982.93		
63	G-58	\$ 982.93	\$ 982.93	\$ 982.93	\$ 982.93	\$ 982.93	\$ 982.93	\$ 982.93	\$ 982.93	\$ 982.93	\$ 982.93	\$ 982.93	\$ 982.93	\$ 982.93		
64	G-63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
65																
66																
67	2019 Customer Revenue Adjusted															
68		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
69		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Summer	Winter
70	R-1	\$ 53,999	\$ 48,738	\$ 54,054	\$ 52,332	\$ 54,114	\$ 52,344	\$ 53,979	\$ 54,231	\$ 52,568	\$ 54,343	\$ 52,948	\$ 54,528	\$ 638,178	\$ 321,579	\$ 316,599
71	R-3	\$ 1,164,154	\$ 1,052,453	\$ 1,166,103	\$ 1,126,876	\$ 1,161,286	\$ 1,120,595	\$ 1,156,615	\$ 1,156,017	\$ 1,119,820	\$ 1,159,968	\$ 1,125,757	\$ 1,170,218	\$ 13,679,862	\$ 6,874,300	\$ 6,805,562
72	R-4	\$ 51,861	\$ 46,751	\$ 51,580	\$ 49,178	\$ 90,806	\$ 86,703	\$ 87,377	\$ 85,439	\$ 81,657	\$ 87,176	\$ 49,668	\$ 49,560	\$ 817,754	\$ 519,157	\$ 298,597
73	R-5	\$ 744	\$ 864	\$ 943	\$ 1,065	\$ 1,100	\$ 1,269	\$ 1,323	\$ 1,205	\$ 1,345	\$ 1,333	\$ 1,409	\$ 1,399	\$ 14,001	\$ 7,576	\$ 6,425
74	R-6	\$ 1,722	\$ 1,889	\$ 2,003	\$ 2,497	\$ 2,916	\$ 3,593	\$ 3,829	\$ 3,563	\$ 4,043	\$ 4,233	\$ 4,655	\$ 4,734	\$ 39,676	\$ 22,177	\$ 17,499
75	R-7	\$ 11	\$ 11	\$ 11	\$ 20	\$ 60	\$ 62	\$ 62	\$ 56	\$ 62	\$ 60	\$ 34	\$ 33	\$ 483	\$ 362	\$ 121
76	Total Resid.	\$ 1,272,492	\$ 1,150,706	\$ 1,274,694	\$ 1,231,968	\$ 1,310,282	\$ 1,264,566	\$ 1,303,184	\$ 1,300,511	\$ 1,259,495	\$ 1,307,113	\$ 1,234,470	\$ 1,280,472	\$ 15,189,954	\$ 7,745,152	\$ 7,444,802
77																
78	G-41	\$ 561,529	\$ 507,758	\$ 562,327	\$ 541,614	\$ 550,783	\$ 523,578	\$ 534,082	\$ 530,978	\$ 514,355	\$ 542,999	\$ 539,699	\$ 562,373	\$ 6,472,076	\$ 3,196,775	\$ 3,275,300
79	G-42	\$ 250,418	\$ 226,293	\$ 250,450	\$ 240,479	\$ 247,659	\$ 238,612	\$ 250,101	\$ 251,856	\$ 242,995	\$ 252,378	\$ 245,429	\$ 253,164	\$ 2,949,835	\$ 1,483,602	\$ 1,466,233
80	G-43	\$ 44,792	\$ 39,722	\$ 43,984	\$ 41,265	\$ 41,853	\$ 39,673	\$ 40,384	\$ 37,420	\$ 36,735	\$ 37,420	\$ 35,559	\$ 38,571	\$ 477,379	\$ 233,485	\$ 243,894
81	G-44	\$ 111	\$ 138	\$ 153	\$ 148	\$ 153	\$ 148	\$ 161	\$ 230	\$ 223	\$ 304	\$ 297	\$ 307	\$ 2,374	\$ 1,219	\$ 1,155
82	G-45	\$ 920	\$ 831	\$ 920	\$ 890	\$ 920	\$ 890	\$ 920	\$ 1,365	\$ 1,558	\$ 1,610	\$ 1,558	\$ 1,610	\$ 13,991	\$ 7,263	\$ 6,728
83	G-46	\$ -	\$ 955	\$ 1,910	\$ 2,865	\$ 3,820	\$ 4,776	\$ 5,731	\$ 6,686	\$ 7,641	\$ 8,596	\$ 9,551	\$ 10,506	\$ 63,037	\$ 37,249	\$ 25,788
84	G-51	\$ 76,005	\$ 68,655	\$ 76,043	\$ 73,314	\$ 75,288	\$ 72,762	\$ 75,992	\$ 76,795	\$ 74,087	\$ 76,877	\$ 74,608	\$ 76,767	\$ 897,192	\$ 451,801	\$ 445,391
85	G-52	\$ 68,562	\$ 61,914	\$ 68,814	\$ 66,642	\$ 68,977	\$ 66,805	\$ 69,728	\$ 70,566	\$ 68,110	\$ 70,810	\$ 69,057	\$ 71,473	\$ 821,458	\$ 404,995	\$ 406,463
86	G-53	\$ 28,127	\$ 25,405	\$ 26,741	\$ 25,707	\$ 26,464	\$ 25,708	\$ 25,959	\$ 24,977	\$ 24,926	\$ 25,783	\$ 24,951	\$ 25,783	\$ 310,531	\$ 153,816	\$ 156,714
87	G-54	\$ 21,465	\$ 19,743	\$ 21,876	\$ 20,541	\$ 21,095	\$ 20,415	\$ 20,717	\$ 19,533	\$ 18,903	\$ 19,533	\$ 18,903	\$ 20,289	\$ 243,011	\$ 120,195	\$ 122,816
88	G-55	\$ 230	\$ 208	\$ 230	\$ 223	\$ 230	\$ 223	\$ 230	\$ 230	\$ 223	\$ 230	\$ 223	\$ 230	\$ 2,708	\$ 1,365	\$ 1,343
89	G-56	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
90	G-57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
91	G-58	\$ 1,016	\$ 917	\$ 1,016	\$ 983	\$ 1,016	\$ 983	\$ 1,016	\$ 1,016	\$ 983	\$ 1,016	\$ 983	\$ 1,016	\$ 11,959	\$ 6,029	\$ 5,930
92	G-63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
93	Total C/I	\$ 1,053,175	\$ 952,540	\$ 1,054,464	\$ 1,014,672	\$ 1,038,258	\$ 994,572	\$ 1,025,020	\$ 1,021,651	\$ 990,738	\$ 1,037,555	\$ 1,020,817	\$ 1,062,088	\$ 12,265,549	\$ 6,107,794	\$ 6,157,755
94																
95	Total All	\$ 2,325,667	\$ 2,103,246	\$ 2,329,158	\$ 2,246,640	\$ 2,348,540	\$ 2,259,138	\$ 2,328,204	\$ 2,322,162	\$ 2,250,233	\$ 2,344,668	\$ 2,255,287	\$ 2,342,560	\$ 27,455,502	\$ 13,852,945	\$ 13,602,557
96																
97																
98																
99																
100																
101	2019 Calendar BF Volume Headblock Normal															
102		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
103		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Summer	Winter
104	R-1	95,557	82,569	80,566	63,575	50,886	38,836	32,486	33,409	36,089	47,229	67,525	90,789	719,516	238,935	480,581
105	R-3	10,995,892	9,471,587	7,985,971	4,572,048	2,496,464	1,299,969	1,005,616	1,023,429	1,286,283	2,896,887	6,090,250	9,269,106	58,393,504	10,008,648	48,384,856
106	R-4	860,421	734,308	624,873	358,402	193,629	103,678	78,484	77,930	93,563	212,576	472,382	690,360	4,500,606	759,859	3,740,746
107	R-5	2,418	2,166	1,977	1,255	802	477	411	401	537	1,006	1,789	2,314	15,553	3,635	11,918
108	R-6	24,771	22,729	20,328	12,107	7,073	3,298	2,618	2,697	3,953	10,649	23,344	31,643	165,208	30,287	134,921
109	R-7	236	219	205	132	74	29	23	21	31	116	286	395	1,767	293	1,474
110	Total Resid.	11,979,296	10,313,578	8,713,920	5,007,519	2,748,928	1,446,287	1,119,637	1,137,887	1,420,456	3,168,462	6,655,576	10,084,607	63,796,153	11,041,656	52,754,497
111																
112	G-41	938,854	794,541	819,135	579,565	198,063	75,332	57,401	59,559	75,980	211,158	734,621	893,706	5,437,916	677,493	4,760,423
113	G-42	1,504,518	1,277,935	1,389,155	1,137,427	582,671	312,911	253,507	271,655	331,448	611,954	1,343,910	1,500,772	10,517,865	2,364,147	8,153,718
114	G-43	1,906,787	1,616,732	1,482,602	959,217	628,323	352,314	290,119	308,616	352,223	641,510	1,145,200	1,677,651	11,361,293	2,573,105	8,788,188
115	G-44	145	172	169	126	34	25	26	27	47	121	320	380	1,591	279	1,312
116	G-45	4,133	3,733	4,086	3,372	1,827	895	423	1,124	2,393	3,492	6,594	7,233	39,305	10,153	29,152
117	G-46	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
118	G-51	98,594	84,356	91,786	85,450	84,160	78,080	78,754	81,716	78,900	82,086	91,301	96,060	1,031,243	483,696	547,547
119	G-52	408,565	346,377	379,420	357,254	347,191	321,990	329,173	345,439	330,788	352,795	391,276	407,428	4,317,695	2,027,375	2,290,320
120	G-53	1,323,942	1,077,007	1,041,553	825,450	753,147	647,603	663,090	697,644	647,913	782,805	896,286	1,069,009	10,425,448	4,192,201	6,233,247
121	G-54	1,327,434	1,206,315	1,185,882	1,309,095	1,639,560	1,668,852	1,770,028	1,766,454	1,625,766	1,665,368	1,544,839	1,293,390	18,002,982	10,136,028	7,866,954
122	G-55	122	108	113	118	113	58	12	57	59	103	114	118	1,095	402	693
123	G-56	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
124	G-57	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
125	G-58	19,016	33,980	31,595	29,380	21,467	17,183	16,968	16,982	20,073	22,561	23,451	26,099	278,754	115,234	163,520
126	G-63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
127	Total C/I	7,532,111	6,441,256	6,425,495	5,286,454	4,256,556	3,475,241	3,459,500	3,549,272	3,465,591	4,373,953	6,177,913	6,971,845	61,415,187	22,580,113	38,835,074
128																
129	Total All	19,511,407	16,754,835	15,139,415	10,293,973	7,005,484	4,921,528	4,579,137	4,687,159	4,886,047	7,542,415	12,833,489	17,056,452	125,211,341	33,621,770	91,589,571

ENERGY COMPONENT

HEADBLOCK

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
130																
131																
132	8/1/2021 Permanent Base Rate Headblock Charge															
133		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	
134		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19			
135	R-1	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844			
136	R-3	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632			
137	R-4	\$ 0.3098	\$ 0.3098	\$ 0.3098	\$ 0.3098	\$ 0.3098	\$ 0.3098	\$ 0.3098	\$ 0.3098	\$ 0.3098	\$ 0.3098	\$ 0.3098	\$ 0.3098			
138	R-5	\$ 0.4997	\$ 0.4997	\$ 0.4997	\$ 0.4997	\$ 0.4997	\$ 0.4997	\$ 0.4997	\$ 0.4997	\$ 0.4997	\$ 0.4997	\$ 0.4997	\$ 0.4997			
139	R-6	\$ 0.7322	\$ 0.7322	\$ 0.7322	\$ 0.7322	\$ 0.7322	\$ 0.7322	\$ 0.7322	\$ 0.7322	\$ 0.7322	\$ 0.7322	\$ 0.7322	\$ 0.7322			
140	R-7	\$ 0.4027	\$ 0.4027	\$ 0.4027	\$ 0.4027	\$ 0.4027	\$ 0.4027	\$ 0.4027	\$ 0.4027	\$ 0.4027	\$ 0.4027	\$ 0.4027	\$ 0.4027			
141																
142																
143	G-41	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688			
144	G-42	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261			
145	G-43	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620			
146	G-44	\$ 0.6094	\$ 0.6094	\$ 0.6094	\$ 0.6094	\$ 0.6094	\$ 0.6094	\$ 0.6094	\$ 0.6094	\$ 0.6094	\$ 0.6094	\$ 0.6094	\$ 0.6094			
147	G-45	\$ 0.5539	\$ 0.5539	\$ 0.5539	\$ 0.5539	\$ 0.5539	\$ 0.5539	\$ 0.5539	\$ 0.5539	\$ 0.5539	\$ 0.5539	\$ 0.5539	\$ 0.5539			
148	G-46	\$ 0.3406	\$ 0.3406	\$ 0.3406	\$ 0.3406	\$ 0.3406	\$ 0.3406	\$ 0.3406	\$ 0.3406	\$ 0.3406	\$ 0.3406	\$ 0.3406	\$ 0.3406			
149	G-51	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819			
150	G-52	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428			
151	G-53	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697			
152	G-54	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648			
153	G-55	\$ 0.3665	\$ 0.3665	\$ 0.3665	\$ 0.3665	\$ 0.3665	\$ 0.3665	\$ 0.3665	\$ 0.3665	\$ 0.3665	\$ 0.3665	\$ 0.3665	\$ 0.3665			
154	G-56	\$ 0.3157	\$ 0.3157	\$ 0.3157	\$ 0.3157	\$ 0.3157	\$ 0.3157	\$ 0.3157	\$ 0.3157	\$ 0.3157	\$ 0.3157	\$ 0.3157	\$ 0.3157			
155	G-57	\$ 0.2207	\$ 0.2207	\$ 0.2207	\$ 0.2207	\$ 0.2207	\$ 0.2207	\$ 0.2207	\$ 0.2207	\$ 0.2207	\$ 0.2207	\$ 0.2207	\$ 0.2207			
156	G-58	\$ 0.0842	\$ 0.0842	\$ 0.0842	\$ 0.0842	\$ 0.0842	\$ 0.0842	\$ 0.0842	\$ 0.0842	\$ 0.0842	\$ 0.0842	\$ 0.0842	\$ 0.0842			
157	G-63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
158																
159																
160	2019 Calendar BF Volume Headblock Normal Revenue Adjusted															
161		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
162		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Summer	Winter
163	R-1	\$ 36,729	\$ 31,736	\$ 30,967	\$ 24,436	\$ 19,559	\$ 14,927	\$ 12,487	\$ 12,841	\$ 13,871	\$ 18,153	\$ 25,954	\$ 34,896	\$ 276,556	\$ 91,838	\$ 184,718
164	R-3	\$ 6,193,274	\$ 5,334,732	\$ 4,497,981	\$ 2,575,139	\$ 1,406,097	\$ 732,188	\$ 566,398	\$ 576,431	\$ 724,480	\$ 1,631,629	\$ 3,430,244	\$ 5,220,687	\$ 32,889,280	\$ 5,637,223	\$ 27,252,057
165	R-4	\$ 266,541	\$ 227,473	\$ 193,573	\$ 111,025	\$ 109,059	\$ 58,395	\$ 44,205	\$ 43,893	\$ 52,698	\$ 119,730	\$ 146,334	\$ 213,859	\$ 1,586,786	\$ 427,979	\$ 1,158,806
166	R-5	\$ 1,208	\$ 1,082	\$ 988	\$ 627	\$ 401	\$ 238	\$ 205	\$ 200	\$ 268	\$ 503	\$ 894	\$ 1,156	\$ 7,771	\$ 1,816	\$ 5,955
167	R-6	\$ 18,138	\$ 16,642	\$ 14,884	\$ 8,864	\$ 5,179	\$ 2,414	\$ 1,917	\$ 1,975	\$ 2,895	\$ 7,797	\$ 17,093	\$ 23,169	\$ 120,966	\$ 22,177	\$ 98,790
168	R-7	\$ 95	\$ 88	\$ 83	\$ 53	\$ 54	\$ 21	\$ 17	\$ 15	\$ 22	\$ 85	\$ 115	\$ 159	\$ 808	\$ 214	\$ 594
169	Total Resid.	\$ 6,515,985	\$ 5,611,755	\$ 4,738,475	\$ 2,720,145	\$ 1,540,348	\$ 808,185	\$ 625,229	\$ 635,356	\$ 794,234	\$ 1,777,897	\$ 3,620,634	\$ 5,493,927	\$ 34,882,168	\$ 6,181,248	\$ 28,700,920
170																
171	G-41	\$ 440,118	\$ 372,466	\$ 383,995	\$ 271,690	\$ 92,849	\$ 35,314	\$ 26,908	\$ 27,920	\$ 35,618	\$ 98,987	\$ 344,377	\$ 418,953	\$ 2,549,195	\$ 317,596	\$ 2,231,599
172	G-42	\$ 641,003	\$ 544,467	\$ 591,852	\$ 484,604	\$ 248,248	\$ 133,316	\$ 108,007	\$ 115,739	\$ 141,214	\$ 260,725	\$ 572,576	\$ 639,407	\$ 4,481,160	\$ 1,007,250	\$ 3,473,910
173	G-43	\$ 499,538	\$ 423,550	\$ 388,410	\$ 251,295	\$ 75,271	\$ 42,206	\$ 34,755	\$ 36,971	\$ 42,195	\$ 76,850	\$ 300,018	\$ 439,509	\$ 2,610,567	\$ 308,247	\$ 2,302,320
174	G-44	\$ 89	\$ 105	\$ 103	\$ 77	\$ 21	\$ 15	\$ 16	\$ 16	\$ 29	\$ 74	\$ 195	\$ 231	\$ 970	\$ 170	\$ 800
175	G-45	\$ 2,289	\$ 2,068	\$ 2,263	\$ 1,868	\$ 1,012	\$ 495	\$ 234	\$ 622	\$ 1,325	\$ 1,934	\$ 3,652	\$ 4,006	\$ 21,770	\$ 5,624	\$ 16,146
176	G-46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
177	G-51	\$ 27,794	\$ 23,780	\$ 25,874	\$ 24,088	\$ 23,725	\$ 22,011	\$ 22,201	\$ 23,036	\$ 22,242	\$ 23,140	\$ 25,738	\$ 27,079	\$ 290,708	\$ 136,354	\$ 154,354
178	G-52	\$ 99,216	\$ 84,114	\$ 92,138	\$ 86,755	\$ 61,082	\$ 56,648	\$ 57,912	\$ 60,774	\$ 58,196	\$ 62,068	\$ 95,017	\$ 98,940	\$ 912,860	\$ 356,680	\$ 556,180
179	G-53	\$ 224,734	\$ 182,818	\$ 176,799	\$ 140,117	\$ 61,335	\$ 52,740	\$ 54,001	\$ 56,815	\$ 52,765	\$ 63,750	\$ 152,141	\$ 181,460	\$ 1,399,474	\$ 341,405	\$ 1,058,069
180	G-54	\$ 85,970	\$ 78,126	\$ 76,803	\$ 84,783	\$ 57,667	\$ 58,697	\$ 62,255	\$ 62,130	\$ 57,181	\$ 58,574	\$ 100,050	\$ 83,766	\$ 866,002	\$ 356,504	\$ 509,498
181	G-55	\$ 45	\$ 40	\$ 41	\$ 43	\$ 42	\$ 21	\$ 4	\$ 21	\$ 22	\$ 38	\$ 42	\$ 43	\$ 401	\$ 147	\$ 254
182	G-56	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
183	G-57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
184	G-58	\$ 1,601	\$ 2,861	\$ 2,660	\$ 2,474	\$ 982	\$ 786	\$ 776	\$ 776	\$ 918	\$ 1,032	\$ 1,974	\$ 2,197	\$ 19,036	\$ 5,269	\$ 13,767
185	G-63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
186	Total C/I	\$ 2,022,396	\$ 1,714,394	\$ 1,740,941	\$ 1,347,792	\$ 622,231	\$ 402,249	\$ 367,070	\$ 384,821	\$ 411,705	\$ 647,171	\$ 1,595,781	\$ 1,895,592	\$ 13,152,143	\$ 2,835,248	\$ 10,316,896
187																
188	Total All	\$ 8,538,381	\$ 7,326,149	\$ 6,479,415	\$ 4,067,937	\$ 2,162,579	\$ 1,210,434	\$ 992,299	\$ 1,020,176	\$ 1,205,940	\$ 2,425,068	\$ 5,216,415	\$ 7,389,519	\$ 48,034,311	\$ 9,016,496	\$ 39,017,816

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
189																
190																
191																
192	TAILBLOCK															
193	2019 Calendar BF Volume Tailblock Normal															
194		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
195		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Summer	Winter
196	R-1	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
197	R-3	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
198	R-4	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
199	R-5	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
200	R-6	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
201	R-7	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
202	Total Resid.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
203	G-41	4,192,321	3,618,435	2,771,919	1,279,830	677,992	282,997	182,981	186,839	283,398	815,867	1,839,733	3,274,576	19,406,887	2,430,074	16,976,813
204	G-42	4,993,837	4,384,441	3,432,154	1,678,339	920,506	393,261	257,138	270,072	445,725	1,161,487	2,337,282	4,113,365	24,387,607	3,448,189	20,939,418
205	G-43	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
206	G-44	690	599	402	151	119	47	37	51	123	1,001	2,130	3,159	8,509	1,378	7,131
207	G-45	12,933	11,275	7,842	2,966	3,316	91	37	146	2,712	9,915	17,923	25,064	94,184	16,180	78,004
208	G-46	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
209	G-51	406,809	355,956	330,828	250,227	212,567	169,806	151,628	175,563	174,546	203,204	273,937	360,221	3,065,292	1,087,314	1,977,978
210	G-52	774,138	677,278	622,387	440,299	319,812	237,157	220,416	244,004	266,255	358,457	510,669	675,601	5,346,473	1,646,101	3,700,373
211	G-53	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
212	G-54	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
213	G-55	499	469	391	145	58	0	0	0	0	54	307	507	2,430	112	2,318
214	G-56	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
215	G-57	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
216	G-58	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
217	G-63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
218	Total C/I	10,381,227	9,048,454	7,165,922	3,651,956	2,134,369	1,083,358	812,201	876,674	1,172,760	2,549,986	4,981,982	8,452,494	52,311,383	8,629,348	43,682,035
219	Total All	10,381,227	9,048,454	7,165,922	3,651,956	2,134,369	1,083,358	812,201	876,674	1,172,760	2,549,986	4,981,982	8,452,494	52,311,383	8,629,348	43,682,035
220																
221																
222																
223	8/1/2021 Permanent Base Rate Tailblock Charge															
224		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T			
225		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19			
226	R-1	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844			
227	R-3	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632			
228	R-4	\$ 0.3098	\$ 0.3098	\$ 0.3098	\$ 0.3098	\$ 0.3098	\$ 0.3098	\$ 0.3098	\$ 0.3098	\$ 0.3098	\$ 0.3098	\$ 0.3098	\$ 0.3098			
229	R-5	\$ 0.4997	\$ 0.4997	\$ 0.4997	\$ 0.4997	\$ 0.4997	\$ 0.4997	\$ 0.4997	\$ 0.4997	\$ 0.4997	\$ 0.4997	\$ 0.4997	\$ 0.4997			
230	R-6	\$ 0.7322	\$ 0.7322	\$ 0.7322	\$ 0.7322	\$ 0.7322	\$ 0.7322	\$ 0.7322	\$ 0.7322	\$ 0.7322	\$ 0.7322	\$ 0.7322	\$ 0.7322			
231	R-7	\$ 0.4027	\$ 0.4027	\$ 0.4027	\$ 0.4027	\$ 0.4027	\$ 0.4027	\$ 0.4027	\$ 0.4027	\$ 0.4027	\$ 0.4027	\$ 0.4027	\$ 0.4027			
232		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
233		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
234	G-41	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149			
235	G-42	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839			
236	G-43	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620			
237	G-44	\$ 0.4094	\$ 0.4094	\$ 0.4094	\$ 0.4094	\$ 0.4094	\$ 0.4094	\$ 0.4094	\$ 0.4094	\$ 0.4094	\$ 0.4094	\$ 0.4094	\$ 0.4094			
238	G-45	\$ 0.3691	\$ 0.3691	\$ 0.3691	\$ 0.3691	\$ 0.3691	\$ 0.3691	\$ 0.3691	\$ 0.3691	\$ 0.3691	\$ 0.3691	\$ 0.3691	\$ 0.3691			
239	G-46	\$ 0.3406	\$ 0.3406	\$ 0.3406	\$ 0.3406	\$ 0.3406	\$ 0.3406	\$ 0.3406	\$ 0.3406	\$ 0.3406	\$ 0.3406	\$ 0.3406	\$ 0.3406			
240	G-51	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833			
241	G-52	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617			
242	G-53	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697			
243	G-54	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648			
244	G-55	\$ 0.2383	\$ 0.2383	\$ 0.2383	\$ 0.2383	\$ 0.2383	\$ 0.2383	\$ 0.2383	\$ 0.2383	\$ 0.2383	\$ 0.2383	\$ 0.2383	\$ 0.2383			
245	G-56	\$ 0.2102	\$ 0.2102	\$ 0.2102	\$ 0.2102	\$ 0.2102	\$ 0.2102	\$ 0.2102	\$ 0.2102	\$ 0.2102	\$ 0.2102	\$ 0.2102	\$ 0.2102			
246	G-57	\$ 0.2207	\$ 0.2207	\$ 0.2207	\$ 0.2207	\$ 0.2207	\$ 0.2207	\$ 0.2207	\$ 0.2207	\$ 0.2207	\$ 0.2207	\$ 0.2207	\$ 0.2207			
247	G-58	\$ 0.0842	\$ 0.0842	\$ 0.0842	\$ 0.0842	\$ 0.0842	\$ 0.0842	\$ 0.0842	\$ 0.0842	\$ 0.0842	\$ 0.0842	\$ 0.0842	\$ 0.0842			
248	G-63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
249																
250																
251	2019 Calendar BF	Volume	Tailblock	Normal	Revenue	Adjusted										
252		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
253		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Summer	Winter
254	R-1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
255	R-3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
256	R-4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
257	R-5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
258	R-6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
259	R-7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
260	Total Resid.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
261																
262	G-41	\$ 1,320,340	\$ 1,139,599	\$ 872,995	\$ 403,073	\$ 213,528	\$ 89,128	\$ 57,629	\$ 58,843	\$ 89,254	\$ 256,951	\$ 579,410	\$ 1,031,303	\$ 6,112,053	\$ 765,334	\$ 5,346,720
263	G-42	\$ 1,417,927	\$ 1,244,898	\$ 974,510	\$ 476,540	\$ 261,364	\$ 111,661	\$ 73,011	\$ 76,683	\$ 126,557	\$ 329,787	\$ 663,637	\$ 1,167,930	\$ 6,924,504	\$ 979,063	\$ 5,945,441
264	G-43	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
265	G-44	\$ 283	\$ 245	\$ 164	\$ 62	\$ 49	\$ 19	\$ 15	\$ 21	\$ 50	\$ 410	\$ 872	\$ 1,294	\$ 3,484	\$ 564	\$ 2,920
266	G-45	\$ 4,774	\$ 4,162	\$ 2,895	\$ 1,095	\$ 1,224	\$ 33	\$ -	\$ 54	\$ 1,001	\$ 3,660	\$ 6,616	\$ 9,252	\$ 34,765	\$ 5,972	\$ 28,793
267	G-46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
268	G-51	\$ 74,568	\$ 65,247	\$ 60,641	\$ 45,867	\$ 38,964	\$ 31,125	\$ 27,793	\$ 32,181	\$ 31,994	\$ 37,247	\$ 50,213	\$ 66,028	\$ 561,868	\$ 199,305	\$ 362,563
269	G-52	\$ 125,173	\$ 109,512	\$ 100,636	\$ 71,194	\$ 31,970	\$ 23,707	\$ 22,034	\$ 24,391	\$ 26,616	\$ 35,833	\$ 82,572	\$ 109,241	\$ 762,878	\$ 164,550	\$ 598,328
270	G-53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
271	G-54	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
272	G-55	\$ 119	\$ 112	\$ 93	\$ 35	\$ 14	\$ -	\$ -	\$ -	\$ -	\$ 13	\$ 73	\$ 121	\$ 579	\$ 27	\$ 552
273	G-56	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
274	G-57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
275	G-58	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
276	G-63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
277	Total C/I	\$ 2,943,184	\$ 2,563,774	\$ 2,011,934	\$ 997,864	\$ 547,112	\$ 255,673	\$ 180,481	\$ 192,173	\$ 275,473	\$ 663,901	\$ 1,383,393	\$ 2,385,168	\$ 14,400,131	\$ 2,114,814	\$ 12,285,317
278																
279	Total All	\$ 2,943,184	\$ 2,563,774	\$ 2,011,934	\$ 997,864	\$ 547,112	\$ 255,673	\$ 180,481	\$ 192,173	\$ 275,473	\$ 663,901	\$ 1,383,393	\$ 2,385,168	\$ 14,400,131	\$ 2,114,814	\$ 12,285,317
280																
281																
282																
283	2019 Calendar BF	Volume	Headblock	+ Tailblock	Normal											
284		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
285		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Summer	Winter
286	R-1	95,557	82,569	80,566	63,575	50,886	38,836	32,486	33,409	36,089	47,229	67,525	90,789	719,516	238,935	480,581
287	R-3	10,995,892	9,471,587	7,985,971	4,572,048	2,496,464	1,299,969	1,005,616	1,023,429	1,286,283	2,896,887	6,090,250	9,269,106	58,393,504	10,008,648	48,384,856
288	R-4	860,421	734,308	624,873	358,402	193,629	103,678	78,484	77,930	93,563	212,576	472,382	690,360	4,500,606	759,859	3,740,746
289	R-5	2,418	2,166	1,977	1,255	802	477	411	401	537	1,006	1,789	2,314	15,553	3,635	11,918
290	R-6	24,771	22,729	20,328	12,107	7,073	3,298	2,618	2,697	3,953	10,649	23,344	31,643	165,208	30,287	134,921
291	R-7	236	219	205	132	74	29	23	21	31	116	286	395	1,767	293	1,474
292	Total Resid.	11,979,296	10,313,578	8,713,920	5,007,519	2,748,928	1,446,287	1,119,637	1,137,887	1,420,456	3,168,462	6,655,576	10,084,607	63,796,153	11,041,656	52,754,497
293																
294	G-41	5,131,175	4,412,977	3,591,054	1,859,395	876,055	358,328	240,382	246,398	359,378	1,027,025	2,574,354	4,168,281	24,844,803	3,107,567	21,737,235
295	G-42	6,498,355	5,662,376	4,821,309	2,815,766	1,503,176	706,171	510,646	541,727	777,174	1,773,442	3,681,192	5,614,137	34,905,472	5,812,336	29,093,136
296	G-43	1,906,787	1,616,732	1,482,602	959,217	628,323	352,314	290,119	308,616	352,223	641,510	1,145,200	1,677,651	11,361,293	2,573,105	8,788,188
297	G-44	835	771	571	277	153	72	63	78	170	1,122	2,450	3,539	10,101	1,657	8,443
298	G-45	17,066	15,009	11,928	6,338	5,143	985	423	1,270	5,105	13,408	24,517	32,298	133,489	26,334	107,156
299	G-46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	G-51	505,403	440,313	422,614	335,677	296,727	247,885	230,382	257,279	253,447	285,290	365,238	456,281	4,096,535	1,571,010	2,525,525
301	G-52	1,182,704	1,023,656	1,001,806	797,552	667,003	559,146	549,589	589,443	597,042	711,252	901,946	1,083,029	9,664,169	3,673,476	5,990,693
302	G-53	1,323,942	1,077,007	1,041,553	825,450	753,147	647,603	663,090	697,644	647,913	782,805	896,286	1,069,009	10,425,448	4,192,201	6,233,247
303	G-54	1,327,434	1,206,315	1,185,882	1,309,095	1,639,560	1,668,852	1,770,028	1,766,454	1,625,766	1,665,368	1,544,839	1,293,390	18,002,982	10,136,028	7,866,954
304	G-55	621	577	504	263	172	58	12	57	59	157	421	625	3,525	514	3,011
305	G-56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
306	G-57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
307	G-58	19,016	33,980	31,595	29,380	21,467	17,183	16,968	16,982	20,073	22,561	23,451	26,099	278,754	115,234	163,520
308	G-63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
309	Total C/I	17,913,338	15,489,710	13,591,417	8,938,410	6,390,925	4,558,598	4,271,701	4,425,946	4,638,351	6,923,940	11,159,895	15,424,339	113,726,570	31,209,461	82,517,109
310																
311	Total All	29,892,634	25,803,289	22,305,337	13,945,930	9,139,853	6,004,885	5,391,338	5,563,833	6,058,806	10,092,402	17,815,471	25,508,946	177,522,724	42,251,117	135,271,607

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
312																
313																
314	2019 Calendar BF Volume Headblock + Tailblock Normal Revenue Adjusted															
315		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
316		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Summer	Winter
317	R-1	\$ 36,729	\$ 31,736	\$ 30,967	\$ 24,436	\$ 19,559	\$ 14,927	\$ 12,487	\$ 12,841	\$ 13,871	\$ 18,153	\$ 25,954	\$ 34,896	\$ 276,556	\$ 91,838	\$ 184,718
318	R-3	\$ 6,193,274	\$ 5,334,732	\$ 4,497,981	\$ 2,575,139	\$ 1,406,097	\$ 732,188	\$ 566,398	\$ 576,431	\$ 724,480	\$ 1,631,629	\$ 3,430,244	\$ 5,220,687	\$ 32,889,280	\$ 5,637,223	\$ 27,252,057
319	R-4	\$ 266,541	\$ 227,473	\$ 193,573	\$ 111,025	\$ 109,059	\$ 58,395	\$ 44,205	\$ 43,893	\$ 52,698	\$ 119,730	\$ 146,334	\$ 213,859	\$ 1,586,786	\$ 427,979	\$ 1,158,806
320	R-5	\$ 1,208	\$ 1,082	\$ 988	\$ 627	\$ 401	\$ 238	\$ 205	\$ 200	\$ 268	\$ 503	\$ 894	\$ 1,156	\$ 7,771	\$ 1,816	\$ 5,955
321	R-6	\$ 18,138	\$ 16,642	\$ 14,884	\$ 8,864	\$ 5,179	\$ 2,414	\$ 1,917	\$ 1,975	\$ 2,895	\$ 7,797	\$ 17,093	\$ 23,169	\$ 120,966	\$ 22,177	\$ 98,790
322	R-7	\$ 95	\$ 88	\$ 83	\$ 53	\$ 54	\$ 21	\$ 17	\$ 15	\$ 22	\$ 85	\$ 115	\$ 159	\$ 808	\$ 214	\$ 594
323	Total Resid.	\$ 6,515,985	\$ 5,611,755	\$ 4,738,475	\$ 2,720,145	\$ 1,540,348	\$ 808,185	\$ 625,229	\$ 635,356	\$ 794,234	\$ 1,777,897	\$ 3,620,634	\$ 5,493,927	\$ 34,882,168	\$ 6,181,248	\$ 28,700,920
324																
325	G-41	\$ 1,760,458	\$ 1,512,065	\$ 1,256,990	\$ 674,762	\$ 306,377	\$ 124,442	\$ 84,537	\$ 86,764	\$ 124,872	\$ 355,938	\$ 923,787	\$ 1,450,256	\$ 8,661,249	\$ 1,082,930	\$ 7,578,319
326	G-42	\$ 2,058,930	\$ 1,789,365	\$ 1,566,362	\$ 961,143	\$ 509,612	\$ 244,977	\$ 181,018	\$ 192,422	\$ 267,772	\$ 590,512	\$ 1,236,213	\$ 1,807,337	\$ 11,405,663	\$ 1,986,313	\$ 9,419,351
327	G-43	\$ 499,538	\$ 423,550	\$ 388,410	\$ 251,295	\$ 75,271	\$ 42,206	\$ 34,755	\$ 36,971	\$ 42,195	\$ 76,850	\$ 300,018	\$ 439,509	\$ 2,610,567	\$ 308,247	\$ 2,302,320
328	G-44	\$ 371	\$ 350	\$ 268	\$ 139	\$ 69	\$ 34	\$ 31	\$ 37	\$ 79	\$ 484	\$ 1,067	\$ 1,525	\$ 4,454	\$ 735	\$ 3,719
329	G-45	\$ 7,063	\$ 6,230	\$ 5,157	\$ 2,963	\$ 2,236	\$ 529	\$ 234	\$ 676	\$ 2,326	\$ 5,594	\$ 10,268	\$ 13,258	\$ 56,535	\$ 11,596	\$ 44,939
330	G-46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
331	G-51	\$ 102,362	\$ 89,027	\$ 86,515	\$ 69,955	\$ 62,688	\$ 53,136	\$ 49,994	\$ 55,216	\$ 54,236	\$ 60,387	\$ 75,951	\$ 93,108	\$ 852,576	\$ 335,659	\$ 516,917
332	G-52	\$ 224,389	\$ 193,626	\$ 192,774	\$ 157,949	\$ 93,051	\$ 80,355	\$ 79,945	\$ 85,165	\$ 84,812	\$ 97,900	\$ 177,589	\$ 208,180	\$ 1,675,738	\$ 521,230	\$ 1,154,508
333	G-53	\$ 224,734	\$ 182,818	\$ 176,799	\$ 140,117	\$ 61,335	\$ 52,740	\$ 54,001	\$ 56,815	\$ 52,765	\$ 63,750	\$ 152,141	\$ 181,460	\$ 1,399,474	\$ 341,405	\$ 1,058,069
334	G-54	\$ 85,970	\$ 78,126	\$ 76,803	\$ 84,783	\$ 57,667	\$ 58,697	\$ 62,255	\$ 62,130	\$ 57,181	\$ 58,574	\$ 100,050	\$ 83,766	\$ 866,002	\$ 356,504	\$ 509,498
335	G-55	\$ 164	\$ 151	\$ 134	\$ 78	\$ 55	\$ 21	\$ 4	\$ 21	\$ 22	\$ 51	\$ 115	\$ 164	\$ 980	\$ 174	\$ 806
336	G-56	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
337	G-57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
338	G-58	\$ 1,601	\$ 2,861	\$ 2,660	\$ 2,474	\$ 982	\$ 786	\$ 776	\$ 776	\$ 918	\$ 1,032	\$ 1,974	\$ 2,197	\$ 19,036	\$ 5,269	\$ 13,767
339	G-63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
340	Total C/I	\$ 4,965,580	\$ 4,278,168	\$ 3,752,875	\$ 2,345,656	\$ 1,169,343	\$ 657,922	\$ 547,551	\$ 576,994	\$ 687,178	\$ 1,311,073	\$ 2,979,174	\$ 4,280,760	\$ 27,552,274	\$ 4,950,062	\$ 22,602,212
341																
342	Total All	\$ 11,481,564	\$ 9,889,923	\$ 8,491,349	\$ 5,065,801	\$ 2,709,691	\$ 1,466,107	\$ 1,172,780	\$ 1,212,350	\$ 1,481,413	\$ 3,088,969	\$ 6,599,808	\$ 9,774,687	\$ 62,434,442	\$ 11,131,310	\$ 51,303,132
343																
344		TOTAL REVENUE														
345																
346	2019 Calendar BF Base Normal Revenue Adjusted															
347		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
348		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Summer	Winter
349	R-1	\$ 90,728	\$ 80,475	\$ 85,021	\$ 76,768	\$ 73,673	\$ 67,271	\$ 66,465	\$ 67,072	\$ 66,440	\$ 72,496	\$ 78,902	\$ 89,424	\$ 914,734	\$ 413,417	\$ 501,317
350	R-3	\$ 7,357,429	\$ 6,387,185	\$ 5,664,084	\$ 3,702,015	\$ 2,567,382	\$ 1,852,783	\$ 1,723,013	\$ 1,732,448	\$ 1,844,300	\$ 2,791,597	\$ 4,556,000	\$ 6,390,905	\$ 46,569,142	\$ 12,511,524	\$ 34,057,618
351	R-4	\$ 318,401	\$ 274,224	\$ 245,153	\$ 160,203	\$ 199,865	\$ 145,098	\$ 131,581	\$ 129,332	\$ 134,354	\$ 206,906	\$ 196,002	\$ 263,419	\$ 2,404,540	\$ 947,137	\$ 1,457,403
352	R-5	\$ 1,952	\$ 1,946	\$ 1,931	\$ 1,692	\$ 1,501	\$ 1,508	\$ 1,528	\$ 1,406	\$ 1,614	\$ 1,836	\$ 2,303	\$ 2,556	\$ 21,772	\$ 9,392	\$ 12,380
353	R-6	\$ 19,859	\$ 18,531	\$ 16,887	\$ 11,361	\$ 8,095	\$ 6,007	\$ 5,745	\$ 5,538	\$ 6,938	\$ 12,030	\$ 21,748	\$ 27,902	\$ 160,642	\$ 44,353	\$ 116,289
354	R-7	\$ 107	\$ 100	\$ 94	\$ 73	\$ 114	\$ 83	\$ 79	\$ 71	\$ 84	\$ 145	\$ 149	\$ 192	\$ 1,291	\$ 577	\$ 715
355	Total Resid.	\$ 7,788,477	\$ 6,762,461	\$ 6,013,169	\$ 3,952,113	\$ 2,850,630	\$ 2,072,751	\$ 1,928,413	\$ 1,935,867	\$ 2,053,730	\$ 3,085,010	\$ 4,855,104	\$ 6,774,399	\$ 50,072,122	\$ 13,926,399	\$ 36,145,722
356																
357	G-41	\$ 2,321,986	\$ 2,019,824	\$ 1,819,317	\$ 1,216,377	\$ 857,159	\$ 648,020	\$ 618,619	\$ 617,742	\$ 639,227	\$ 898,937	\$ 1,463,486	\$ 2,012,629	\$ 15,133,324	\$ 4,279,705	\$ 10,853,619
358	G-42	\$ 2,309,349	\$ 2,015,658	\$ 1,816,812	\$ 1,201,622	\$ 757,271	\$ 483,589	\$ 431,119	\$ 444,278	\$ 510,767	\$ 842,890	\$ 1,481,642	\$ 2,060,501	\$ 14,355,498	\$ 3,469,915	\$ 10,885,583
359	G-43	\$ 544,330	\$ 463,272	\$ 432,394	\$ 292,560	\$ 117,124	\$ 81,879	\$ 75,139	\$ 74,391	\$ 78,930	\$ 114,271	\$ 335,577	\$ 478,080	\$ 3,087,946	\$ 541,733	\$ 2,546,213
360	G-44	\$ 482	\$ 488	\$ 421	\$ 287	\$ 223	\$ 183	\$ 192	\$ 267	\$ 302	\$ 788	\$ 1,364	\$ 1,832	\$ 6,828	\$ 1,954	\$ 4,874
361	G-45	\$ 7,983	\$ 7,060	\$ 6,077	\$ 3,853	\$ 3,156	\$ 1,419	\$ 1,154	\$ 2,041	\$ 3,884	\$ 7,204	\$ 11,826	\$ 14,868	\$ 70,526	\$ 18,859	\$ 51,667
362	G-46	\$ -	\$ 955	\$ 1,910	\$ 2,865	\$ 3,820	\$ 4,776	\$ 5,731	\$ 6,686	\$ 7,641	\$ 8,596	\$ 9,551	\$ 10,506	\$ 63,037	\$ 37,249	\$ 25,788
363	G-51	\$ 178,367	\$ 157,682	\$ 162,559	\$ 143,269	\$ 137,976	\$ 125,898	\$ 125,986	\$ 132,011	\$ 128,324	\$ 137,264	\$ 150,558	\$ 169,875	\$ 1,749,768	\$ 787,460	\$ 962,309
364	G-52	\$ 292,951	\$ 255,540	\$ 261,588	\$ 224,591	\$ 162,029	\$ 147,160	\$ 149,673	\$ 155,731	\$ 152,922	\$ 168,710	\$ 246,647	\$ 279,653	\$ 2,497,195	\$ 936,224	\$ 1,560,971
365	G-53	\$ 252,861	\$ 208,223	\$ 203,540	\$ 165,824	\$ 87,799	\$ 78,447	\$ 79,960	\$ 81,791	\$ 77,691	\$ 89,533	\$ 177,092	\$ 207,243	\$ 1,710,005	\$ 495,222	\$ 1,214,783
366	G-54	\$ 107,435	\$ 97,869	\$ 98,679	\$ 105,323	\$ 78,762	\$ 79,112	\$ 82,973	\$ 81,662	\$ 76,084	\$ 78,107	\$ 118,953	\$ 104,054	\$ 1,109,013	\$ 476,699	\$ 632,314
367	G-55	\$ 394	\$ 359	\$ 364	\$ 300	\$ 285	\$ 244	\$ 234	\$ 251	\$ 244	\$ 281	\$ 337	\$ 394	\$ 3,688	\$ 1,539	\$ 2,149
368	G-56	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
369	G-57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
370	G-58	\$ 2,617	\$ 3,778	\$ 3,676	\$ 3,457	\$ 1,997	\$ 1,769	\$ 1,792	\$ 1,792	\$ 1,901	\$ 2,047	\$ 2,957	\$ 3,213	\$ 30,995	\$ 11,298	\$ 19,698
371	G-63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
372	Total C/I	\$ 6,018,754	\$ 5,230,708	\$ 4,807,339	\$ 3,360,328	\$ 2,207,601	\$ 1,652,495	\$ 1,572,571	\$ 1,598,644	\$ 1,677,916	\$ 2,348,628	\$ 3,999,991	\$ 5,342,848	\$ 39,817,823	\$ 11,057,856	\$ 28,759,967
373						</										

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
384																
385																
386	MEP Premium Adjustment															
387																
388	R-5	\$ 1,952	\$ 1,946	\$ 1,931	\$ 1,692	\$ 1,501	\$ 1,508	\$ 1,528	\$ 1,406	\$ 1,614	\$ 1,836	\$ 2,303	\$ 2,556	\$ 21,772	\$ 9,392	\$ 12,380
389	R-6	\$ 19,859	\$ 18,531	\$ 16,887	\$ 11,361	\$ 8,095	\$ 6,007	\$ 5,745	\$ 5,538	\$ 6,938	\$ 12,030	\$ 21,748	\$ 27,902	\$ 160,642	\$ 44,353	\$ 116,289
390	R-7	\$ 194	\$ 181	\$ 170	\$ 133	\$ 114	\$ 83	\$ 79	\$ 71	\$ 84	\$ 145	\$ 272	\$ 350	\$ 1,876	\$ 577	\$ 1,300
391	G-44	\$ 482	\$ 488	\$ 421	\$ 287	\$ 223	\$ 183	\$ 192	\$ 267	\$ 302	\$ 788	\$ 1,364	\$ 1,832	\$ 6,828	\$ 1,954	\$ 4,874
392	G-45	\$ 7,983	\$ 7,060	\$ 6,077	\$ 3,853	\$ 3,156	\$ 1,419	\$ 1,154	\$ 2,041	\$ 3,884	\$ 7,204	\$ 11,826	\$ 14,868	\$ 70,526	\$ 18,859	\$ 51,667
393	G-46	\$ -	\$ 955	\$ 1,910	\$ 2,865	\$ 3,820	\$ 4,776	\$ 5,731	\$ 6,686	\$ 7,641	\$ 8,596	\$ 9,551	\$ 10,506	\$ 63,037	\$ 37,249	\$ 25,788
394	G-55	\$ 394	\$ 359	\$ 364	\$ 300	\$ 285	\$ 244	\$ 234	\$ 251	\$ 244	\$ 281	\$ 337	\$ 394	\$ 3,688	\$ 1,539	\$ 2,149
395	G-56	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
396	G-57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
397	G-58	\$ 2,617	\$ 3,778	\$ 3,676	\$ 3,457	\$ 1,997	\$ 1,769	\$ 1,792	\$ 1,792	\$ 1,901	\$ 2,047	\$ 2,957	\$ 3,213	\$ 30,995	\$ 11,298	\$ 19,698
398	MEP Rev	\$ 33,481	\$ 33,300	\$ 31,437	\$ 23,949	\$ 19,191	\$ 15,988	\$ 16,455	\$ 18,052	\$ 22,608	\$ 32,926	\$ 50,357	\$ 61,620	\$ 359,364	\$ 125,220	\$ 234,144
399	div by: MEP Mult	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
400	MEP Parent Rev	\$ 25,755	\$ 25,615	\$ 24,182	\$ 18,422	\$ 14,763	\$ 12,298	\$ 12,658	\$ 13,886	\$ 17,391	\$ 25,328	\$ 38,736	\$ 47,400	\$ 276,434	\$ 96,323	\$ 180,111
401	MEP Premium	\$ 7,726	\$ 7,685	\$ 7,255	\$ 5,527	\$ 4,429	\$ 3,689	\$ 3,797	\$ 4,166	\$ 5,217	\$ 7,598	\$ 11,621	\$ 14,220	\$ 82,930	\$ 28,897	\$ 54,033

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1																
2																
3																
4																
5																
6	EnergyNorth Natural Gas Inc															
7																
8																
9	2019 Customers (Equivalent Bills)															
10		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
11		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Summer	Winter
12	R-1	3,508	3,166	3,512	3,400	3,516	3,401	3,507	3,523	3,415	3,531	3,440	3,543	41,461	20,892	20,569
13	R-3	75,632	68,375	75,759	73,210	75,446	72,802	75,142	75,103	72,752	75,360	73,137	76,026	888,743	446,604	442,139
14	R-4	6,126	5,522	6,093	5,809	5,899	5,633	5,677	5,551	5,305	5,664	5,867	5,854	68,999	33,728	35,271
15	R-5	37	43	47	53	55	63	66	60	67	67	70	70	700	379	321
16	R-6	86	94	100	125	146	180	191	178	202	212	233	237	1,983	1,108	875
17	R-7	1	1	1	2	3	3	3	3	3	3	3	3	29	18	11
18	Total Resid.	85,390	77,202	85,511	82,599	85,064	82,082	84,586	84,418	81,744	84,835	82,750	85,732	1,001,914	502,730	499,185
19	G-41	9,841	8,899	9,855	9,492	9,653	9,176	9,360	9,305	9,014	9,516	9,458	9,856	113,424	56,024	57,400
20	G-42	1,463	1,322	1,463	1,405	1,447	1,394	1,461	1,471	1,419	1,474	1,434	1,479	17,231	8,666	8,565
21	G-43	61	54	60	56	57	54	55	51	50	51	48	53	650	318	332
22	G-44	1	2	2	2	2	2	2	3	3	4	4	4	32	16	16
23	G-45	4	4	4	4	4	4	4	6	7	7	7	7	63	33	30
24	G-46	-	1	2	3	-	5	6	7	8	9	10	11	66	39	27
25	G-51	1,332	1,203	1,332	1,285	1,319	1,275	1,332	1,346	1,298	1,347	1,308	1,345	15,723	7,918	7,806
26	G-52	400	362	402	389	403	390	407	412	398	414	403	417	4,798	2,424	2,374
27	G-53	37	34	35	34	35	34	34	33	33	34	33	34	411	203	207
28	G-54	28	26	29	27	28	27	27	26	25	26	25	27	321	159	162
29	G-55	3	3	3	3	3	3	3	3	3	3	3	3	36	18	18
30	G-56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	G-57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	G-58	1	1	1	1	1	1	1	1	1	1	1	1	12	6	6
33	G-63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Total C/I	13,172	11,909	13,189	12,701	12,956	12,365	12,693	12,665	12,260	12,887	12,734	13,237	152,768	75,825	76,943
35																
36	Total All	98,563	89,112	98,700	95,300	98,020	94,447	97,279	97,083	94,004	97,722	95,484	98,969	1,154,683	578,555	576,128
37																
38																
39	8/1/2021 Permanent Rate Customer Charge (LoIncc and MEP at Parent Rate)															
40		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
41		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19			
42	R-1	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39
43	R-3	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39
44	R-4	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39
45	R-5	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39
46	R-6	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39
47	R-7	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39
48																
49																
50	G-41	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06
51	G-42	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19
52	G-43	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69
53	G-44	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06
54	G-45	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19
55	G-46	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69
56	G-51	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06
57	G-52	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19
58	G-53	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10
59	G-54	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10
60	G-55	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06
61	G-56	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19
62	G-57	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10
63	G-58	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10
64	G-63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
65																
66																
67	2019 Customer Revenue Adjusted															
68		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
69		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Summer	Winter
70	R-1	\$ 53,999	\$ 48,738	\$ 54,054	\$ 52,332	\$ 54,114	\$ 52,344	\$ 53,979	\$ 54,231	\$ 52,568	\$ 54,343	\$ 52,948	\$ 54,528	\$ 638,178	\$ 321,579	\$ 316,599
71	R-3	\$ 1,164,154	\$ 1,052,453	\$ 1,166,103	\$ 1,126,876	\$ 1,161,286	\$ 1,120,595	\$ 1,156,615	\$ 1,156,017	\$ 1,119,820	\$ 1,159,968	\$ 1,125,757	\$ 1,170,218	\$ 13,679,862	\$ 6,874,300	\$ 6,805,562
72	R-4	\$ 94,292	\$ 85,001	\$ 93,781	\$ 89,414	\$ 90,806	\$ 86,703	\$ 87,377	\$ 85,439	\$ 81,657	\$ 87,176	\$ 90,306	\$ 90,109	\$ 1,062,061	\$ 519,157	\$ 542,903
73	R-5	\$ 573	\$ 664	\$ 725	\$ 819	\$ 846	\$ 976	\$ 1,018	\$ 927	\$ 1,035	\$ 1,026	\$ 1,084	\$ 1,076	\$ 10,770	\$ 5,828	\$ 4,942
74	R-6	\$ 1,324	\$ 1,453	\$ 1,541	\$ 1,921	\$ 2,243	\$ 2,764	\$ 2,945	\$ 2,741	\$ 3,110	\$ 3,256	\$ 3,581	\$ 3,641	\$ 30,520	\$ 17,059	\$ 13,461
75	R-7	\$ 16	\$ 16	\$ 15	\$ 28	\$ 46	\$ 48	\$ 48	\$ 43	\$ 48	\$ 46	\$ 48	\$ 46	\$ 448	\$ 279	\$ 169
76	Total Resid.	\$ 1,314,359	\$ 1,188,326	\$ 1,316,220	\$ 1,271,390	\$ 1,309,341	\$ 1,263,429	\$ 1,301,981	\$ 1,299,398	\$ 1,258,238	\$ 1,305,815	\$ 1,273,722	\$ 1,319,619	\$ 15,421,838	\$ 7,738,202	\$ 7,683,636
77																
78	G-41	\$ 561,529	\$ 507,758	\$ 562,327	\$ 541,614	\$ 550,783	\$ 523,578	\$ 534,082	\$ 530,978	\$ 514,355	\$ 542,999	\$ 539,699	\$ 562,373	\$ 6,472,076	\$ 3,196,775	\$ 3,275,300
79	G-42	\$ 250,418	\$ 226,293	\$ 250,450	\$ 240,479	\$ 247,659	\$ 238,612	\$ 250,101	\$ 251,856	\$ 242,995	\$ 252,378	\$ 245,429	\$ 253,164	\$ 2,949,835	\$ 1,483,602	\$ 1,466,233
80	G-43	\$ 44,792	\$ 39,722	\$ 43,984	\$ 41,265	\$ 41,853	\$ 39,673	\$ 40,384	\$ 37,420	\$ 36,735	\$ 37,420	\$ 35,559	\$ 38,571	\$ 477,379	\$ 233,485	\$ 243,894
81	G-44	\$ 86	\$ 107	\$ 118	\$ 114	\$ 118	\$ 114	\$ 124	\$ 177	\$ 171	\$ 234	\$ 228	\$ 236	\$ 1,826	\$ 938	\$ 888
82	G-45	\$ 708	\$ 639	\$ 708	\$ 685	\$ 708	\$ 685	\$ 708	\$ 1,050	\$ 1,198	\$ 1,238	\$ 1,198	\$ 1,238	\$ 10,762	\$ 5,587	\$ 5,176
83	G-46	\$ -	\$ 735	\$ 1,469	\$ 2,204	\$ 2,939	\$ 3,673	\$ 4,408	\$ 5,143	\$ 5,878	\$ 6,612	\$ 7,347	\$ 8,082	\$ 48,490	\$ 28,653	\$ 19,837
84	G-51	\$ 76,005	\$ 68,655	\$ 76,043	\$ 73,314	\$ 75,288	\$ 72,762	\$ 75,992	\$ 76,795	\$ 74,087	\$ 76,877	\$ 74,608	\$ 76,767	\$ 897,192	\$ 451,801	\$ 445,391
85	G-52	\$ 68,562	\$ 61,914	\$ 68,814	\$ 66,642	\$ 68,977	\$ 66,805	\$ 69,728	\$ 70,566	\$ 68,110	\$ 70,810	\$ 69,057	\$ 71,473	\$ 821,458	\$ 414,995	\$ 406,463
86	G-53	\$ 28,127	\$ 25,405	\$ 26,741	\$ 25,707	\$ 26,464	\$ 25,708	\$ 25,959	\$ 24,977	\$ 24,926	\$ 25,783	\$ 24,951	\$ 25,783	\$ 310,531	\$ 153,816	\$ 156,714
87	G-54	\$ 21,465	\$ 19,743	\$ 21,876	\$ 20,541	\$ 21,095	\$ 20,415	\$ 20,717	\$ 19,533	\$ 18,903	\$ 19,533	\$ 18,903	\$ 20,289	\$ 243,011	\$ 120,195	\$ 122,816
88	G-55	\$ 177	\$ 160	\$ 177	\$ 171	\$ 177	\$ 171	\$ 177	\$ 177	\$ 171	\$ 177	\$ 171	\$ 177	\$ 2,083	\$ 1,050	\$ 1,033
89	G-56	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
90	G-57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
91	G-58	\$ 781	\$ 706	\$ 781	\$ 756	\$ 781	\$ 756	\$ 781	\$ 781	\$ 756	\$ 781	\$ 756	\$ 781	\$ 9,199	\$ 4,637	\$ 4,562
92	G-63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
93	Total C/I	\$ 1,052,649	\$ 951,836	\$ 1,053,488	\$ 1,013,493	\$ 1,036,841	\$ 992,953	\$ 1,023,161	\$ 1,019,452	\$ 988,285	\$ 1,034,842	\$ 1,017,907	\$ 1,058,934	\$ 12,243,841	\$ 6,095,534	\$ 6,148,306
94																
95	Total All	\$ 2,367,008	\$ 2,140,162	\$ 2,369,709	\$ 2,284,883	\$ 2,346,182	\$ 2,256,382	\$ 2,325,142	\$ 2,318,850	\$ 2,246,523	\$ 2,340,657	\$ 2,291,628	\$ 2,378,552	\$ 27,665,679	\$ 13,833,736	\$ 13,831,942
96																
97																
98																
99																
100																
101	2019 Calendar BF Volume Headblock Normal															
102		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
103		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Summer	Winter
104	R-1	95,557	82,569	80,566	63,575	50,886	38,836	32,486	33,409	36,089	47,229	67,525	90,789	719,516	238,935	480,581
105	R-3	10,995,892	9,471,587	7,985,971	4,572,048	2,496,464	1,299,969	1,005,616	1,023,429	1,286,283	2,896,887	6,090,250	9,269,106	58,393,504	10,008,648	48,384,856
106	R-4	860,421	734,308	624,873	358,402	193,629	103,678	78,484	77,930	93,563	212,576	472,382	690,360	4,500,606	759,859	3,740,746
107	R-5	2,418	2,166	1,977	1,255	802	477	411	401	537	1,006	1,789	2,314	15,553	3,635	11,918
108	R-6	24,771	22,729	20,328	12,107	7,073	3,298	2,618	2,697	3,953	10,649	23,344	31,643	165,208	30,287	134,921
109	R-7	236	219	205	132	74	29	23	21	31	116	286	395	1,767	293	1,474
110	Total Resid.	11,979,296	10,313,578	8,713,920	5,007,519	2,748,928	1,446,287	1,119,637	1,137,887	1,420,456	3,168,462	6,655,576	10,084,607	63,796,153	11,041,656	52,754,497
111																
112	G-41	938,854	794,541	819,135	579,565	198,063	75,332	57,401	59,559	75,980	211,158	734,621	893,706	5,437,916	677,493	4,760,423
113	G-42	1,504,518	1,277,935	1,389,155	1,137,427	582,671	312,911	253,507	271,655	331,448	611,954	1,343,910	1,500,772	10,517,865	2,364,147	8,153,718
114	G-43	1,906,787	1,616,732	1,482,602	959,217	628,323	352,314	290,119	308,616	352,223	641,510	1,145,200	1,677,651	11,361,293	2,573,105	8,788,188
115	G-44	145	172	169	126	34	25	26	27	47	121	320	380	1,591	279	1,312
116	G-45	4,133	3,733	4,086	3,372	1,827	895	423	1,124	2,393	3,492	6,594	7,233	39,305	10,153	29,152
117	G-46	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
118	G-51	98,594	84,356	91,786	85,450	84,160	78,080	78,754	81,716	78,900	82,086	91,301	96,060	1,031,243	483,696	547,547
119	G-52	408,565	346,377	379,420	357,254	347,191	321,990	329,173	345,439	330,788	352,795	391,276	407,428	4,317,695	2,027,375	2,290,320
120	G-53	1,323,942	1,077,007	1,041,553	825,450	753,147	647,603	663,090	697,644	647,913	782,805	896,286	1,069,009	10,425,448	4,192,201	6,233,247
121	G-54	1,327,434	1,206,315	1,185,882	1,309,095	1,639,560	1,668,852	1,770,028	1,766,454	1,625,766	1,665,368	1,544,839	1,293,390	18,002,982	10,136,028	7,866,954
122	G-55	122	108	113	118	113	58	12	57	59	103	114	118	1,095	402	693
123	G-56	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
124	G-57	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
125	G-58	19,016	33,980	31,595	29,380	21,467	17,183	16,968	16,982	20,073	22,561	23,451	26,099	278,754	115,234	163,520
126	G-63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
127	Total C/I	7,532,111	6,441,256	6,425,495	5,286,454	4,256,556	3,475,241	3,459,500	3,549,272	3,465,591	4,373,953	6,177,913	6,971,845	61,415,187	22,580,113	38,835,074
128																
129	Total All	19,511,407	16,754,835	15,139,415	10,293,973	7,005,484	4,921,528	4,579,137	4,687,159	4,886,047	7,542,415	12,833,489	17,056,452	125,211,341	33,621,770	91,589,517

ENERGY COMPONENT

HEADBLOCK

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
130																
131																
132	8/1/2021 Permanent Rate Headblock Charge (LoInc and MEP at Parent Rate)															
133		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	
134		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19			
135	R-1	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	
136	R-3	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	
137	R-4	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	
138	R-5	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	
139	R-6	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	
140	R-7	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	
141																
142																
143	G-41	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	
144	G-42	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	
145	G-43	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	
146	G-44	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	
147	G-45	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	
148	G-46	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	
149	G-51	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	
150	G-52	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	
151	G-53	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	
152	G-54	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	
153	G-55	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	
154	G-56	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	
155	G-57	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	
156	G-58	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	
157	G-63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
158																
159																
160	2019 Calendar BF Volume Headblock Normal Revenue Adjusted															
161		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	
162		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Summer	Winter
163	R-1	\$ 36,729	\$ 31,736	\$ 30,967	\$ 24,436	\$ 19,559	\$ 14,927	\$ 12,487	\$ 12,841	\$ 13,871	\$ 18,153	\$ 25,954	\$ 34,896	\$ 276,556	\$ 91,838	\$ 184,718
164	R-3	\$ 6,193,274	\$ 5,334,732	\$ 4,497,981	\$ 2,575,139	\$ 1,406,097	\$ 732,188	\$ 566,398	\$ 576,431	\$ 724,480	\$ 1,631,629	\$ 3,430,244	\$ 5,220,687	\$ 32,889,280	\$ 5,637,223	\$ 27,252,057
165	R-4	\$ 484,620	\$ 413,588	\$ 351,951	\$ 201,864	\$ 109,059	\$ 58,395	\$ 44,205	\$ 43,893	\$ 52,698	\$ 119,730	\$ 266,062	\$ 388,835	\$ 2,534,900	\$ 427,979	\$ 2,106,920
166	R-5	\$ 929	\$ 833	\$ 760	\$ 482	\$ 308	\$ 183	\$ 158	\$ 154	\$ 206	\$ 387	\$ 688	\$ 889	\$ 5,978	\$ 1,397	\$ 4,581
167	R-6	\$ 13,952	\$ 12,802	\$ 11,449	\$ 6,819	\$ 3,984	\$ 1,857	\$ 1,474	\$ 1,519	\$ 2,227	\$ 5,998	\$ 13,148	\$ 17,822	\$ 93,051	\$ 17,059	\$ 75,992
168	R-7	\$ 133	\$ 124	\$ 116	\$ 74	\$ 42	\$ 16	\$ 13	\$ 12	\$ 17	\$ 65	\$ 161	\$ 223	\$ 995	\$ 165	\$ 830
169	Total Resid.	\$ 6,729,637	\$ 5,793,814	\$ 4,893,223	\$ 2,808,815	\$ 1,539,048	\$ 807,568	\$ 624,735	\$ 634,850	\$ 793,499	\$ 1,775,962	\$ 3,736,257	\$ 5,663,353	\$ 35,800,761	\$ 6,175,662	\$ 29,625,099
170																
171	G-41	\$ 440,118	\$ 372,466	\$ 383,995	\$ 271,690	\$ 92,849	\$ 35,314	\$ 26,908	\$ 27,920	\$ 35,618	\$ 98,987	\$ 344,377	\$ 418,953	\$ 2,549,195	\$ 317,596	\$ 2,231,599
172	G-42	\$ 641,003	\$ 544,467	\$ 591,852	\$ 484,604	\$ 248,248	\$ 133,316	\$ 108,007	\$ 115,739	\$ 141,214	\$ 260,725	\$ 572,576	\$ 639,407	\$ 4,481,160	\$ 1,007,250	\$ 3,473,910
173	G-43	\$ 499,538	\$ 423,550	\$ 388,410	\$ 251,295	\$ 75,271	\$ 42,206	\$ 34,755	\$ 36,971	\$ 42,195	\$ 76,850	\$ 300,018	\$ 439,509	\$ 2,610,567	\$ 308,247	\$ 2,302,320
174	G-44	\$ 68	\$ 81	\$ 79	\$ 59	\$ 16	\$ 12	\$ 12	\$ 13	\$ 22	\$ 57	\$ 150	\$ 178	\$ 746	\$ 131	\$ 615
175	G-45	\$ 1,761	\$ 1,591	\$ 1,741	\$ 1,437	\$ 778	\$ 381	\$ 180	\$ 479	\$ 1,019	\$ 1,488	\$ 2,809	\$ 3,082	\$ 16,746	\$ 4,326	\$ 12,420
176	G-46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
177	G-51	\$ 27,794	\$ 23,780	\$ 25,874	\$ 24,088	\$ 23,725	\$ 22,011	\$ 22,201	\$ 23,036	\$ 22,242	\$ 23,140	\$ 25,738	\$ 27,079	\$ 290,708	\$ 136,354	\$ 154,354
178	G-52	\$ 99,216	\$ 84,114	\$ 92,138	\$ 86,755	\$ 61,082	\$ 56,648	\$ 57,912	\$ 60,774	\$ 58,196	\$ 62,068	\$ 95,017	\$ 98,940	\$ 912,860	\$ 356,680	\$ 556,180
179	G-53	\$ 224,734	\$ 182,818	\$ 176,799	\$ 140,117	\$ 61,335	\$ 52,740	\$ 54,001	\$ 56,815	\$ 52,765	\$ 63,750	\$ 152,141	\$ 181,460	\$ 1,399,474	\$ 341,405	\$ 1,058,069
180	G-54	\$ 85,970	\$ 78,126	\$ 76,803	\$ 84,783	\$ 57,667	\$ 58,697	\$ 62,255	\$ 62,130	\$ 57,181	\$ 58,574	\$ 100,050	\$ 83,766	\$ 866,002	\$ 356,504	\$ 509,498
181	G-55	\$ 35	\$ 30	\$ 32	\$ 33	\$ 32	\$ 16	\$ 3	\$ 16	\$ 17	\$ 29	\$ 32	\$ 33	\$ 309	\$ 113	\$ 195
182	G-56	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
183	G-57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
184	G-58	\$ 1,232	\$ 2,201	\$ 2,046	\$ 1,903	\$ 755	\$ 604	\$ 597	\$ 597	\$ 706	\$ 794	\$ 1,519	\$ 1,690	\$ 14,643	\$ 4,053	\$ 10,590
185	G-63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
186	Total C/I	\$ 2,021,468	\$ 1,713,223	\$ 1,739,771	\$ 1,346,763	\$ 621,757	\$ 401,945	\$ 366,832	\$ 384,489	\$ 411,176	\$ 646,461	\$ 1,594,428	\$ 1,894,097	\$ 13,142,410	\$ 2,832,661	\$ 10,309,750
187																
188	Total All	\$ 8,751,105	\$ 7,507,038	\$ 6,632,994	\$ 4,155,578	\$ 2,160,805	\$ 1,209,513	\$ 991,567	\$ 1,019,339	\$ 1,204,675	\$ 2,422,423	\$ 5,330,685	\$ 7,557,450	\$ 48,943,171	\$ 9,008,322	\$ 39,934,849

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
189																
190																
191																
192	2019 Calendar BF Volume Tailblock Normal															
193		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
194		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Summer	Winter
195	R-1	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
196	R-3	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
197	R-4	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
198	R-5	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
199	R-6	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
200	R-7	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
201	Total Resid.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
202																
203	G-41	4,192,321	3,618,435	2,771,919	1,279,830	677,992	282,997	182,981	186,839	283,398	815,867	1,839,733	3,274,576	19,406,887	2,430,074	16,976,813
204	G-42	4,993,837	4,384,441	3,432,154	1,678,339	920,506	393,261	257,138	270,072	445,725	1,161,487	2,337,282	4,113,365	24,387,607	3,448,189	20,939,418
205	G-43	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
206	G-44	690	599	402	151	119	47	37	51	123	1,001	2,130	3,159	8,509	1,378	7,131
207	G-45	12,933	11,275	7,842	2,966	3,316	91	0	146	2,712	9,915	17,923	25,064	94,184	16,180	78,004
208	G-46	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
209	G-51	406,809	355,956	330,828	250,227	212,567	169,806	151,628	175,563	174,546	203,204	273,937	360,221	3,065,292	1,087,314	1,977,978
210	G-52	774,138	677,278	622,387	440,299	319,812	237,157	220,416	244,004	266,255	358,457	510,669	675,601	5,346,473	1,646,101	3,700,373
211	G-53	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
212	G-54	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
213	G-55	499	469	391	145	58	0	0	0	0	54	307	507	2,430	112	2,318
214	G-56	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
215	G-57	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
216	G-58	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
217	G-63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
218	Total C/I	10,381,227	9,048,454	7,165,922	3,651,956	2,134,369	1,083,358	812,201	876,674	1,172,760	2,549,986	4,981,982	8,452,494	52,311,383	8,629,348	43,682,035
219																
220	Total All	10,381,227	9,048,454	7,165,922	3,651,956	2,134,369	1,083,358	812,201	876,674	1,172,760	2,549,986	4,981,982	8,452,494	52,311,383	8,629,348	43,682,035
221																
222																
223	8/1/2021 Permanent Rate Tailblock Charge (LoIncc and MEP at Parent Rate)															
224		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T			
225		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19			
226	R-1	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844			
227	R-3	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632			
228	R-4	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632			
229	R-5	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844			
230	R-6	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632			
231	R-7	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632			
232		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
233		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
234	G-41	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149			
235	G-42	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839			
236	G-43	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620			
237	G-44	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149			
238	G-45	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839			
239	G-46	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620			
240	G-51	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833			
241	G-52	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617			
242	G-53	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697			
243	G-54	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648			
244	G-55	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833			
245	G-56	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617			
246	G-57	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697			
247	G-58	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648			
248	G-63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
249																
250																
251	2019 Calendar BF Volume Tailblock Normal Revenue Adjusted															
252		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
253		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Summer	Winter
254	R-1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
255	R-3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
256	R-4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
257	R-5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
258	R-6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
259	R-7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
260	Total Resid.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
261																
262	G-41	\$ 1,320,340	\$ 1,139,599	\$ 872,995	\$ 403,073	\$ 213,528	\$ 89,128	\$ 57,629	\$ 58,843	\$ 89,254	\$ 256,951	\$ 579,410	\$ 1,031,303	\$ 6,112,053	\$ 765,334	\$ 5,346,720
263	G-42	\$ 1,417,927	\$ 1,244,898	\$ 974,510	\$ 476,540	\$ 261,364	\$ 111,661	\$ 73,011	\$ 76,683	\$ 126,557	\$ 329,787	\$ 663,637	\$ 1,167,930	\$ 6,924,504	\$ 979,063	\$ 5,945,441
264	G-43	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
265	G-44	\$ 217	\$ 189	\$ 127	\$ 48	\$ 37	\$ 15	\$ 12	\$ 16	\$ 39	\$ 315	\$ 671	\$ 995	\$ 2,680	\$ 434	\$ 2,246
266	G-45	\$ 3,672	\$ 3,201	\$ 2,227	\$ 842	\$ 942	\$ 26	\$ -	\$ 41	\$ 770	\$ 2,815	\$ 5,089	\$ 7,117	\$ 26,742	\$ 4,594	\$ 22,148
267	G-46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
268	G-51	\$ 74,568	\$ 65,247	\$ 60,641	\$ 45,867	\$ 38,964	\$ 31,125	\$ 27,793	\$ 32,181	\$ 31,994	\$ 37,247	\$ 50,213	\$ 66,028	\$ 561,868	\$ 199,305	\$ 362,563
269	G-52	\$ 125,173	\$ 109,512	\$ 100,636	\$ 71,194	\$ 31,970	\$ 23,707	\$ 22,034	\$ 24,391	\$ 26,616	\$ 35,833	\$ 82,572	\$ 109,241	\$ 762,878	\$ 164,550	\$ 598,328
270	G-53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
271	G-54	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
272	G-55	\$ 91	\$ 86	\$ 72	\$ 27	\$ 11	\$ -	\$ -	\$ -	\$ -	\$ 10	\$ 56	\$ 93	\$ 445	\$ 21	\$ 425
273	G-56	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
274	G-57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
275	G-58	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
276	G-63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
277	Total C/I	\$ 2,941,989	\$ 2,562,731	\$ 2,011,207	\$ 997,589	\$ 546,815	\$ 255,661	\$ 180,478	\$ 192,156	\$ 275,230	\$ 662,959	\$ 1,381,648	\$ 2,382,707	\$ 14,391,170	\$ 2,113,299	\$ 12,277,871
278																
279	Total All	\$ 2,941,989	\$ 2,562,731	\$ 2,011,207	\$ 997,589	\$ 546,815	\$ 255,661	\$ 180,478	\$ 192,156	\$ 275,230	\$ 662,959	\$ 1,381,648	\$ 2,382,707	\$ 14,391,170	\$ 2,113,299	\$ 12,277,871
280																
281	HEADBLOCK + TAILBLOCK															
282																
283	2019 Calendar BF Volume Headblock + Tailblock Normal															
284		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
285		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Summer	Winter
286	R-1	95,557	82,569	80,566	63,575	50,886	38,836	32,486	33,409	36,089	47,229	67,525	90,789	719,516	238,935	480,581
287	R-3	10,995,892	9,471,587	7,985,971	4,572,048	2,496,464	1,299,969	1,005,616	1,023,429	1,286,283	2,896,887	6,090,250	9,269,106	58,393,504	10,008,648	48,384,856
288	R-4	860,421	734,308	624,873	358,402	193,629	103,678	78,484	77,930	93,563	212,576	472,382	690,360	4,500,606	759,859	3,740,746
289	R-5	2,418	2,166	1,977	1,255	802	477	411	401	537	1,006	1,789	2,314	15,553	3,635	11,918
290	R-6	24,771	22,729	20,328	12,107	7,073	3,298	2,618	2,697	3,953	10,649	23,344	31,643	165,208	30,287	134,921
291	R-7	236	219	205	132	74	29	23	21	31	116	286	395	1,767	293	1,474
292	Total Resid.	11,979,296	10,313,578	8,713,920	5,007,519	2,748,928	1,446,287	1,119,637	1,137,887	1,420,456	3,168,462	6,655,576	10,084,607	63,796,153	11,041,656	52,754,497
293																
294	G-41	5,131,175	4,412,977	3,591,054	1,859,395	876,055	358,328	240,382	246,398	359,378	1,027,025	2,574,354	4,168,281	24,844,803	3,107,567	21,737,235
295	G-42	6,498,355	5,662,376	4,821,309	2,815,766	1,503,176	706,171	510,646	541,727	777,174	1,773,442	3,681,192	5,614,137	34,905,472	5,812,336	29,093,136
296	G-43	1,906,787	1,616,732	1,482,602	959,217	628,323	352,314	290,119	308,616	352,223	641,510	1,145,200	1,677,651	11,361,293	2,573,105	8,788,188
297	G-44	835	771	571	277	153	72	63	78	105	1,122	2,450	3,539	10,101	1,657	8,443
298	G-45	17,066	15,009	11,928	6,338	5,143	985	423	1,270	1,705	13,408	24,517	32,298	133,489	26,334	107,156
299	G-46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	G-51	505,403	440,313	422,614	335,677	296,727	247,885	230,382	257,279	253,447	285,290	365,238	456,281	4,096,535	1,571,010	2,525,525
301	G-52	1,182,704	1,023,656	1,001,806	797,552	667,003	559,146	549,589	589,443	597,042	711,252	901,946	1,083,029	9,664,169	3,673,476	5,990,693
302	G-53	1,323,942	1,077,007	1,041,553	825,450	753,147	647,603	663,090	697,644	647,913	782,805	896,286	1,069,009	10,425,448	4,192,201	6,233,247
303	G-54	1,327,434	1,206,315	1,185,882	1,309,095	1,639,560	1,668,852	1,770,028	1,766,454	1,625,766	1,665,368	1,544,839	1,293,390	18,002,982	10,136,028	7,866,954
304	G-55	621	577	504	263	172	58	12	57	59	157	421	625	3,525	514	3,011
305	G-56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
306	G-57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
307	G-58	19,016	33,980	31,595	29,380	21,467	17,183	16,968	16,982	20,073	22,561	23,451	26,099	278,754	115,234	163,520
308	G-63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
309	Total C/I	17,913,338	15,489,710	13,591,417	8,938,410	6,390,925	4,558,598	4,271,701	4,425,946	4,638,351	6,923,940	11,159,895	15,424,339	113,726,570	31,209,461	82,517,109
310																
311	Total All	29,892,634	25,803,289	22,305,337	13,945,930	9,139,853	6,004,885	5,391,338	5,563,833	6,058,806	10,092,402	17,815,471	25,508,946	177,522,724	42,251,117	135,271,607

Docket No. DG 22-045
Exhibit 39
Liberty Utilities (Energy/North Natural Gas) Corp.
Docket DG 20-105
Revenue Decoupling Adjustment
2019 Test Year Revenues
Permanent Rates Eff. 8/1/2021

Docket No. DG 22-045
Attachment 22-045 RR 1.3B
Page 6 of 7

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
312																
313																
314	2019 Calendar BF Volume Headblock + Tailblock Normal Revenue Adjusted															
315		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
316		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Summer	Winter
317	R-1	\$ 36,729	\$ 31,736	\$ 30,967	\$ 24,436	\$ 19,559	\$ 14,927	\$ 12,487	\$ 12,841	\$ 13,871	\$ 18,153	\$ 25,954	\$ 34,896	\$ 276,556	\$ 91,838	\$ 184,718
318	R-3	\$ 6,193,274	\$ 5,334,732	\$ 4,497,981	\$ 2,575,139	\$ 1,406,097	\$ 732,188	\$ 566,398	\$ 576,431	\$ 724,480	\$ 1,631,629	\$ 3,430,244	\$ 5,220,687	\$ 32,889,280	\$ 5,637,223	\$ 27,252,057
319	R-4	\$ 484,620	\$ 413,588	\$ 351,951	\$ 201,864	\$ 109,059	\$ 58,395	\$ 44,205	\$ 43,893	\$ 52,698	\$ 119,730	\$ 266,062	\$ 388,835	\$ 2,534,900	\$ 427,979	\$ 2,106,920
320	R-5	\$ 929	\$ 833	\$ 760	\$ 482	\$ 308	\$ 183	\$ 158	\$ 154	\$ 206	\$ 387	\$ 688	\$ 889	\$ 5,978	\$ 1,397	\$ 4,581
321	R-6	\$ 13,952	\$ 12,802	\$ 11,449	\$ 6,819	\$ 3,984	\$ 1,857	\$ 1,474	\$ 1,519	\$ 2,227	\$ 5,998	\$ 13,148	\$ 17,822	\$ 93,051	\$ 17,059	\$ 75,992
322	R-7	\$ 133	\$ 124	\$ 116	\$ 74	\$ 42	\$ 16	\$ 13	\$ 12	\$ 17	\$ 65	\$ 161	\$ 223	\$ 995	\$ 165	\$ 830
323	Total Resid.	\$ 6,729,637	\$ 5,793,814	\$ 4,893,223	\$ 2,808,815	\$ 1,539,048	\$ 807,568	\$ 624,735	\$ 634,850	\$ 793,499	\$ 1,775,962	\$ 3,736,257	\$ 5,663,353	\$ 35,800,761	\$ 6,175,662	\$ 29,625,099
324																
325	G-41	\$ 1,760,458	\$ 1,512,065	\$ 1,256,990	\$ 674,762	\$ 306,377	\$ 124,442	\$ 84,537	\$ 86,764	\$ 124,872	\$ 355,938	\$ 923,787	\$ 1,450,256	\$ 8,661,249	\$ 1,082,930	\$ 7,578,319
326	G-42	\$ 2,058,930	\$ 1,789,365	\$ 1,566,362	\$ 961,143	\$ 509,612	\$ 244,977	\$ 181,018	\$ 192,422	\$ 267,772	\$ 590,512	\$ 1,236,213	\$ 1,807,337	\$ 11,405,663	\$ 1,986,313	\$ 9,419,351
327	G-43	\$ 499,538	\$ 423,550	\$ 388,410	\$ 251,295	\$ 75,271	\$ 42,206	\$ 34,755	\$ 36,971	\$ 42,195	\$ 76,850	\$ 300,018	\$ 439,507	\$ 2,610,567	\$ 308,247	\$ 2,302,320
328	G-44	\$ 285	\$ 269	\$ 206	\$ 107	\$ 53	\$ 26	\$ 24	\$ 29	\$ 61	\$ 372	\$ 821	\$ 1,173	\$ 3,426	\$ 565	\$ 2,861
329	G-45	\$ 5,433	\$ 4,792	\$ 3,967	\$ 2,279	\$ 1,720	\$ 407	\$ 180	\$ 520	\$ 1,790	\$ 4,303	\$ 7,898	\$ 10,198	\$ 43,488	\$ 8,920	\$ 34,568
330	G-46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
331	G-51	\$ 102,362	\$ 89,027	\$ 86,515	\$ 69,955	\$ 62,688	\$ 53,136	\$ 49,994	\$ 55,216	\$ 54,236	\$ 60,387	\$ 75,951	\$ 93,108	\$ 852,576	\$ 335,659	\$ 516,917
332	G-52	\$ 224,389	\$ 193,626	\$ 192,774	\$ 157,949	\$ 93,051	\$ 80,355	\$ 79,945	\$ 85,165	\$ 84,812	\$ 97,900	\$ 177,589	\$ 208,180	\$ 1,675,738	\$ 521,230	\$ 1,154,508
333	G-53	\$ 224,734	\$ 182,818	\$ 176,799	\$ 140,117	\$ 61,335	\$ 52,740	\$ 54,001	\$ 56,815	\$ 52,765	\$ 63,750	\$ 152,141	\$ 181,460	\$ 1,399,474	\$ 341,405	\$ 1,058,069
334	G-54	\$ 85,970	\$ 78,126	\$ 76,803	\$ 84,783	\$ 57,667	\$ 58,697	\$ 62,255	\$ 62,130	\$ 57,181	\$ 58,574	\$ 100,050	\$ 83,766	\$ 866,002	\$ 356,504	\$ 509,498
335	G-55	\$ 126	\$ 116	\$ 103	\$ 60	\$ 43	\$ 16	\$ 3	\$ 16	\$ 17	\$ 39	\$ 88	\$ 126	\$ 754	\$ 134	\$ 620
336	G-56	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
337	G-57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
338	G-58	\$ 1,232	\$ 2,201	\$ 2,046	\$ 1,903	\$ 755	\$ 604	\$ 597	\$ 597	\$ 706	\$ 794	\$ 1,519	\$ 1,690	\$ 14,643	\$ 4,053	\$ 10,590
339	G-63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
340	Total C/I	\$ 4,963,457	\$ 4,275,955	\$ 3,750,978	\$ 2,344,352	\$ 1,168,572	\$ 657,606	\$ 547,310	\$ 576,645	\$ 686,406	\$ 1,309,420	\$ 2,976,076	\$ 4,276,804	\$ 27,533,581	\$ 4,945,960	\$ 22,587,620
341																
342	Total All	\$ 11,693,094	\$ 10,069,769	\$ 8,644,200	\$ 5,153,167	\$ 2,707,620	\$ 1,465,174	\$ 1,172,045	\$ 1,211,495	\$ 1,479,906	\$ 3,085,382	\$ 6,712,333	\$ 9,940,156	\$ 63,334,341	\$ 11,121,622	\$ 52,212,719
343																
344	TOTAL REVENUE															
345																
346	2019 Calendar BF Base Normal Revenue Adjusted															
347		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
348		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Summer	Winter
349	R-1	\$ 90,728	\$ 80,475	\$ 85,021	\$ 76,768	\$ 73,673	\$ 67,271	\$ 66,465	\$ 67,072	\$ 66,440	\$ 72,496	\$ 78,902	\$ 89,424	\$ 914,734	\$ 413,417	\$ 501,317
350	R-3	\$ 7,357,429	\$ 6,387,185	\$ 5,664,084	\$ 3,702,015	\$ 2,567,382	\$ 1,852,783	\$ 1,723,013	\$ 1,732,448	\$ 1,844,300	\$ 2,791,597	\$ 4,556,000	\$ 6,390,905	\$ 46,569,142	\$ 12,511,524	\$ 34,057,618
351	R-4	\$ 578,912	\$ 498,589	\$ 445,732	\$ 291,278	\$ 199,865	\$ 145,098	\$ 131,581	\$ 129,332	\$ 134,354	\$ 206,906	\$ 356,368	\$ 478,944	\$ 3,596,960	\$ 947,137	\$ 2,649,824
352	R-5	\$ 1,502	\$ 1,497	\$ 1,485	\$ 1,302	\$ 1,154	\$ 1,160	\$ 1,176	\$ 1,081	\$ 1,241	\$ 1,412	\$ 1,771	\$ 1,966	\$ 16,748	\$ 7,225	\$ 9,523
353	R-6	\$ 15,276	\$ 14,255	\$ 12,990	\$ 8,739	\$ 6,227	\$ 4,621	\$ 4,419	\$ 4,260	\$ 5,337	\$ 9,254	\$ 16,729	\$ 21,463	\$ 123,571	\$ 34,118	\$ 89,453
354	R-7	\$ 149	\$ 139	\$ 131	\$ 103	\$ 88	\$ 64	\$ 61	\$ 55	\$ 65	\$ 111	\$ 209	\$ 269	\$ 1,443	\$ 444	\$ 1,000
355	Total Resid.	\$ 8,043,996	\$ 6,982,140	\$ 6,209,443	\$ 4,080,206	\$ 2,848,389	\$ 2,070,997	\$ 1,926,716	\$ 1,934,248	\$ 2,051,737	\$ 3,081,777	\$ 5,009,979	\$ 6,982,972	\$ 51,222,598	\$ 13,913,863	\$ 37,308,735
356																
357	G-41	\$ 2,321,986	\$ 2,019,824	\$ 1,819,317	\$ 1,216,377	\$ 857,159	\$ 648,020	\$ 618,619	\$ 617,742	\$ 639,227	\$ 898,937	\$ 1,463,486	\$ 2,012,629	\$ 15,133,324	\$ 4,279,705	\$ 10,853,619
358	G-42	\$ 2,309,349	\$ 2,015,658	\$ 1,816,812	\$ 1,201,622	\$ 757,271	\$ 483,589	\$ 431,119	\$ 444,278	\$ 510,767	\$ 842,890	\$ 1,481,642	\$ 2,060,501	\$ 14,355,498	\$ 3,469,915	\$ 10,885,583
359	G-43	\$ 544,330	\$ 463,272	\$ 432,394	\$ 292,560	\$ 117,124	\$ 81,879	\$ 75,139	\$ 74,391	\$ 78,930	\$ 114,271	\$ 335,577	\$ 478,080	\$ 3,087,946	\$ 541,733	\$ 2,546,213
360	G-44	\$ 371	\$ 376	\$ 324	\$ 221	\$ 171	\$ 141	\$ 147	\$ 206	\$ 232	\$ 606	\$ 1,049	\$ 1,409	\$ 5,252	\$ 1,503	\$ 3,749
361	G-45	\$ 6,141	\$ 5,431	\$ 4,675	\$ 2,964	\$ 2,427	\$ 1,092	\$ 888	\$ 1,570	\$ 2,988	\$ 5,542	\$ 9,097	\$ 11,437	\$ 54,251	\$ 14,507	\$ 39,744
362	G-46	\$ -	\$ 735	\$ 1,469	\$ 2,204	\$ 2,939	\$ 3,673	\$ 4,408	\$ 5,143	\$ 5,878	\$ 6,612	\$ 7,347	\$ 8,082	\$ 48,490	\$ 28,653	\$ 19,837
363	G-51	\$ 178,367	\$ 157,682	\$ 162,559	\$ 143,269	\$ 137,976	\$ 125,898	\$ 125,986	\$ 132,011	\$ 128,324	\$ 137,264	\$ 150,558	\$ 169,875	\$ 1,749,768	\$ 787,460	\$ 962,309
364	G-52	\$ 292,951	\$ 255,540	\$ 261,588	\$ 224,591	\$ 162,029	\$ 147,160	\$ 149,673	\$ 155,731	\$ 152,922	\$ 168,710	\$ 246,647	\$ 279,653	\$ 2,497,195	\$ 936,224	\$ 1,560,971
365	G-53	\$ 252,861	\$ 208,223	\$ 203,540	\$ 165,824	\$ 87,799	\$ 78,447	\$ 79,960	\$ 81,791	\$ 77,691	\$ 89,533	\$ 177,092	\$ 207,243	\$ 1,710,005	\$ 495,222	\$ 1,214,783
366	G-54	\$ 107,435	\$ 97,869	\$ 98,679	\$ 105,323	\$ 78,762	\$ 79,112	\$ 82,973	\$ 81,662	\$ 76,084	\$ 78,107	\$ 118,953	\$ 104,054	\$ 1,109,013	\$ 476,699	\$ 632,314
367	G-55	\$ 303	\$ 276	\$ 280	\$ 231	\$ 220	\$ 187	\$ 180	\$ 193	\$ 188	\$ 216	\$ 260	\$ 303	\$ 2,837	\$ 1,184	\$ 1,653
368	G-56	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
369	G-57	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
370	G-58	\$ 2,013	\$ 2,906	\$ 2,828	\$ 2,659	\$ 1,536	\$ 1,360	\$ 1,378	\$ 1,379	\$ 1,462	\$ 1,575	\$ 2,275	\$ 2,472	\$ 23,843	\$ 8,690	\$ 15,152
371	G-63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
372	Total C/I	\$ 6,016,106	\$ 5,227,791	\$ 4,804,466	\$ 3,357,844	\$ 2,205,413	\$ 1,650,559	\$ 1,570,471	\$ 1,596,097	\$ 1,674,692	\$ 2,344,263	\$ 3,993,982	\$ 5,335,737	\$ 39,777,421	\$ 11,041,495	\$ 28,735,927
373																
374	Total All	\$ 14,060,102	\$ 12,209,931	\$ 11,013,909	\$ 7,438,050	\$ 5,053,802	\$ 3,721,556	\$ 3,497,187	\$ 3,530,345	\$ 3,726,429	\$ 5,426,039	\$ 9,003,961	\$ 12,318,709	\$ 91,000,020	\$ 24,955,358	\$ 66,044,662

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
375																
376																
377																
378	BASE REVENUE PER CUSTOMER															
379	Consolidated	2019 Calendar	BF Base	Normal	Revenue	Adjusted										
380		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
381		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Summer	Winter
382	R-1/5	\$ 92,230	\$ 81,972	\$ 86,506	\$ 78,070	\$ 74,827	\$ 68,431	\$ 67,641	\$ 68,153	\$ 67,681	\$ 73,908	\$ 80,673	\$ 91,390	\$ 931,482	\$ 420,642	\$ 510,841
383	R-3/4/6/7	\$ 7,951,766	\$ 6,900,169	\$ 6,122,937	\$ 4,002,135	\$ 2,773,562	\$ 2,002,567	\$ 1,859,075	\$ 1,866,094	\$ 1,984,056	\$ 3,007,868	\$ 4,929,306	\$ 6,891,582	\$ 50,291,116	\$ 13,493,222	\$ 36,797,894
384	Total Resid.	\$ 8,043,996	\$ 6,982,140	\$ 6,209,443	\$ 4,080,206	\$ 2,848,389	\$ 2,070,997	\$ 1,926,716	\$ 1,934,248	\$ 2,051,737	\$ 3,081,777	\$ 5,009,979	\$ 6,982,972	\$ 51,222,598	\$ 13,913,863	\$ 37,308,735
385																
386	G-41/44	\$ 2,322,357	\$ 2,020,199	\$ 1,819,641	\$ 1,216,597	\$ 857,331	\$ 648,161	\$ 618,766	\$ 617,948	\$ 639,459	\$ 899,543	\$ 1,464,535	\$ 2,014,038	\$ 15,138,576	\$ 4,281,208	\$ 10,857,368
387	G-42/45	\$ 2,315,489	\$ 2,021,089	\$ 1,821,487	\$ 1,204,586	\$ 759,699	\$ 484,681	\$ 432,007	\$ 445,848	\$ 513,755	\$ 848,432	\$ 1,490,738	\$ 2,071,938	\$ 14,409,749	\$ 3,484,421	\$ 10,925,327
388	G-43/46	\$ 544,330	\$ 464,007	\$ 433,863	\$ 294,764	\$ 120,062	\$ 85,553	\$ 79,547	\$ 79,534	\$ 84,807	\$ 120,883	\$ 342,924	\$ 486,162	\$ 3,136,436	\$ 570,386	\$ 2,566,050
389	G-51/55	\$ 178,670	\$ 157,958	\$ 162,839	\$ 143,500	\$ 138,196	\$ 126,086	\$ 126,167	\$ 132,204	\$ 128,511	\$ 137,480	\$ 150,818	\$ 170,178	\$ 1,752,605	\$ 788,643	\$ 963,962
390	G-52/56	\$ 292,951	\$ 255,540	\$ 261,588	\$ 224,591	\$ 162,029	\$ 147,160	\$ 149,673	\$ 155,731	\$ 152,922	\$ 168,710	\$ 246,647	\$ 279,653	\$ 2,497,195	\$ 936,224	\$ 1,560,971
391	G-53/57	\$ 252,861	\$ 208,223	\$ 203,540	\$ 165,824	\$ 87,799	\$ 78,447	\$ 79,960	\$ 81,791	\$ 77,691	\$ 89,533	\$ 177,092	\$ 207,243	\$ 1,710,005	\$ 495,222	\$ 1,214,783
392	G-54/58	\$ 109,448	\$ 100,775	\$ 101,507	\$ 107,982	\$ 80,298	\$ 80,472	\$ 84,351	\$ 83,041	\$ 77,546	\$ 79,682	\$ 121,228	\$ 106,526	\$ 1,132,856	\$ 485,390	\$ 647,466
393	G-63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
394	Total C/I	\$ 6,016,106	\$ 5,227,791	\$ 4,804,466	\$ 3,357,844	\$ 2,205,413	\$ 1,650,559	\$ 1,570,471	\$ 1,596,097	\$ 1,674,692	\$ 2,344,263	\$ 3,993,982	\$ 5,335,737	\$ 39,777,421	\$ 11,041,495	\$ 28,735,927
395																
396	Total All	\$ 14,060,102	\$ 12,209,931	\$ 11,013,909	\$ 7,438,050	\$ 5,053,802	\$ 3,721,556	\$ 3,497,187	\$ 3,530,345	\$ 3,726,429	\$ 5,426,039	\$ 9,003,961	\$ 12,318,709	\$ 91,000,020	\$ 24,955,358	\$ 66,044,662
397																
398																
399	Consolidated	2019 Customers	(Equivalent	Bills)												
400		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
401		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Summer	Winter
402	R-1/5	3,545	3,210	3,559	3,453	3,571	3,464	3,573	3,583	3,482	3,597	3,510	3,612	42,160	21,271	20,890
403	R-3/4/6/7	81,845	73,993	81,952	79,146	81,494	78,618	81,013	80,835	78,262	81,238	79,240	82,120	959,754	481,459	478,295
404																
405	Total Resid.	85,390	77,202	85,511	82,599	85,064	82,082	84,586	84,418	81,744	84,835	82,750	85,732	1,001,914	502,730	499,185
406																
407	G-41/44	9,842	8,900	9,857	9,494	9,655	9,178	9,362	9,309	9,017	9,520	9,462	9,860	113,456	56,040	57,416
408	G-42/45	1,467	1,326	1,467	1,409	1,451	1,398	1,465	1,477	1,426	1,481	1,441	1,486	17,294	8,699	8,595
409	G-43/46	61	55	62	59	61	59	61	58	58	60	58	64	716	357	359
410	G-51/55	1,335	1,206	1,336	1,288	1,323	1,278	1,335	1,349	1,301	1,350	1,311	1,348	15,760	7,936	7,824
411	G-52/56	400	362	402	389	403	390	407	412	398	414	403	417	4,798	2,424	2,374
412	G-53/57	37	34	35	34	35	34	34	33	33	34	33	34	411	203	207
413	G-54/58	29	27	30	28	29	28	28	27	26	27	26	28	334	165	168
414	G-63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
415	Total C/I	13,172	11,909	13,189	12,701	12,956	12,365	12,693	12,665	12,260	12,887	12,734	13,237	152,768	75,825	76,943
416																
417	Total All	98,563	89,112	98,700	95,300	98,020	94,447	97,279	97,083	94,004	97,722	95,484	98,969	1,154,683	578,555	576,128
418																
419																
420	Base Revenue Per Customer for Permanent Rates															
421		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T			
422		Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19			
423	R-1/5	\$ 26.014	\$ 25.540	\$ 24.307	\$ 22.609	\$ 20.956	\$ 19.755	\$ 18.931	\$ 19.019	\$ 19.435	\$ 20.546	\$ 22.982	\$ 25.299			
424	R-3/6	\$ 97.157	\$ 93.255	\$ 74.713	\$ 50.567	\$ 34.034	\$ 25.472	\$ 22.948	\$ 23.085	\$ 25.352	\$ 37.025	\$ 62.207	\$ 83.921			
425	R-4/7	\$ 97.157	\$ 93.255	\$ 74.713	\$ 50.567	\$ 34.034	\$ 25.472	\$ 22.948	\$ 23.085	\$ 25.352	\$ 37.025	\$ 62.207	\$ 83.921			
426	Total Resid.	\$ 94.203	\$ 90.440	\$ 72.616	\$ 49.398	\$ 33.485	\$ 25.231	\$ 22.778	\$ 22.913	\$ 25.099	\$ 36.327	\$ 60.543	\$ 81.451			
427																
428	G-41/44	\$ 235.956	\$ 226.979	\$ 184.606	\$ 128.146	\$ 88.800	\$ 70.623	\$ 66.093	\$ 66.385	\$ 70.916	\$ 94.488	\$ 154.776	\$ 204.268			
429	G-42/45	\$ 1,578.472	\$ 1,524.667	\$ 1,241.555	\$ 855.091	\$ 523.642	\$ 346.741	\$ 294.872	\$ 301.796	\$ 360.170	\$ 572.697	\$ 1,034.777	\$ 1,394.253			
430	G-43/46	\$ 8,928.306	\$ 8,426.278	\$ 7,012.866	\$ 4,981.917	\$ 1,969.310	\$ 1,450.046	\$ 1,304.759	\$ 1,372.855	\$ 1,462.191	\$ 2,016.955	\$ 5,871.987	\$ 7,656.083			
431	G-51/55	\$ 133.825	\$ 130.979	\$ 121.907	\$ 111.427	\$ 104.493	\$ 98.646	\$ 94.516	\$ 98.006	\$ 98.750	\$ 101.809	\$ 115.084	\$ 126.203			
432	G-52/56	\$ 731.471	\$ 706.568	\$ 650.770	\$ 576.938	\$ 402.135	\$ 377.110	\$ 367.473	\$ 377.804	\$ 384.365	\$ 407.882	\$ 611.436	\$ 669.830			
433	G-53/57	\$ 6,797.367	\$ 6,197.111	\$ 5,755.166	\$ 4,877.206	\$ 2,508.532	\$ 2,307.268	\$ 2,328.947	\$ 2,476.034	\$ 2,356.654	\$ 2,625.619	\$ 5,366.438	\$ 6,077.525			
434	G-54/58	\$ 3,719.928	\$ 3,726.283	\$ 3,387.343	\$ 3,833.707	\$ 2,775.284	\$ 2,874.002	\$ 2,966.625	\$ 3,090.866	\$ 2,982.545	\$ 2,965.834	\$ 4,662.611	\$ 3,822.712			
435	G-63	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
436	Total C/I	\$ 456.719	\$ 438.966	\$ 364.280	\$ 264.376	\$ 170.227	\$ 133.487	\$ 123.727	\$ 126.026	\$ 136.601	\$ 181.915	\$ 313.642	\$ 403.085			
437																
438	Total All	\$ 142.651	\$ 137.018	\$ 111.590	\$ 78.049	\$ 51.559	\$ 39.404	\$ 35.950	\$ 36.364	\$ 39.641	\$ 55.525	\$ 94.298	\$ 124.470			

Liberty Utilities (EnergyNorth Natural Gas) Corp.
Docket DG 20-105
Revenue Decoupling Adjustment
Rates Eff. 8/1/2021Permanent Rates
Revenue Per Customer

Rate Class	January	February	March	April	May	June	July	August	September	October	November	December
R-1/5	\$ 26.014	\$ 25.540	\$ 24.307	\$ 22.609	\$ 20.956	\$ 19.755	\$ 18.931	\$ 19.019	\$ 19.435	\$ 20.546	\$ 22.982	\$ 25.299
R-3/6	\$ 97.157	\$ 93.255	\$ 74.713	\$ 50.567	\$ 34.034	\$ 25.472	\$ 22.948	\$ 23.085	\$ 25.352	\$ 37.025	\$ 62.207	\$ 83.921
R-4/7	\$ 97.157	\$ 93.255	\$ 74.713	\$ 50.567	\$ 34.034	\$ 25.472	\$ 22.948	\$ 23.085	\$ 25.352	\$ 37.025	\$ 62.207	\$ 83.921
G-41/44	\$ 235.956	\$ 226.979	\$ 184.606	\$ 128.146	\$ 88.800	\$ 70.623	\$ 66.093	\$ 66.385	\$ 70.916	\$ 94.488	\$ 154.776	\$ 204.268
G-42/45	\$ 1,578.472	\$ 1,524.667	\$ 1,241.555	\$ 855.091	\$ 523.642	\$ 346.741	\$ 294.872	\$ 301.796	\$ 360.170	\$ 572.697	\$ 1,034.777	\$ 1,394.253
G-43/46	\$ 8,928.306	\$ 8,426.278	\$ 7,012.866	\$ 4,981.917	\$ 1,969.310	\$ 1,450.046	\$ 1,304.759	\$ 1,372.855	\$ 1,462.191	\$ 2,016.955	\$ 5,871.987	\$ 7,656.083
G-51/55	\$ 133.825	\$ 130.979	\$ 121.907	\$ 111.427	\$ 104.493	\$ 98.646	\$ 94.516	\$ 98.006	\$ 98.750	\$ 101.809	\$ 115.084	\$ 126.203
G-52/56	\$ 731.471	\$ 706.568	\$ 650.770	\$ 576.938	\$ 402.135	\$ 377.110	\$ 367.473	\$ 377.804	\$ 384.365	\$ 407.882	\$ 611.436	\$ 669.830
G-53/57	\$ 6,797.367	\$ 6,197.111	\$ 5,755.166	\$ 4,877.206	\$ 2,508.532	\$ 2,307.268	\$ 2,328.947	\$ 2,476.034	\$ 2,356.654	\$ 2,625.619	\$ 5,366.438	\$ 6,077.525
G-54/58	\$ 3,719.928	\$ 3,726.283	\$ 3,387.343	\$ 3,833.707	\$ 2,775.284	\$ 2,874.002	\$ 2,966.625	\$ 3,090.866	\$ 2,982.545	\$ 2,965.834	\$ 4,662.611	\$ 3,822.712

Step Increase
Revenue Per Customer

Rate Class	January	February	March	April	May	June	July	August	September	October	November	December
R-1/5	\$ 1.483	\$ 1.402	\$ 1.264	\$ 0.987	\$ 0.742	\$ 0.563	\$ 0.464	\$ 0.461	\$ 0.537	\$ 0.767	\$ 1.196	\$ 1.535
R-3/6	\$ 4.968	\$ 4.490	\$ 3.576	\$ 2.178	\$ 1.178	\$ 0.590	\$ 0.464	\$ 0.462	\$ 0.630	\$ 1.405	\$ 3.017	\$ 4.353
R-4/7	\$ 4.968	\$ 4.490	\$ 3.576	\$ 2.178	\$ 1.178	\$ 0.590	\$ 0.464	\$ 0.462	\$ 0.630	\$ 1.405	\$ 3.017	\$ 4.353
G-41/44	\$ 10.371	\$ 9.551	\$ 7.771	\$ 5.376	\$ 3.848	\$ 2.999	\$ 2.860	\$ 2.877	\$ 3.115	\$ 4.296	\$ 6.950	\$ 9.342
G-42/45	\$ 71.556	\$ 65.275	\$ 52.763	\$ 33.854	\$ 20.781	\$ 13.163	\$ 11.663	\$ 12.053	\$ 14.984	\$ 26.315	\$ 47.308	\$ 64.023
G-43/46	\$ 322.176	\$ 307.458	\$ 260.216	\$ 188.058	\$ 125.272	\$ 80.674	\$ 74.052	\$ 74.222	\$ 90.747	\$ 148.398	\$ 230.190	\$ 306.060
G-51/55	\$ 6.156	\$ 6.082	\$ 5.241	\$ 4.545	\$ 4.182	\$ 4.099	\$ 4.023	\$ 4.113	\$ 4.243	\$ 4.825	\$ 5.232	\$ 5.946
G-52/56	\$ 31.400	\$ 30.740	\$ 24.341	\$ 20.081	\$ 17.238	\$ 17.150	\$ 17.025	\$ 17.535	\$ 18.199	\$ 21.044	\$ 23.978	\$ 27.933
G-53/57	\$ 246.248	\$ 243.066	\$ 214.654	\$ 186.181	\$ 150.341	\$ 140.629	\$ 138.297	\$ 140.255	\$ 144.706	\$ 168.388	\$ 188.258	\$ 211.553
G-54/58	\$ 138.456	\$ 145.419	\$ 124.103	\$ 143.307	\$ 136.199	\$ 145.470	\$ 155.194	\$ 160.877	\$ 160.145	\$ 160.192	\$ 161.125	\$ 137.154

Total
Revenue Per Customer

Rate Class	January	February	March	April	May	June	July	August	September	October	November	December
R-1/5	\$ 27.498	\$ 26.942	\$ 25.571	\$ 23.596	\$ 21.698	\$ 20.318	\$ 19.395	\$ 19.480	\$ 19.972	\$ 21.314	\$ 24.178	\$ 26.834
R-3/6	\$ 102.124	\$ 97.745	\$ 78.289	\$ 52.745	\$ 35.212	\$ 26.062	\$ 23.412	\$ 23.547	\$ 25.982	\$ 38.431	\$ 65.224	\$ 88.274
R-4/7	\$ 102.124	\$ 97.745	\$ 78.289	\$ 52.745	\$ 35.212	\$ 26.062	\$ 23.412	\$ 23.547	\$ 25.982	\$ 38.431	\$ 65.224	\$ 88.274
G-41/44	\$ 246.326	\$ 236.530	\$ 192.376	\$ 133.522	\$ 92.648	\$ 73.622	\$ 68.954	\$ 69.262	\$ 74.031	\$ 98.783	\$ 161.726	\$ 213.610
G-42/45	\$ 1,650.029	\$ 1,589.942	\$ 1,294.318	\$ 888.944	\$ 544.422	\$ 359.904	\$ 306.536	\$ 313.849	\$ 375.153	\$ 599.012	\$ 1,082.085	\$ 1,458.276
G-43/46	\$ 9,250.482	\$ 8,733.736	\$ 7,273.082	\$ 5,169.975	\$ 2,094.582	\$ 1,530.720	\$ 1,378.810	\$ 1,447.077	\$ 1,552.938	\$ 2,165.354	\$ 6,102.177	\$ 7,962.143
G-51/55	\$ 139.981	\$ 137.061	\$ 127.148	\$ 115.972	\$ 108.676	\$ 102.744	\$ 98.539	\$ 102.119	\$ 102.993	\$ 106.634	\$ 120.316	\$ 132.149
G-52/56	\$ 762.870	\$ 737.308	\$ 675.111	\$ 597.019	\$ 419.373	\$ 394.261	\$ 384.498	\$ 395.340	\$ 402.564	\$ 428.926	\$ 635.414	\$ 697.763
G-53/57	\$ 7,043.615	\$ 6,440.177	\$ 5,969.820	\$ 5,063.387	\$ 2,658.873	\$ 2,447.898	\$ 2,467.245	\$ 2,616.288	\$ 2,501.361	\$ 2,794.007	\$ 5,554.697	\$ 6,289.078
G-54/58	\$ 3,858.384	\$ 3,871.702	\$ 3,511.446	\$ 3,977.013	\$ 2,911.483	\$ 3,019.472	\$ 3,121.818	\$ 3,251.743	\$ 3,142.690	\$ 3,126.025	\$ 4,823.736	\$ 3,959.866

REVENUE

EnergyNorth Natural Gas Inc

2021-22 Customers (Equivalent Bills)

	S&T Aug-21	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Total
1. R-1	3,640	3,521	3,638	3,520	3,637	3,625	3,264	3,603	3,465	3,574	3,417	3,558	42,462
2. R-3	77,730	75,063	77,311	74,797	77,579	77,687	70,250	77,785	75,173	77,494	73,808	83,583	918,260
3. R-4	5,421	5,415	6,023	6,225	6,423	6,437	5,801	6,419	6,224	6,430	6,094	-	66,912
4. Total Resid.	86,791	83,999	86,972	84,541	87,640	87,749	79,316	87,806	84,862	87,498	83,319	87,141	1,027,633
5. G-41	9,558	9,240	9,699	9,613	10,044	10,090	9,133	10,113	9,730	9,902	9,238	9,640	115,999
6. G-42	1,490	1,442	1,497	1,456	1,511	1,516	1,372	1,520	1,471	1,511	1,431	1,507	17,723
7. G-43	64	61	65	63	66	66	60	66	64	65	62	66	769
8. G-51	1,332	1,287	1,331	1,288	1,329	1,328	1,201	1,331	1,289	1,329	1,265	1,329	15,640
9. G-52	419	406	419	405	420	421	381	421	406	421	401	423	4,944
10. G-53	35	34	35	34	35	34	31	33	32	32	30	35	400
11. G-54	28	27	28	27	27	27	24	27	27	26	24	29	321
12. Total C/I	12,926	12,498	13,074	12,886	13,431	13,482	12,202	13,512	13,019	13,286	12,451	13,028	155,795
13. Total All	99,717	96,497	100,046	97,427	101,071	101,231	91,518	101,318	97,881	100,783	95,770	100,169	1,183,429

2021-22 Allowed Revenue Per Bill

	S&T Aug-21	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Total
14. R-1	\$ 19,019	\$ 19,435	\$ 20,546	\$ 22,982	\$ 25,299	\$ 26,014	\$ 25,540	\$ 24,307	\$ 22,609	\$ 20,956	\$ 19,755	\$ 18,931	\$ 22,106
15. R-3	\$ 23,085	\$ 25,352	\$ 37,025	\$ 62,207	\$ 83,921	\$ 97,157	\$ 93,255	\$ 74,713	\$ 50,567	\$ 34,034	\$ 25,472	\$ 22,948	\$ 52,132
16. R-4	\$ 23,085	\$ 25,352	\$ 37,025	\$ 62,207	\$ 83,921	\$ 97,157	\$ 93,255	\$ 74,713	\$ 50,567	\$ 34,034	\$ 25,472	\$ 22,948	\$ 55,991
17. Total Resid.	\$ 22,915	\$ 25,104	\$ 36,336	\$ 60,574	\$ 81,488	\$ 94,217	\$ 90,468	\$ 72,645	\$ 49,425	\$ 33,500	\$ 25,238	\$ 22,784	\$ 51,143
18. G-41	\$ 66,385	\$ 70,916	\$ 94,488	\$ 154,776	\$ 204,268	\$ 235,956	\$ 226,979	\$ 184,606	\$ 128,146	\$ 88,800	\$ 70,623	\$ 66,093	\$ 133,467
19. G-42	\$ 301,796	\$ 360,170	\$ 572,697	\$ 1,034,777	\$ 1,394,253	\$ 1,578,472	\$ 1,524,667	\$ 1,241,555	\$ 855,091	\$ 523,642	\$ 346,741	\$ 294,872	\$ 835,109
20. G-43	\$ 1,372,855	\$ 1,462,191	\$ 2,016,955	\$ 5,871,987	\$ 7,656,083	\$ 8,928,306	\$ 8,426,278	\$ 7,012,866	\$ 4,981,917	\$ 1,969,310	\$ 1,450,046	\$ 1,304,759	\$ 4,374,763
21. G-51	\$ 98,006	\$ 98,750	\$ 101,809	\$ 115,084	\$ 126,203	\$ 133,825	\$ 130,979	\$ 121,907	\$ 111,427	\$ 104,493	\$ 98,646	\$ 94,516	\$ 111,214
22. G-52	\$ 377,804	\$ 384,365	\$ 407,882	\$ 611,436	\$ 669,830	\$ 731,471	\$ 706,568	\$ 650,770	\$ 576,938	\$ 402,135	\$ 377,110	\$ 367,473	\$ 521,069
23. G-53	\$ 2,476,034	\$ 2,356,654	\$ 2,625,619	\$ 5,366,438	\$ 6,077,525	\$ 6,797,367	\$ 6,197,111	\$ 5,755,166	\$ 4,877,206	\$ 2,508,532	\$ 2,307,268	\$ 2,328,947	\$ 4,133,028
24. G-54	\$ 3,090,866	\$ 2,982,545	\$ 2,965,834	\$ 4,662,611	\$ 3,822,712	\$ 3,719,928	\$ 3,726,283	\$ 3,387,343	\$ 3,833,707	\$ 2,775,284	\$ 2,874,002	\$ 2,966,625	\$ 3,398,555
25. Total C/I	\$ 126,463	\$ 136,662	\$ 182,528	\$ 315,642	\$ 403,773	\$ 458,472	\$ 440,581	\$ 365,413	\$ 265,853	\$ 170,055	\$ 132,727	\$ 124,031	\$ 261,260

2021-22 Allowed Base Revenue

	S&T Aug-21	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Total
26. R-1	\$ 69,229	\$ 68,426	\$ 74,749	\$ 80,886	\$ 92,013	\$ 94,304	\$ 83,371	\$ 87,570	\$ 78,339	\$ 74,897	\$ 67,511	\$ 67,358	\$ 938,653
27. R-3	\$ 1,794,421	\$ 1,902,965	\$ 2,862,452	\$ 4,652,930	\$ 6,510,566	\$ 7,547,815	\$ 6,551,160	\$ 5,811,563	\$ 3,801,240	\$ 2,637,440	\$ 1,880,046	\$ 1,918,044	\$ 47,870,644
28. R-4	\$ 125,138	\$ 137,277	\$ 223,014	\$ 387,213	\$ 539,064	\$ 625,392	\$ 541,015	\$ 479,565	\$ 314,741	\$ 218,823	\$ 155,221	\$ -	\$ 3,746,463
29. Total Resid.	\$ 1,988,788	\$ 2,108,668	\$ 3,160,214	\$ 5,121,029	\$ 7,141,643	\$ 8,267,511	\$ 7,175,546	\$ 6,378,698	\$ 4,194,321	\$ 2,931,161	\$ 2,102,778	\$ 1,985,403	\$ 52,555,760
30. G-41	\$ 634,492	\$ 655,293	\$ 916,400	\$ 1,487,795	\$ 2,051,709	\$ 2,380,845	\$ 2,073,096	\$ 1,866,845	\$ 1,246,852	\$ 879,261	\$ 652,406	\$ 637,160	\$ 15,482,154
31. G-42	\$ 449,650	\$ 519,347	\$ 857,289	\$ 1,506,566	\$ 2,106,858	\$ 2,392,175	\$ 2,091,878	\$ 1,887,448	\$ 1,257,758	\$ 791,148	\$ 496,101	\$ 444,300	\$ 14,800,518
32. G-43	\$ 87,771	\$ 89,535	\$ 131,304	\$ 370,131	\$ 502,494	\$ 590,459	\$ 503,329	\$ 463,784	\$ 318,843	\$ 128,596	\$ 90,338	\$ 86,346	\$ 3,362,931
33. G-51	\$ 130,549	\$ 127,134	\$ 135,547	\$ 148,242	\$ 167,724	\$ 177,733	\$ 157,327	\$ 162,286	\$ 143,585	\$ 138,861	\$ 124,814	\$ 125,567	\$ 1,739,371
34. G-52	\$ 158,363	\$ 156,026	\$ 170,807	\$ 247,896	\$ 281,218	\$ 308,168	\$ 269,039	\$ 274,127	\$ 234,486	\$ 169,383	\$ 151,292	\$ 155,312	\$ 2,576,118
35. G-53	\$ 86,991	\$ 80,126	\$ 92,246	\$ 182,459	\$ 210,484	\$ 231,790	\$ 190,870	\$ 190,304	\$ 156,071	\$ 80,356	\$ 68,680	\$ 81,590	\$ 1,651,968
36. G-54	\$ 86,853	\$ 80,529	\$ 82,746	\$ 124,181	\$ 102,703	\$ 100,066	\$ 90,516	\$ 92,617	\$ 103,510	\$ 71,695	\$ 68,976	\$ 85,636	\$ 1,090,027
37. Total C/I	\$ 1,634,669	\$ 1,707,991	\$ 2,386,339	\$ 4,067,271	\$ 5,423,191	\$ 6,181,235	\$ 5,376,056	\$ 4,937,410	\$ 3,461,105	\$ 2,259,300	\$ 1,652,606	\$ 1,615,913	\$ 40,703,086
38. Total All	\$ 3,623,457	\$ 3,816,659	\$ 5,546,554	\$ 9,188,300	\$ 12,564,833	\$ 14,448,747	\$ 12,551,602	\$ 11,316,108	\$ 7,655,426	\$ 5,190,461	\$ 3,755,384	\$ 3,601,315	\$ 93,258,846

SALES AND TRANSPORT DATA

CUSTOMER COMPONENT

EnergyNorth Natural Gas Inc

2021-22 Customers (Equivalent Bills)

	S&T Aug-21	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Total
1. R-1	3,640	3,521	3,638	3,520	3,637	3,625	3,264	3,603	3,465	3,574	3,417	3,558	42,462
2. R-3	77,730	75,063	77,311	74,797	77,579	77,687	70,250	77,785	75,173	77,494	73,808	83,583	918,260
3. R-4	5,421	5,415	6,023	6,225	6,423	6,437	5,801	6,419	6,224	6,430	6,094	-	66,912
4. Total Resid.	86,791	83,999	86,972	84,541	87,640	87,749	79,316	87,806	84,862	87,498	83,319	87,141	1,027,633
5. G-41	9,558	9,240	9,699	9,613	10,044	10,090	9,133	10,113	9,730	9,902	9,238	9,640	115,999
6. G-42	1,490	1,442	1,497	1,456	1,511	1,516	1,372	1,520	1,471	1,511	1,431	1,507	17,723
7. G-43	64	61	65	63	66	66	60	66	64	65	62	66	769
8. G-51	1,332	1,287	1,331	1,288	1,329	1,328	1,201	1,331	1,289	1,329	1,265	1,329	15,640
9. G-52	419	406	419	405	420	421	381	421	406	421	401	423	4,944
10. G-53	35	34	35	34	35	34	31	33	32	32	30	35	400
11. G-54	28	27	28	27	27	27	24	27	27	26	24	29	321
12. Total C/I	12,926	12,498	13,074	12,886	13,431	13,482	12,202	13,512	13,019	13,286	12,451	13,028	155,795
13. Total All	99,717	96,497	100,046	97,427	101,071	101,231	91,518	101,318	97,881	100,783	95,770	100,169	1,183,429

2021-22 Customer Charge

	S&T Aug-21	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22
14. R-1	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39
15. R-3	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39
16. R-4	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39
17. G-41	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06
18. G-42	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19
19. G-43	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69
20. G-51	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06
21. G-52	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19
22. G-53	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10
23. G-54	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10

2021-22 Customer Revenue

	S&T Aug-21	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Total
24. R-1	\$ 56,029	\$ 54,194	\$ 55,998	\$ 54,174	\$ 55,983	\$ 55,799	\$ 50,246	\$ 55,453	\$ 53,335	\$ 55,012	\$ 52,603	\$ 54,767	\$ 653,592
25. R-3	\$ 1,196,451	\$ 1,155,399	\$ 1,189,993	\$ 1,151,305	\$ 1,194,131	\$ 1,195,789	\$ 1,081,317	\$ 1,197,292	\$ 1,157,087	\$ 1,192,818	\$ 1,136,073	\$ 1,286,538	\$ 14,134,194
26. R-4	\$ 83,437	\$ 83,349	\$ 92,713	\$ 95,811	\$ 98,872	\$ 99,080	\$ 89,298	\$ 98,799	\$ 95,806	\$ 98,966	\$ 93,797	\$ -	\$ 1,029,928
27. Total Resid.	\$ 1,335,916	\$ 1,292,942	\$ 1,338,704	\$ 1,301,290	\$ 1,348,986	\$ 1,350,668	\$ 1,220,862	\$ 1,351,545	\$ 1,306,228	\$ 1,346,796	\$ 1,282,473	\$ 1,341,305	\$ 15,817,714
28. G-41	\$ 545,376	\$ 527,266	\$ 553,413	\$ 548,503	\$ 573,132	\$ 575,758	\$ 521,162	\$ 577,035	\$ 555,201	\$ 564,992	\$ 527,122	\$ 550,086	\$ 6,619,047
29. G-42	\$ 255,062	\$ 246,852	\$ 256,264	\$ 249,246	\$ 258,690	\$ 259,443	\$ 234,881	\$ 260,252	\$ 251,809	\$ 258,648	\$ 244,935	\$ 257,946	\$ 3,034,028
30. G-43	\$ 46,971	\$ 44,988	\$ 47,829	\$ 46,310	\$ 48,220	\$ 48,588	\$ 43,886	\$ 48,588	\$ 47,020	\$ 47,975	\$ 45,771	\$ 48,621	\$ 564,767
31. G-51	\$ 76,008	\$ 73,463	\$ 75,970	\$ 73,502	\$ 75,834	\$ 75,783	\$ 68,540	\$ 75,962	\$ 73,529	\$ 75,828	\$ 72,198	\$ 75,807	\$ 892,423
32. G-52	\$ 71,759	\$ 69,493	\$ 71,690	\$ 69,407	\$ 71,873	\$ 72,124	\$ 65,185	\$ 72,113	\$ 69,578	\$ 72,108	\$ 68,681	\$ 72,354	\$ 846,363
33. G-53	\$ 26,564	\$ 25,707	\$ 26,564	\$ 25,707	\$ 26,186	\$ 25,783	\$ 23,288	\$ 25,002	\$ 24,195	\$ 24,220	\$ 22,507	\$ 26,489	\$ 302,214
34. G-54	\$ 21,246	\$ 20,415	\$ 21,095	\$ 20,138	\$ 20,314	\$ 20,339	\$ 18,367	\$ 20,673	\$ 20,415	\$ 19,533	\$ 18,146	\$ 21,826	\$ 242,507
35. Total C/I	\$ 1,042,987	\$ 1,008,184	\$ 1,052,825	\$ 1,032,812	\$ 1,074,249	\$ 1,077,817	\$ 975,308	\$ 1,079,625	\$ 1,041,747	\$ 1,063,305	\$ 999,360	\$ 1,053,129	\$ 12,501,348
36. Total All	\$ 2,378,903	\$ 2,301,125	\$ 2,391,529	\$ 2,334,102	\$ 2,423,236	\$ 2,428,486	\$ 2,196,169	\$ 2,431,169	\$ 2,347,974	\$ 2,410,101	\$ 2,281,833	\$ 2,394,434	\$ 28,319,061

ENERGY COMPONENT

HEADBLOCK

2021-22 Decoupling Year Weather Normalized Volume Headblock														
	S&T Aug-21	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Total	
37. R-1	33,560	34,728	48,357	83,240	112,372	128,366	110,811	101,909	72,646	48,286	40,336	32,662	847,272	
38. R-3	1,035,918	1,124,452	2,379,896	6,088,314	9,318,134	11,128,550	9,626,352	7,906,015	4,628,971	2,098,902	1,274,922	1,099,588	57,710,014	
39. R-4	73,959	83,546	183,965	485,735	732,078	881,993	759,223	640,233	382,529	176,271	107,905	-	4,507,437	
40. Total Resid.	1,143,437	1,242,725	2,612,218	6,657,289	10,162,584	12,138,909	10,496,385	8,648,158	5,084,146	2,323,458	1,423,163	1,132,250	63,064,723	
41. G-41	58,806	67,717	197,292	685,564	844,454	979,446	800,409	821,166	592,244	192,825	75,310	60,937	5,376,169	
42. G-42	264,951	306,006	580,520	1,305,770	1,441,797	1,592,319	1,319,928	1,446,892	1,183,606	562,796	331,120	263,959	10,599,664	
43. G-43	318,499	370,277	611,606	1,316,295	1,742,079	2,189,608	1,858,905	1,681,731	1,119,023	573,625	378,254	297,220	12,457,120	
44. G-51	78,340	75,856	79,361	88,262	88,744	98,726	82,086	90,034	84,183	81,635	85,232	80,103	1,012,563	
45. G-52	320,638	311,162	333,908	384,136	387,701	428,793	354,331	387,597	356,686	334,480	345,398	325,979	4,270,809	
46. G-53	725,521	739,589	776,203	982,729	1,026,569	1,237,228	1,027,846	999,758	777,160	644,743	701,233	607,422	10,246,001	
47. G-54	1,726,877	1,695,103	1,430,843	1,624,520	1,332,276	1,351,744	1,096,879	1,298,276	1,483,188	1,313,451	1,318,649	1,460,239	17,132,047	
48. Total C/I	3,493,632	3,565,711	4,009,734	6,387,276	6,863,619	7,877,865	6,540,383	6,725,454	5,596,089	3,703,555	3,235,196	3,095,858	61,094,373	
49. Total All	4,637,069	4,808,437	6,621,952	13,044,565	17,026,203	20,016,774	17,036,769	15,373,612	10,680,235	6,027,014	4,658,359	4,228,108	124,159,096	

2021-22 Headblock Charge														
	S&T Aug-21	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22		
50. R-1	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	
51. R-3	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	
52. R-4	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	
53. G-41	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	
54. G-42	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	
55. G-43	\$ 0.1198	\$ 0.1198	\$ 0.1198	\$ 0.1198	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.1198	\$ 0.1198	\$ 0.1198	\$ 0.1198	
56. G-51	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	
57. G-52	\$ 0.1759	\$ 0.1759	\$ 0.1759	\$ 0.1759	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.1759	\$ 0.1759	\$ 0.1759	\$ 0.1759	
58. G-53	\$ 0.0814	\$ 0.0814	\$ 0.0814	\$ 0.0814	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.0814	\$ 0.0814	\$ 0.0814	\$ 0.0814	
59. G-54	\$ 0.0352	\$ 0.0352	\$ 0.0352	\$ 0.0352	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0352	\$ 0.0352	\$ 0.0352	\$ 0.0352	

2021-22 Decoupling Year Weather Normalized Volume Headblock Revenue														
	S&T Aug-21	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Total	
60. R-1	\$ 12,899	\$ 13,348	\$ 18,587	\$ 31,994	\$ 43,192	\$ 49,339	\$ 42,592	\$ 39,170	\$ 27,923	\$ 18,559	\$ 15,504	\$ 12,554	\$ 325,661	
61. R-3	\$ 583,466	\$ 633,331	\$ 1,340,442	\$ 3,429,153	\$ 5,248,302	\$ 6,267,992	\$ 5,421,901	\$ 4,452,947	\$ 2,607,200	\$ 1,182,175	\$ 718,081	\$ 619,327	\$ 32,504,314	
62. R-4	\$ 41,656	\$ 47,056	\$ 103,615	\$ 273,583	\$ 412,332	\$ 496,770	\$ 427,621	\$ 360,602	\$ 215,454	\$ 99,282	\$ 60,776	\$ -	\$ 2,538,747	
63. Total Resid.	\$ 638,021	\$ 693,735	\$ 1,462,644	\$ 3,734,731	\$ 5,703,826	\$ 6,814,101	\$ 5,892,114	\$ 4,852,719	\$ 2,850,576	\$ 1,300,017	\$ 794,361	\$ 631,881	\$ 35,368,723	
64. G-41	\$ 27,567	\$ 31,745	\$ 92,487	\$ 321,380	\$ 395,864	\$ 459,146	\$ 375,217	\$ 384,948	\$ 277,633	\$ 90,393	\$ 35,304	\$ 28,566	\$ 2,520,250	
65. G-42	\$ 112,883	\$ 130,375	\$ 247,332	\$ 556,326	\$ 614,281	\$ 678,411	\$ 562,358	\$ 616,452	\$ 504,278	\$ 239,780	\$ 141,074	\$ 112,460	\$ 4,516,010	
66. G-43	\$ 38,155	\$ 44,358	\$ 73,268	\$ 344,841	\$ 456,388	\$ 573,631	\$ 486,994	\$ 440,578	\$ 293,160	\$ 68,718	\$ 45,313	\$ 35,606	\$ 2,901,010	
67. G-51	\$ 22,084	\$ 21,384	\$ 22,372	\$ 24,881	\$ 25,017	\$ 27,831	\$ 23,140	\$ 25,381	\$ 23,731	\$ 23,013	\$ 24,027	\$ 22,581	\$ 285,442	
68. G-52	\$ 56,410	\$ 54,743	\$ 58,745	\$ 93,283	\$ 94,149	\$ 104,128	\$ 86,046	\$ 94,124	\$ 86,617	\$ 58,846	\$ 60,766	\$ 57,350	\$ 905,208	
69. G-53	\$ 59,085	\$ 60,231	\$ 63,213	\$ 166,814	\$ 174,256	\$ 210,014	\$ 174,473	\$ 169,705	\$ 131,920	\$ 52,507	\$ 57,107	\$ 49,467	\$ 1,368,792	
70. G-54	\$ 60,738	\$ 59,620	\$ 50,326	\$ 105,211	\$ 86,284	\$ 87,545	\$ 71,039	\$ 84,082	\$ 96,058	\$ 46,197	\$ 46,380	\$ 51,360	\$ 844,837	
71. Total C/I	\$ 376,922	\$ 402,455	\$ 607,742	\$ 1,612,737	\$ 1,846,239	\$ 2,140,707	\$ 1,779,266	\$ 1,815,269	\$ 1,413,397	\$ 579,453	\$ 409,972	\$ 357,390	\$ 13,341,549	
72. Total All	\$ 1,014,944	\$ 1,096,190	\$ 2,070,386	\$ 5,347,468	\$ 7,550,064	\$ 8,954,807	\$ 7,671,380	\$ 6,667,987	\$ 4,263,973	\$ 1,879,470	\$ 1,204,332	\$ 989,271	\$ 48,710,272	

TAILBLOCK

2021-22 Decoupling Year Weather Normalized Volume Tailblock														
	S&T Aug-21	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Total	
73. R-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
74. R-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75. R-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76. Total Resid.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
77. G-41	184,404	234,125	622,402	1,840,906	3,389,772	4,276,275	3,726,368	2,745,359	1,323,190	528,943	269,162	194,150	19,335,057	
78. G-42	256,846	354,556	907,508	2,400,409	4,268,931	5,176,989	4,596,973	3,455,632	1,730,052	693,455	334,976	236,613	24,412,938	
79. G-43	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80. G-51	175,401	166,971	198,936	274,367	348,572	423,046	363,456	326,955	242,942	193,793	186,085	166,630	3,067,155	
81. G-52	199,718	212,142	271,938	434,413	582,419	705,383	614,724	540,090	368,983	262,077	236,482	196,313	4,624,683	
82. G-53	-	-	-	-	-	-	-	-	-	-	-	-	-	-
83. G-54	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84. Total C/I	816,370	967,795	2,000,784	4,950,095	8,589,694	10,581,693	9,301,520	7,068,037	3,665,167	1,678,267	1,026,704	793,706	51,439,833	
85. Total All	816,370	967,795	2,000,784	4,950,095	8,589,694	10,581,693	9,301,520	7,068,037	3,665,167	1,678,267	1,026,704	793,706	51,439,833	

2021-22 Tailblock Charge														
	S&T Aug-21	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22		
86. R-1	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844		
87. R-3	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632		
88. R-4	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632		
89. G-41	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149		
90. G-42	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839		
91. G-43	\$ 0.1198	\$ 0.1198	\$ 0.1198	\$ 0.1198	\$ 0.1198	\$ 0.1198	\$ 0.1198	\$ 0.1198	\$ 0.1198	\$ 0.1198	\$ 0.1198	\$ 0.1198		
92. G-51	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833		
93. G-52	\$ 0.1000	\$ 0.1000	\$ 0.1000	\$ 0.1000	\$ 0.1000	\$ 0.1000	\$ 0.1000	\$ 0.1000	\$ 0.1000	\$ 0.1000	\$ 0.1000	\$ 0.1000		
94. G-53	\$ 0.0814	\$ 0.0814	\$ 0.0814	\$ 0.0814	\$ 0.0814	\$ 0.0814	\$ 0.0814	\$ 0.0814	\$ 0.0814	\$ 0.0814	\$ 0.0814	\$ 0.0814		
95. G-54	\$ 0.0352	\$ 0.0352	\$ 0.0352	\$ 0.0352	\$ 0.0352	\$ 0.0352	\$ 0.0352	\$ 0.0352	\$ 0.0352	\$ 0.0352	\$ 0.0352	\$ 0.0352		

2021-22 Decoupling Year Weather Normalized Volume Tailblock Revenue														
	S&T Aug-21	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Total	
96. R-1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
97. R-3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
98. R-4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
99. Total Resid.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
100. G-41	\$ 58,077	\$ 73,736	\$ 196,021	\$ 579,779	\$ 1,067,583	\$ 1,346,781	\$ 1,173,592	\$ 864,630	\$ 416,729	\$ 166,587	\$ 84,770	\$ 61,146	\$ 6,089,431	
101. G-42	\$ 72,928	\$ 100,671	\$ 257,673	\$ 681,561	\$ 1,212,100	\$ 1,469,930	\$ 1,305,243	\$ 981,176	\$ 491,223	\$ 196,896	\$ 95,111	\$ 67,183	\$ 6,931,696	
102. G-43	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
103. G-51	\$ 32,151	\$ 30,606	\$ 36,465	\$ 50,292	\$ 63,893	\$ 77,544	\$ 66,621	\$ 59,931	\$ 44,531	\$ 35,522	\$ 34,109	\$ 30,543	\$ 562,209	
104. G-52	\$ 19,965	\$ 21,206	\$ 27,184	\$ 70,242	\$ 94,174	\$ 114,056	\$ 99,397	\$ 87,329	\$ 59,662	\$ 26,198	\$ 23,640	\$ 19,624	\$ 662,677	
105. G-53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
106. G-54	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
107. Total C/I	\$ 183,120	\$ 226,219	\$ 517,343	\$ 1,381,874	\$ 2,437,751	\$ 3,008,311	\$ 2,644,853	\$ 1,993,067	\$ 1,012,145	\$ 425,203	\$ 237,631	\$ 178,496	\$ 14,246,014	
108. Total All	\$ 183,120	\$ 226,219	\$ 517,343	\$ 1,381,874	\$ 2,437,751	\$ 3,008,311	\$ 2,644,853	\$ 1,993,067	\$ 1,012,145	\$ 425,203	\$ 237,631	\$ 178,496	\$ 14,246,014	

HEADBLOCK + TAILBLOCK

2021-22 Decoupling Year Weather Normalized Volume Headblock + Tailblock														
	S&T Aug-21	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Total	
109. R-1	33,560	34,728	48,357	83,240	112,372	128,366	110,811	101,909	72,646	48,286	40,336	32,662	847,272	
110. R-3	1,035,918	1,124,452	2,379,896	6,088,314	9,318,134	11,128,550	9,626,352	7,906,015	4,628,971	2,098,902	1,274,922	1,099,588	57,710,014	
111. R-4	73,959	83,546	183,965	485,735	732,078	881,993	759,223	640,233	382,529	176,271	107,905	-	4,507,437	
112. Total Resid.	1,143,437	1,242,725	2,612,218	6,657,289	10,162,584	12,138,909	10,496,385	8,648,158	5,084,146	2,323,458	1,423,163	1,132,250	63,064,723	
113. G-41	243,211	301,843	819,693	2,526,470	4,234,226	5,255,721	4,526,777	3,566,525	1,915,434	721,767	344,472	255,087	24,711,226	
114. G-42	521,797	660,562	1,488,028	3,706,179	5,710,727	6,769,308	5,916,901	4,902,524	2,913,658	1,256,251	666,096	500,572	35,012,602	
115. G-43	318,499	370,277	611,606	1,316,295	1,742,079	2,189,608	1,858,905	1,681,731	1,119,023	573,625	378,254	297,220	12,457,120	
116. G-51	253,742	242,828	278,298	362,629	437,316	521,772	445,542	416,988	327,125	275,428	271,317	246,733	4,079,718	
117. G-52	520,356	523,305	605,846	818,549	970,120	1,134,177	969,054	927,688	725,669	596,557	581,880	522,292	8,895,492	
118. G-53	725,521	739,589	776,203	982,729	1,026,569	1,237,228	1,027,846	999,758	777,160	644,743	701,233	607,422	10,246,001	
119. G-54	1,726,877	1,695,103	1,430,843	1,624,520	1,332,276	1,351,744	1,096,879	1,298,276	1,483,188	1,313,451	1,318,649	1,460,239	17,132,047	
120. Total C/I	4,310,002	4,533,506	6,010,518	11,337,371	15,453,313	18,459,558	15,841,904	13,793,491	9,261,256	5,381,823	4,261,901	3,889,564	112,534,206	
121. Total All	5,453,439	5,776,231	8,622,736	17,994,660	25,615,897	30,598,467	26,338,289	22,441,648	14,345,401	7,705,281	5,685,064	5,021,814	175,598,929	

2021-22 Decoupling Year Weather Normalized Volume Headblock + Tailblock Revenue														
	S&T Aug-21	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Total	
122. R-1	\$ 12,899	\$ 13,348	\$ 18,587	\$ 31,994	\$ 43,192	\$ 49,339	\$ 42,592	\$ 39,170	\$ 27,923	\$ 18,559	\$ 15,504	\$ 12,554	\$ 325,661	
123. R-3	\$ 583,466	\$ 633,331	\$ 1,340,442	\$ 3,429,153	\$ 5,248,302	\$ 6,267,992	\$ 5,421,901	\$ 4,452,947	\$ 2,607,200	\$ 1,182,175	\$ 718,081	\$ 619,327	\$ 32,504,314	
124. R-4	\$ 41,656	\$ 47,056	\$ 103,615	\$ 273,583	\$ 412,332	\$ 496,770	\$ 427,621	\$ 360,602	\$ 215,454	\$ 99,282	\$ 60,776	\$ -	\$ 2,538,747	
125. Total Resid.	\$ 638,021	\$ 693,735	\$ 1,462,644	\$ 3,734,731	\$ 5,703,826	\$ 6,814,101	\$ 5,892,114	\$ 4,852,719	\$ 2,850,576	\$ 1,300,017	\$ 794,361	\$ 631,881	\$ 35,368,723	
126. G-41	\$ 85,644	\$ 105,481	\$ 288,508	\$ 901,159	\$ 1,463,448	\$ 1,805,927	\$ 1,548,809	\$ 1,249,578	\$ 694,362	\$ 256,979	\$ 120,074	\$ 89,712	\$ 8,609,680	
127. G-42	\$ 185,811	\$ 231,046	\$ 505,006	\$ 1,237,887	\$ 1,826,381	\$ 2,148,341	\$ 1,867,601	\$ 1,597,628	\$ 995,501	\$ 436,677	\$ 236,186	\$ 179,643	\$ 11,447,707	
128. G-43	\$ 38,155	\$ 44,358	\$ 73,268	\$ 344,841	\$ 456,388	\$ 573,631	\$ 486,994	\$ 440,578	\$ 293,160	\$ 68,718	\$ 45,313	\$ 35,606	\$ 2,901,010	
129. G-51	\$ 54,235	\$ 51,990	\$ 58,837	\$ 75,173	\$ 88,910	\$ 105,375	\$ 89,762	\$ 85,311	\$ 68,263	\$ 58,535	\$ 58,136	\$ 53,124	\$ 847,652	
130. G-52	\$ 76,375	\$ 75,950	\$ 85,929	\$ 163,525	\$ 188,323	\$ 218,184	\$ 185,443	\$ 181,453	\$ 146,280	\$ 85,044	\$ 84,406	\$ 76,974	\$ 1,567,885	
131. G-53	\$ 59,085	\$ 60,231	\$ 63,213	\$ 166,814	\$ 174,256	\$ 210,014	\$ 174,473	\$ 169,705	\$ 131,920	\$ 52,507	\$ 57,107	\$ 49,467	\$ 1,368,792	
132. G-54	\$ 60,738	\$ 59,620	\$ 50,326	\$ 105,211	\$ 86,284	\$ 87,545	\$ 71,039	\$ 84,082	\$ 96,058	\$ 46,197	\$ 46,380	\$ 51,360	\$ 844,837	
133. Total C/I	\$ 560,043	\$ 628,674	\$ 1,125,085	\$ 2,994,611	\$ 4,283,989	\$ 5,149,018	\$ 4,424,119	\$ 3,808,335	\$ 2,425,543	\$ 1,004,656	\$ 647,603	\$ 535,886	\$ 27,587,563	
134. Total All	\$ 1,198,064	\$ 1,322,409	\$ 2,587,729	\$ 6,729,342	\$ 9,987,815	\$ 11,963,119	\$ 10,316,233	\$ 8,661,054	\$ 5,276,118	\$ 2,304,673	\$ 1,441,963	\$ 1,167,767	\$ 62,956,286	

TOTAL REVENUE

2021-22 Decoupling Year Weather Normalized Base Revenue														
	S&T Aug-21	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Total	
135. R-1	\$ 68,928	\$ 67,542	\$ 74,585	\$ 86,168	\$ 99,175	\$ 105,138	\$ 92,838	\$ 94,624	\$ 81,257	\$ 73,571	\$ 68,107	\$ 67,321	\$ 979,253	
136. R-3	\$ 1,779,916	\$ 1,788,730	\$ 2,530,434	\$ 4,580,458	\$ 6,442,433	\$ 7,463,781	\$ 6,503,218	\$ 5,650,238	\$ 3,764,286	\$ 2,374,994	\$ 1,854,154	\$ 1,905,865	\$ 46,638,508	
137. R-4	\$ 125,093	\$ 130,405	\$ 196,328	\$ 369,394	\$ 511,204	\$ 595,850	\$ 516,920	\$ 459,401	\$ 311,260	\$ 198,248	\$ 154,573	\$ -	\$ 3,568,675	
138. Total Resid.	\$ 1,973,937	\$ 1,986,677	\$ 2,801,347	\$ 5,036,020	\$ 7,052,812	\$ 8,164,769	\$ 7,112,975	\$ 6,204,263	\$ 4,156,804	\$ 2,646,812	\$ 2,076,834	\$ 1,973,186	\$ 51,186,437	
139. G-41	\$ 631,020	\$ 632,747	\$ 841,920	\$ 1,449,662	\$ 2,036,580	\$ 2,381,685	\$ 2,069,971	\$ 1,826,613	\$ 1,249,562	\$ 821,971	\$ 647,197	\$ 639,798	\$ 15,228,727	
140. G-42	\$ 440,873	\$ 477,897	\$ 761,270	\$ 1,487,133	\$ 2,085,071	\$ 2,407,784	\$ 2,102,482	\$ 1,857,880	\$ 1,247,310	\$ 695,325	\$ 481,121	\$ 437,589	\$ 14,481,734	
141. G-43	\$ 85,126	\$ 89,345	\$ 121,096	\$ 391,152	\$ 504,608	\$ 622,219	\$ 530,879	\$ 489,166	\$ 340,181	\$ 116,693	\$ 91,085	\$ 84,226	\$ 3,465,776	
142. G-51	\$ 130,244	\$ 125,452	\$ 134,807	\$ 148,674	\$ 164,744	\$ 181,158	\$ 158,301	\$ 161,273	\$ 141,791	\$ 134,364	\$ 130,334	\$ 128,932	\$ 1,740,075	
143. G-52	\$ 148,133	\$ 145,442	\$ 157,618	\$ 232,933	\$ 260,195	\$ 290,308	\$ 250,627	\$ 253,566	\$ 215,858	\$ 157,152	\$ 153,087	\$ 149,329	\$ 2,414,248	
144. G-53	\$ 85,650	\$ 85,938	\$ 89,777	\$ 192,522	\$ 200,442	\$ 235,797	\$ 197,761	\$ 194,707	\$ 156,115	\$ 76,727	\$ 79,614	\$ 75,956	\$ 1,671,006	
145. G-54	\$ 81,984	\$ 80,035	\$ 71,421	\$ 125,348	\$ 106,598	\$ 107,884	\$ 89,405	\$ 104,755	\$ 116,472	\$ 65,729	\$ 64,526	\$ 73,186	\$ 1,087,344	
146. Total C/I	\$ 1,603,029	\$ 1,636,858	\$ 2,177,910	\$ 4,027,423	\$ 5,358,239	\$ 6,226,835	\$ 5,399,427	\$ 4,887,960	\$ 3,467,289	\$ 2,067,962	\$ 1,646,963	\$ 1,589,015	\$ 40,088,911	
147. Total All	\$ 3,576,967	\$ 3,623,535	\$ 4,979,257	\$ 9,063,444	\$ 12,411,051	\$ 14,391,604	\$ 12,512,402	\$ 11,092,223	\$ 7,624,093	\$ 4,714,774	\$ 3,723,797	\$ 3,562,201	\$ 91,275,347	

REVENUE PER BILL

2021-22 Decoupling Year Weather Normalized Base Revenue														
	S&T Aug-21	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Total	
1. R-1	\$ 68,928	\$ 67,542	\$ 74,585	\$ 86,168	\$ 99,175	\$ 105,138	\$ 92,838	\$ 94,624	\$ 81,257	\$ 73,571	\$ 68,107	\$ 67,321	2/5/4581	
2. R-3	\$ 1,779,916	\$ 1,788,730	\$ 2,530,434	\$ 4,580,458	\$ 6,442,433	\$ 7,463,781	\$ 6,503,218	\$ 5,650,238	\$ 3,764,286	\$ 2,374,994	\$ 1,854,154	\$ 1,905,865	\$ 46,638,508	
3. R-4	\$ 125,093	\$ 130,405	\$ 196,328	\$ 369,394	\$ 511,204	\$ 595,850	\$ 516,920	\$ 459,401	\$ 311,260	\$ 198,248	\$ 154,573	\$ -	\$ 3,568,675	
4. Total Resid.	\$ 1,973,937	\$ 1,986,677	\$ 2,801,347	\$ 5,036,020	\$ 7,052,812	\$ 8,164,769	\$ 7,112,975	\$ 6,204,263	\$ 4,156,804	\$ 2,646,812	\$ 2,076,834	\$ 1,973,186	\$ 51,186,437	
5. G-41	\$ 631,020	\$ 632,747	\$ 841,920	\$ 1,449,662	\$ 2,036,580	\$ 2,381,685	\$ 2,069,971	\$ 1,826,613	\$ 1,249,562	\$ 821,971	\$ 647,197	\$ 639,798	\$ 15,228,727	
6. G-42	\$ 440,873	\$ 477,897	\$ 761,270	\$ 1,487,133	\$ 2,085,071	\$ 2,407,784	\$ 2,102,482	\$ 1,857,880	\$ 1,247,310	\$ 695,325	\$ 481,121	\$ 437,589	\$ 14,481,734	
7. G-43	\$ 85,126	\$ 89,345	\$ 121,096	\$ 391,152	\$ 504,608	\$ 622,219	\$ 530,879	\$ 489,166	\$ 340,181	\$ 116,693	\$ 91,085	\$ 84,226	\$ 3,465,776	
8. G-51	\$ 130,244	\$ 125,452	\$ 134,807	\$ 148,674	\$ 164,744	\$ 181,158	\$ 158,301	\$ 161,273	\$ 141,791	\$ 134,364	\$ 130,334	\$ 128,932	\$ 1,740,075	
9. G-52	\$ 148,133	\$ 145,442	\$ 157,618	\$ 232,933	\$ 260,195	\$ 290,308	\$ 250,627	\$ 253,566	\$ 215,858	\$ 157,152	\$ 153,087	\$ 149,329	\$ 2,414,248	
10. G-53	\$ 85,650	\$ 85,938	\$ 89,777	\$ 192,522	\$ 200,442	\$ 235,797	\$ 197,761	\$ 194,707	\$ 156,115	\$ 76,727	\$ 79,614	\$ 75,956	\$ 1,671,006	
11. G-54	\$ 81,984	\$ 80,035	\$ 71,421	\$ 125,348	\$ 106,598	\$ 107,884	\$ 89,405	\$ 104,755	\$ 116,472	\$ 65,729	\$ 64,526	\$ 73,186	\$ 1,087,344	
12. Total C/I	\$ 1,603,029	\$ 1,636,858	\$ 2,177,910	\$ 4,027,423	\$ 5,358,239	\$ 6,226,835	\$ 5,399,427	\$ 4,887,960	\$ 3,467,289	\$ 2,067,962	\$ 1,646,963	\$ 1,589,015	\$ 40,088,911	
13. Total All	\$ 3,576,967	\$ 3,623,535	\$ 4,979,257	\$ 9,063,444	\$ 12,411,051	\$ 14,391,604	\$ 12,512,402	\$ 11,092,223	\$ 7,624,093	\$ 4,714,774	\$ 3,723,797	\$ 3,562,201	\$ 91,275,347	
2021-22 Customers (Equivalent Bills)														
	S&T Aug-21	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Total	
14. R-1	3,640	3,521	3,638	3,520	3,637	3,625	3,264	3,603	3,465	3,574	3,417	3,558	42,462	
15. R-3	77,730	75,063	77,311	74,797	77,579	77,687	70,250	77,785	75,173	77,494	73,808	83,583	918,260	
16. R-4	5,421	5,415	6,023	6,225	6,423	6,437	5,801	6,419	6,224	6,430	6,094	-	66,912	
17. Total Resid.	86,791	83,999	86,972	84,541	87,640	87,749	79,316	87,806	84,862	87,498	83,319	87,141	1,027,633	
18. G-41	9,558	9,240	9,699	9,613	10,044	10,090	9,133	10,113	9,730	9,902	9,238	9,640	115,999	
19. G-42	1,490	1,442	1,497	1,456	1,511	1,516	1,372	1,520	1,471	1,511	1,431	1,507	17,723	
20. G-43	64	61	65	63	66	66	60	66	64	65	62	66	769	
21. G-51	1,332	1,287	1,331	1,288	1,329	1,328	1,201	1,331	1,289	1,329	1,265	1,329	15,640	
22. G-52	419	406	419	405	420	421	381	421	406	421	401	423	4,944	
23. G-53	35	34	35	34	35	34	31	33	32	32	30	35	400	
24. G-54	28	27	28	27	27	27	24	27	27	26	24	29	321	
25. Total C/I	12,926	12,498	13,074	12,886	13,431	13,482	12,202	13,512	13,019	13,286	12,451	13,028	155,795	
26. Total All	99,717	96,497	100,046	97,427	101,071	101,231	91,518	101,318	97,881	100,783	95,770	100,169	1,183,429	

Docket No. DG 22-045
Exhibit 39
Liberty Utilities (EnergyNorth Natural Gas) Corp.
Docket DG 22-045
Revenue Decoupling Adjustment Factor
Revenue Per Bill Variance

Docket No. DG 22-045
Attachment 22-045 RR 1.5
Page 7 of 11

REVENUE PER BILL

2021-22 Actual Base Revenue Per Bill														
	S&T		S&T		S&T		S&T		S&T		S&T		S&T	S&T
	Aug-21		Sep-21		Oct-21		Nov-21		Dec-21		Jan-22		Feb-22	Total
27. R-1	\$ 18.936	\$	19.184	\$	20.501	\$	24.483	\$	27.268	\$	29.003	\$	28.440	\$ 23.062
28. R-3	\$ 22.899	\$	23.830	\$	32.731	\$	61.238	\$	83.043	\$	96.075	\$	72.639	\$ 50.790
29. R-4	\$ 23.077	\$	24.082	\$	32.595	\$	59.345	\$	79.584	\$	92.567	\$	71.572	\$ 53.334
30. Total Resid.	\$ 22.744	\$	23.651	\$	32.210	\$	59.569	\$	80.475	\$	93.047	\$	89.679	\$ 49.810
31. G-41	\$ 66.022	\$	68.476	\$	86.808	\$	150.809	\$	202.762	\$	236.039	\$	226.637	\$ 131.283
32. G-42	\$ 295.905	\$	331.424	\$	508.553	\$	1,021.429	\$	1,379.835	\$	1,588.772	\$	1,532.396	\$ 817.122
33. G-43	\$ 1,331.483	\$	1,459.097	\$	1,860.160	\$	6,205.467	\$	7,688.288	\$	9,408.551	\$	8,887.493	\$ 4,508.553
34. G-51	\$ 97.777	\$	97.443	\$	101.253	\$	115.419	\$	123.961	\$	136.404	\$	121.145	\$ 111.259
35. G-52	\$ 353.399	\$	358.293	\$	376.389	\$	574.528	\$	619.758	\$	689.076	\$	658.215	\$ 488.327
36. G-53	\$ 2,437.849	\$	2,527.598	\$	2,555.329	\$	5,662.411	\$	5,787.571	\$	6,914.900	\$	6,420.817	\$ 4,180.659
37. G-54	\$ 2,917.597	\$	2,964.258	\$	2,559.897	\$	4,706.452	\$	3,967.678	\$	4,010.570	\$	3,680.567	\$ 3,390.190
38. Total C/I	\$ 124.015	\$	130.970	\$	166.585	\$	312.549	\$	398.938	\$	461.854	\$	442.496	\$ 257.318
2021-22 Allowed Revenue Per Bill														
	S&T		S&T		S&T		S&T		S&T		S&T		S&T	S&T
	Aug-21		Sep-21		Oct-21		Nov-21		Dec-21		Jan-22		Feb-22	Total
39. R-1	\$ 19.019	\$	19.435	\$	20.546	\$	22.982	\$	25.299	\$	26.014	\$	25.540	\$ 22.106
40. R-3	\$ 23.085	\$	25.352	\$	37.025	\$	62.207	\$	83.921	\$	97.157	\$	93.255	\$ 52.132
41. R-4	\$ 23.085	\$	25.352	\$	37.025	\$	62.207	\$	83.921	\$	97.157	\$	93.255	\$ 55.991
42. Total Resid.	\$ 22.915	\$	25.104	\$	36.336	\$	60.574	\$	81.488	\$	94.217	\$	90.468	\$ 51.143
43. G-41	\$ 66.385	\$	70.916	\$	94.488	\$	154.776	\$	204.268	\$	235.956	\$	226.979	\$ 133.467
44. G-42	\$ 301.796	\$	360.170	\$	572.697	\$	1,034.777	\$	1,394.253	\$	1,578.472	\$	1,524.667	\$ 835.109
45. G-43	\$ 1,372.855	\$	1,462.191	\$	2,016.955	\$	5,871.987	\$	7,656.083	\$	8,928.306	\$	8,426.278	\$ 4,374.763
46. G-51	\$ 98.006	\$	98.750	\$	101.809	\$	115.084	\$	126.203	\$	133.825	\$	130.979	\$ 111.214
47. G-52	\$ 377.804	\$	384.365	\$	407.882	\$	611.436	\$	669.830	\$	731.471	\$	706.568	\$ 521.069
48. G-53	\$ 2,476.034	\$	2,356.654	\$	2,625.619	\$	5,366.438	\$	6,077.525	\$	6,797.367	\$	6,197.111	\$ 4,133.028
49. G-54	\$ 3,090.866	\$	2,982.545	\$	2,965.834	\$	4,662.611	\$	3,822.712	\$	3,719.928	\$	3,726.283	\$ 3,398.555
50. Total C/I	\$ 126.463	\$	136.662	\$	182.528	\$	315.642	\$	403.773	\$	458.472	\$	440.581	\$ 261.260

REVENUE PER BILL

2021-22 Revenue Per Bill Difference (Allowed - Actual)														
	S&T		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
	Aug-21		Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Total
51. R-1	\$ 0.083	\$	0.251	\$ 0.045	\$ (1.501)	\$ (1.969)	\$ (2.989)	\$ (2.900)	\$ (1.958)	\$ (0.842)	\$ 0.371	\$ (0.174)	\$ 0.010	\$ (0.956)
52. R-3	\$ 0.187	\$	1.522	\$ 4.295	\$ 0.969	\$ 0.878	\$ 1.082	\$ 0.682	\$ 2.074	\$ 0.492	\$ 3.387	\$ 0.351	\$ 0.146	\$ 1.342
53. R-4	\$ 0.008	\$	1.269	\$ 4.431	\$ 2.863	\$ 4.337	\$ 4.590	\$ 4.153	\$ 3.141	\$ 0.559	\$ 3.200	\$ 0.106	\$ 22.948	\$ 2.657
54. Total Resid.	\$ 0.171	\$	1.452	\$ 4.126	\$ 1.006	\$ 1.014	\$ 1.171	\$ 0.789	\$ 1.987	\$ 0.442	\$ 3.250	\$ 0.311	\$ 0.140	\$ 1.333
55. G-41	\$ 0.363	\$	2.440	\$ 7.679	\$ 3.967	\$ 1.506	\$ (0.083)	\$ 0.342	\$ 3.978	\$ (0.279)	\$ 5.786	\$ 0.564	\$ (0.274)	\$ 2.185
56. G-42	\$ 5.891	\$	28.746	\$ 64.144	\$ 13.348	\$ 14.418	\$ (10.300)	\$ (7.729)	\$ 19.449	\$ 7.104	\$ 63.423	\$ 10.470	\$ 4.454	\$ 17.987
57. G-43	\$ 41.372	\$	3.094	\$ 156.796	\$ (333.480)	\$ (32.205)	\$ (480.245)	\$ (461.215)	\$ (383.791)	\$ (333.406)	\$ 182.276	\$ (11.987)	\$ 32.037	\$ (133.790)
58. G-51	\$ 0.230	\$	1.306	\$ 0.556	\$ (0.335)	\$ 2.242	\$ (2.579)	\$ (0.811)	\$ 0.761	\$ 1.392	\$ 3.384	\$ (4.363)	\$ (2.532)	\$ (0.045)
59. G-52	\$ 24.405	\$	26.072	\$ 31.493	\$ 36.908	\$ 50.073	\$ 42.395	\$ 48.353	\$ 48.812	\$ 45.833	\$ 29.038	\$ (4.473)	\$ 14.157	\$ 32.741
60. G-53	\$ 38.184	\$	(170.943)	\$ 70.290	\$ (295.972)	\$ 289.954	\$ (117.533)	\$ (223.706)	\$ (133.154)	\$ (1.387)	\$ 113.296	\$ (367.328)	\$ 160.828	\$ (47.631)
61. G-54	\$ 173.270	\$	18.287	\$ 405.937	\$ (43.840)	\$ (144.967)	\$ (290.643)	\$ 45.716	\$ (443.957)	\$ (480.087)	\$ 230.914	\$ 185.419	\$ 431.318	\$ 8.365
62. Total C/I	\$ 2.448	\$	5.692	\$ 15.942	\$ 3.092	\$ 4.836	\$ (3.382)	\$ (1.915)	\$ 3.660	\$ (0.475)	\$ 14.402	\$ 0.453	\$ 2.065	\$ 3.942
2021-22 Revenue Per Bill Percent Difference (Allowed - Actual)														
	S&T		S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T	S&T
	Aug-21		Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Total
63. R-1	0.4%		1.3%	0.2%	(6.1%)	(7.2%)	(10.3%)	(10.2%)	(7.5%)	(3.6%)	1.8%	(0.9%)	0.1%	(4.1%)
64. R-3	0.8%		6.4%	13.1%	1.6%	1.1%	1.1%	0.7%	2.9%	1.0%	11.1%	1.4%	0.6%	2.6%
65. R-4	0.0%		5.3%	13.6%	4.8%	5.4%	5.0%	4.7%	4.4%	1.1%	10.4%	0.4%	0.0%	5.0%
66. Total Resid.	0.8%		6.1%	12.8%	1.7%	1.3%	1.3%	0.9%	2.8%	0.9%	10.7%	1.2%	0.6%	2.7%
67. G-41	0.6%		3.6%	8.8%	2.6%	0.7%	(0.0%)	0.2%	2.2%	(0.2%)	7.0%	0.8%	(0.4%)	1.7%
68. G-42	2.0%		8.7%	12.6%	1.3%	1.0%	(0.6%)	(0.5%)	1.6%	0.8%	13.8%	3.1%	1.5%	2.2%
69. G-43	3.1%		0.2%	8.4%	(5.4%)	(0.4%)	(5.1%)	(5.2%)	(5.2%)	(6.3%)	10.2%	(0.8%)	2.5%	(3.0%)
70. G-51	0.2%		1.3%	0.5%	(0.3%)	1.8%	(1.9%)	(0.6%)	0.6%	1.3%	3.3%	(4.2%)	(2.6%)	(0.0%)
71. G-52	6.9%		7.3%	8.4%	6.4%	8.1%	6.2%	7.3%	8.1%	8.6%	7.8%	(1.2%)	4.0%	6.7%
72. G-53	1.6%		(6.8%)	2.8%	(5.2%)	5.0%	(1.7%)	(3.5%)	(2.3%)	(0.0%)	4.7%	(13.7%)	7.4%	(1.1%)
73. G-54	5.9%		0.6%	15.9%	(0.9%)	(3.7%)	(7.2%)	1.2%	(11.6%)	(11.1%)	9.1%	6.9%	17.0%	0.2%
74. Total C/I	2.0%		4.3%	9.6%	1.0%	1.2%	(0.7%)	(0.4%)	1.0%	(0.2%)	9.3%	0.3%	1.7%	1.5%

USE PER BILL

2021-22 Decoupling Year Weather Normalized Volume Headblock + Tailblock													
	S&T Aug-21	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Total
75. R-1	33,560	34,728	48,357	83,240	112,372	128,366	110,811	101,909	72,646	48,286	40,336	32,662	847,272
76. R-3	1,035,918	1,124,452	2,379,896	6,088,314	9,318,134	11,128,550	9,626,352	7,906,015	4,628,971	2,098,902	1,274,922	1,099,588	57,710,014
77. R-4	73,959	83,546	183,965	485,735	732,078	881,993	759,223	640,233	382,529	176,271	107,905	-	4,507,437
78. Total Resid.	1,143,437	1,242,725	2,612,218	6,657,289	10,162,584	12,138,909	10,496,385	8,648,158	5,084,146	2,323,458	1,423,163	1,132,250	63,064,723
79. G-41	243,211	301,843	819,693	2,526,470	4,234,226	5,255,721	4,526,777	3,566,525	1,915,434	721,767	344,472	255,087	24,711,226
80. G-42	521,797	660,562	1,488,028	3,706,179	5,710,727	6,769,308	5,916,901	4,902,524	2,913,658	1,256,251	666,096	500,572	35,012,602
81. G-43	318,499	370,277	611,606	1,316,295	1,742,079	2,189,608	1,858,905	1,681,731	1,119,023	573,625	378,254	297,220	12,457,120
82. G-51	253,742	242,828	278,298	362,629	437,316	521,772	445,542	416,988	327,125	275,428	271,317	246,733	4,079,718
83. G-52	520,356	523,305	605,846	818,549	970,120	1,134,177	969,054	927,688	725,669	596,557	581,880	522,292	8,895,492
84. G-53	725,521	739,589	776,203	982,729	1,026,569	1,237,228	1,027,846	999,758	777,160	644,743	701,233	607,422	10,246,001
85. G-54	1,726,877	1,695,103	1,430,843	1,624,520	1,332,276	1,351,744	1,096,879	1,298,276	1,483,188	1,313,451	1,318,649	1,460,239	17,132,047
86. Total C/I	4,310,002	4,533,506	6,010,518	11,337,371	15,453,313	18,459,558	15,841,904	13,793,491	9,261,256	5,381,823	4,261,901	3,889,564	112,534,206
87. Total All	5,453,439	5,776,231	8,622,736	17,994,660	25,615,897	30,598,467	26,338,289	22,441,648	14,345,401	7,705,281	5,685,064	5,021,814	175,598,929
2021-22 Decoupling Year Use Per Bill													
	S&T Aug-21	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Total
88. R-1	9.2	9.9	13.3	23.7	30.9	35.4	33.9	28.3	21.0	13.5	11.8	9.2	20.0
89. R-3	13.3	15.0	30.8	81.4	120.1	143.2	137.0	101.6	61.6	27.1	17.3	13.2	62.8
90. R-4	13.6	15.4	30.5	78.0	114.0	137.0	130.9	99.7	61.5	27.4	17.7	-	67.4
91. Total Resid.	13.2	14.8	30.0	78.7	116.0	138.3	132.3	98.5	59.9	26.6	17.1	13.0	61.4
92. G-41	25.4	32.7	84.5	262.8	421.6	520.9	495.6	352.7	196.9	72.9	37.3	26.5	213.0
93. G-42	350.2	458.1	994.1	2,545.6	3,779.2	4,466.7	4,312.5	3,224.9	1,980.9	831.5	465.6	332.2	1,975.6
94. G-43	4,981.7	6,047.0	9,394.9	20,882.5	26,542.6	33,109.0	31,120.1	25,429.4	17,484.7	8,784.4	6,071.5	4,491.2	16,205.2
95. G-51	190.5	188.6	209.0	281.5	329.1	392.9	370.9	313.2	253.9	207.3	214.4	185.7	260.9
96. G-52	1,241.4	1,289.1	1,446.7	2,019.0	2,310.7	2,692.1	2,545.0	2,202.3	1,785.5	1,416.3	1,450.4	1,235.8	1,799.3
97. G-53	20,650.6	21,752.6	22,093.1	28,903.8	29,641.2	36,282.4	33,371.7	30,234.7	24,286.2	20,127.3	23,557.6	17,338.5	25,634.3
98. G-54	61,454.9	62,781.6	51,284.9	60,995.8	49,588.7	50,250.9	45,155.5	47,482.9	54,932.9	50,843.5	54,943.7	50,585.8	53,415.4
99. Total C/I	333.4	362.7	459.7	879.8	1,150.5	1,369.2	1,298.3	1,020.8	711.4	405.1	342.3	298.5	722.3
100. Total All	54.7	59.9	86.2	184.7	253.4	302.3	287.8	221.5	146.6	76.5	59.4	50.1	148.4

Docket No. DG 22-045
Exhibit 39
Liberty Utilities (EnergyNorth Natural Gas) Corp.
Docket DG 22-045
Revenue Decoupling Adjustment Factor
Revenue Per Bill Variance

Docket No. DG 22-045
Attachment 22-045 RR 1.5
Page 10 of 11

USE PER BILL

2019 Calendar BF Volume Headblock + Tailblock Normal													
	S&T Aug-19	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-19	S&T Feb-19	S&T Mar-19	S&T Apr-19	S&T May-19	S&T Jun-19	S&T Jul-19	S&T Total
101. R-1	33,810	36,626	48,235	69,313	93,103	97,975	84,735	82,543	64,831	51,688	39,314	32,897	735,069
102. R-3	1,026,126	1,290,236	2,907,536	6,113,594	9,300,748	11,020,664	9,494,316	8,006,299	4,584,155	2,503,537	1,303,267	1,008,233	58,558,712
103. R-4	77,951	93,593	212,691	472,668	690,755	860,658	734,527	625,079	358,534	193,703	103,707	78,507	4,502,373
104. Total Resid.	1,137,887	1,420,456	3,168,462	6,655,576	10,084,607	11,979,296	10,313,578	8,713,920	5,007,519	2,748,928	1,446,287	1,119,637	63,796,153
105. G-41	246,476	359,548	1,028,148	2,576,804	4,171,821	5,132,010	4,413,747	3,591,625	1,859,672	876,208	358,400	240,445	24,854,903
106. G-42	542,996	782,279	1,786,849	3,705,709	5,646,435	6,515,421	5,677,385	4,833,236	2,822,105	1,508,319	707,157	511,069	35,038,961
107. G-43	308,616	352,223	641,510	1,145,200	1,677,651	1,906,787	1,616,732	1,482,602	959,217	628,323	352,314	290,119	11,361,293
108. G-51	257,335	253,506	285,447	365,659	456,906	506,025	440,889	423,117	335,940	296,899	247,943	230,394	4,100,060
109. G-52	589,443	597,042	711,252	901,946	1,083,029	1,182,704	1,023,656	1,001,806	797,552	667,003	559,146	549,589	9,664,169
110. G-53	697,644	647,913	782,805	896,286	1,069,009	1,323,942	1,077,007	1,041,553	825,450	753,147	647,603	663,090	10,425,448
111. G-54	1,783,436	1,645,840	1,687,929	1,568,290	1,319,489	1,346,450	1,240,294	1,217,477	1,338,475	1,661,027	1,686,035	1,786,996	18,281,736
112. Total C/I	4,425,946	4,638,351	6,923,940	11,159,895	15,424,339	17,913,338	15,489,710	13,591,417	8,938,410	6,390,925	4,558,598	4,271,701	113,726,570
113. Total All	5,563,833	6,058,806	10,092,402	17,815,471	25,508,946	29,892,634	25,803,289	22,305,337	13,945,930	9,139,853	6,004,885	5,391,338	177,522,724
2019 Customers (Equivalent Bills)													
	S&T Aug-19	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-19	S&T Feb-19	S&T Mar-19	S&T Apr-19	S&T May-19	S&T Jun-19	S&T Jul-19	S&T Total
114. R-1	3,583	3,482	3,597	3,510	3,612	3,545	3,210	3,559	3,453	3,571	3,464	3,573	42,160
115. R-3	75,281	72,954	75,571	73,370	76,262	75,718	68,469	75,859	73,335	75,591	72,982	75,333	890,726
116. R-4	5,554	5,308	5,667	5,870	5,857	6,127	5,523	6,094	5,811	5,902	5,636	5,680	69,028
117. Total Resid.	84,418	81,744	84,835	82,750	85,732	85,390	77,202	85,511	82,599	85,064	82,082	84,586	1,001,914
118. G-41	9,309	9,017	9,520	9,462	9,860	9,842	8,900	9,857	9,494	9,655	9,178	9,362	113,456
119. G-42	1,477	1,426	1,481	1,441	1,486	1,467	1,326	1,467	1,409	1,451	1,398	1,465	17,294
120. G-43	58	58	60	58	64	61	55	62	59	61	59	61	716
121. G-51	1,349	1,301	1,350	1,311	1,348	1,335	1,206	1,336	1,288	1,323	1,278	1,335	15,760
122. G-52	412	398	414	403	417	400	362	402	389	403	390	407	4,798
123. G-53	33	33	34	33	34	37	34	35	34	35	34	34	411
124. G-54	27	26	27	26	28	29	27	30	28	29	28	28	334
125. Total C/I	12,665	12,260	12,887	12,734	13,237	13,172	11,909	13,189	12,701	12,956	12,365	12,693	152,768
126. Total All	97,083	94,004	97,722	95,484	98,969	98,563	89,112	98,700	95,300	98,020	94,447	97,279	1,154,683
2019 Use Per Bill													
	S&T Aug-19	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-19	S&T Feb-19	S&T Mar-19	S&T Apr-19	S&T May-19	S&T Jun-19	S&T Jul-19	S&T Total
127. R-1	9.4	10.5	13.4	19.7	25.8	27.6	26.4	23.2	18.8	14.5	11.3	9.2	17.4
128. R-3	13.6	17.7	38.5	83.3	122.0	145.5	138.7	105.5	62.5	33.1	17.9	13.4	65.7
129. R-4	14.0	17.6	37.5	80.5	117.9	140.5	133.0	102.6	61.7	32.8	18.4	13.8	65.2
130. Total Resid.	13.5	17.4	37.3	80.4	117.6	140.3	133.6	101.9	60.6	32.3	17.6	13.2	63.7
131. G-41	26.5	39.9	108.0	272.3	423.1	521.4	495.9	364.4	195.9	90.8	39.1	25.7	219.1
132. G-42	367.6	548.4	1,206.1	2,572.3	3,799.6	4,441.6	4,282.9	3,294.4	2,003.3	1,039.6	505.9	348.8	2,026.1
133. G-43	5,327.1	6,072.8	10,703.7	19,609.6	26,419.6	31,275.9	29,359.6	23,964.4	16,212.1	10,306.0	5,971.4	4,758.6	15,872.9
134. G-51	190.8	194.8	211.4	279.0	338.8	379.0	365.6	316.8	260.9	224.5	194.0	172.6	260.2
135. G-52	1,430.0	1,500.7	1,719.6	2,235.9	2,594.1	2,953.1	2,830.4	2,492.3	2,048.8	1,655.4	1,432.9	1,349.3	2,014.0
136. G-53	21,119.4	19,653.6	22,956.2	27,160.2	31,349.3	35,590.0	32,053.8	29,450.3	24,278.1	21,518.5	19,047.1	19,313.3	25,384.6
137. G-54	66,381.3	63,301.5	62,826.4	60,318.8	47,350.3	45,763.2	45,861.4	40,627.9	47,520.1	57,408.8	60,215.5	62,848.9	54,807.0
138. Total C/I	349.5	378.3	537.3	876.4	1,165.2	1,359.9	1,300.6	1,030.5	703.8	493.3	368.7	336.5	744.4
139. Total All	57.3	64.5	103.3	186.6	257.7	303.3	289.6	226.0	146.3	93.2	63.6	55.4	153.7

USE PER BILL

2021-22 to 2019 Use Per Bill Difference (Actual - Allowed)														
	S&T Aug	S&T Sep	S&T Oct	S&T Nov	S&T Dec	S&T Jan	S&T Feb	S&T Mar	S&T Apr	S&T May	S&T Jun	S&T Jul	S&T Total	
140. R-1	(0.2)	(0.7)	(0.1)	3.9	5.1	7.8	7.5	5.1	2.2	(1.0)	0.5	(0.0)	2.5	
141. R-3	(0.3)	(2.7)	(7.7)	(1.9)	(1.8)	(2.3)	(1.6)	(3.9)	(0.9)	(6.0)	(0.6)	(0.2)	(2.9)	
142. R-4	(0.4)	(2.2)	(7.0)	(2.5)	(4.0)	(3.5)	(2.1)	(2.8)	(0.2)	(5.4)	(0.7)	(13.8)	2.1	
143. Total Resid.	(0.3)	(2.6)	(7.3)	(1.7)	(1.7)	(2.0)	(1.3)	(3.4)	(0.7)	(5.8)	(0.5)	(0.2)	(2.3)	
144. G-41	(1.0)	(7.2)	(23.5)	(9.5)	(1.6)	(0.5)	(0.3)	(11.7)	1.0	(17.9)	(1.8)	0.8	(6.0)	
145. G-42	(17.3)	(90.3)	(212.1)	(26.7)	(20.4)	25.1	29.6	(69.6)	(22.4)	(208.2)	(40.3)	(16.6)	(50.5)	
146. G-43	(345.4)	(25.8)	(1,308.9)	1,272.9	122.9	1,833.1	1,760.5	1,465.0	1,272.6	(1,521.6)	100.1	(267.4)	332.3	
147. G-51	(0.3)	(6.2)	(2.4)	2.5	(9.8)	13.9	5.3	(3.5)	(7.0)	(17.2)	20.5	13.1	0.7	
148. G-52	(188.6)	(211.5)	(272.8)	(217.0)	(283.4)	(261.0)	(285.4)	(290.0)	(263.3)	(239.1)	17.5	(113.6)	(214.7)	
149. G-53	(468.9)	2,099.1	(863.1)	1,743.6	(1,708.2)	692.4	1,317.9	784.4	8.2	(1,391.2)	4,510.5	(1,974.8)	249.6	
150. G-54	(4,926.3)	(519.9)	(11,541.5)	676.9	2,238.4	4,487.7	(705.9)	6,855.0	7,412.8	(6,565.3)	(5,271.8)	(12,263.1)	(1,391.6)	
151. Total C/I	(16.0)	(15.6)	(77.6)	3.5	(14.7)	9.3	(2.4)	(9.7)	7.6	(88.2)	(26.4)	(38.0)	(22.1)	
152. Total All	(2.6)	(4.6)	(17.1)	(1.9)	(4.3)	(1.0)	(1.8)	(4.5)	0.2	(16.8)	(4.2)	(5.3)	(5.4)	
2021-22 to 2019 Percent Use Per Bill Difference (Actual - Allowed)														
	S&T Aug	S&T Sep	S&T Oct	S&T Nov	S&T Dec	S&T Jan	S&T Feb	S&T Mar	S&T Apr	S&T May	S&T Jun	S&T Jul	S&T Total	
153. R-1	(2.3%)	(6.2%)	(0.9%)	19.8%	19.9%	28.1%	28.6%	22.0%	11.7%	(6.7%)	4.0%	(0.3%)	14.4%	
154. R-3	(2.2%)	(15.3%)	(20.0%)	(2.3%)	(1.5%)	(1.6%)	(1.2%)	(3.7%)	(1.5%)	(18.2%)	(3.3%)	(1.7%)	(4.4%)	
155. R-4	(2.8%)	(12.5%)	(18.6%)	(3.1%)	(3.4%)	(2.5%)	(1.6%)	(2.8%)	(0.4%)	(16.5%)	(3.8%)	(100.0%)	3.3%	
156. Total Resid.	(2.3%)	(14.9%)	(19.6%)	(2.1%)	(1.4%)	(1.4%)	(0.9%)	(3.3%)	(1.2%)	(17.8%)	(3.1%)	(1.8%)	(3.6%)	
157. G-41	(3.9%)	(18.1%)	(21.7%)	(3.5%)	(0.4%)	(0.1%)	(0.1%)	(3.2%)	0.5%	(19.7%)	(4.5%)	3.0%	(2.8%)	
158. G-42	(4.7%)	(16.5%)	(17.6%)	(1.0%)	(0.5%)	0.6%	0.7%	(2.1%)	(1.1%)	(20.0%)	(8.0%)	(4.8%)	(2.5%)	
159. G-43	(6.5%)	(0.4%)	(12.2%)	6.5%	0.5%	5.9%	6.0%	6.1%	7.8%	(14.8%)	1.7%	(5.6%)	2.1%	
160. G-51	(0.1%)	(3.2%)	(1.1%)	0.9%	(2.9%)	3.7%	1.5%	(1.1%)	(2.7%)	(7.7%)	10.5%	7.6%	0.3%	
161. G-52	(13.2%)	(14.1%)	(15.9%)	(9.7%)	(10.9%)	(8.8%)	(10.1%)	(11.6%)	(12.9%)	(14.4%)	1.2%	(8.4%)	(10.7%)	
162. G-53	(2.2%)	10.7%	(3.8%)	6.4%	(5.4%)	1.9%	4.1%	2.7%	0.0%	(6.5%)	23.7%	(10.2%)	1.0%	
163. G-54	(7.4%)	(0.8%)	(18.4%)	1.1%	4.7%	9.8%	(1.5%)	16.9%	15.6%	(11.4%)	(8.8%)	(19.5%)	(2.5%)	
164. Total C/I	(4.6%)	(4.1%)	(14.4%)	0.4%	(1.3%)	0.7%	(0.2%)	(0.9%)	1.1%	(17.9%)	(7.2%)	(11.3%)	(3.0%)	
165. Total All	(4.6%)	(7.1%)	(16.5%)	(1.0%)	(1.7%)	(0.3%)	(0.6%)	(2.0%)	0.2%	(18.0%)	(6.6%)	(9.5%)	(3.5%)	

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty

DG 22-045
Winter 2022-2023 Cost of Gas Reconciliation

New Hampshire Public Utilities Commission Record Requests – Set 1

Date Request Received: 9/1/23
Request No: RR 2

Date of Response: 10/6/23
Respondent: James Bonner

REQUEST:

Please provide the following calculations in live Excel format to support the cumulative Revenue Decoupling Adjustment Factor (RDAF) under recovery through Decoupling Year (DY) 4 (DY 4 running from September 1, 2021 through August 31, 2022), with DY 4 separately stated from any prior under recovery.

- a. Calculate calendarized actual monthly revenue supported by billing determinants (customer counts or equivalent bills, head block, tail block, etc.) and corresponding rates. Also, show the normal weather adjustment (NWA) revenue separately, and report any other adjustments with supporting schedules.
- b. Using the same billing determinant, calculate the monthly allowed revenue using the allowed RPC.
- c. Based on (a) and (b), calculate the monthly Revenue Decoupling Adjustments. Reconcile discrepancies, if any, relative to what was filed

RESPONSE:

- a. See Response to RR 6 and Attachment RR 6, pp. 5-8. The requested calculation is identical to the calculation used to develop Actual Revenue in the DY 1 and DY 2 methodology. See Attachment RR 2, p. 12, lines 135-147 for the requested breakdown of the Normal Weather Adjustment included in Attachment RR 6, pp. 5-8.
- b. See Response to RR 6 and Attachment RR 6, pp. 4. The requested calculation is identical to the calculation used to develop Allowed Revenue in the DY 1 and DY 2 methodology.
- c. See Response to RR 6 and Attachment RR 6, pp. 10. The monthly Revenue Decoupling Adjustments using the DY 1 and DY 2 methodology are shown on lines 27-39 and the monthly Revenue Decoupling Adjustments as filed are shown on lines 40-48. The difference between the two methods by month by customer class is shown on lines 49-51. An analysis reconciling the monthly differences between the two methods is underway but is not yet complete.

Docket No. DG 22-045
Exhibit 39
Liberty Utilities (EnergyNorth Natural Gas) Corp.
Docket DG 22-045
Revenue Decoupling Adjustment Factor
Actual Decoupling Year Revenues

SALES AND TRANSPORT DATA

CUSTOMER COMPONENT

EnergyNorth Natural Gas Inc

2021-22 Customers (Equivalent Bills)

	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total
1. R-1	3,521	3,638	3,520	3,637	3,625	3,264	3,603	3,465	3,574	3,417	3,558	3,546	42,368
2. R-3	75,063	77,311	74,797	77,579	77,687	70,250	77,785	75,173	77,494	73,808	83,583	83,453	923,983
3. R-4	5,415	6,023	6,225	6,423	6,437	5,801	6,419	6,224	6,430	6,094	-	-	61,491
4. Total Resid.	83,999	86,972	84,541	87,640	87,749	79,316	87,806	84,862	87,498	83,319	87,141	86,999	1,027,841
5. G-41	9,240	9,699	9,613	10,044	10,090	9,133	10,113	9,730	9,902	9,238	9,640	9,595	116,037
6. G-42	1,442	1,497	1,456	1,511	1,516	1,372	1,520	1,471	1,511	1,431	1,507	1,504	17,737
7. G-43	61	65	63	66	66	60	66	64	65	62	66	66	771
8. G-51	1,287	1,331	1,288	1,329	1,328	1,201	1,331	1,289	1,329	1,265	1,329	1,325	15,632
9. G-52	406	419	405	420	421	381	421	406	421	401	423	422	4,947
10. G-53	34	35	34	35	34	31	33	32	32	30	35	35	400
11. G-54	27	28	27	27	27	24	27	27	26	24	29	29	321
12. Total C/I	12,498	13,074	12,886	13,431	13,482	12,202	13,512	13,019	13,286	12,451	13,028	12,975	155,845
13. Total All	96,497	100,046	97,427	101,071	101,231	91,518	101,318	97,881	100,783	95,770	100,169	99,974	1,183,686

2021-22 Customer Charge

	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	
14. R-1	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39
15. R-3	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39
16. R-4	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39
17. G-41	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 62.03	\$ 62.03
18. G-42	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 186.03	\$ 186.03
19. G-43	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 796.32	\$ 796.32
20. G-51	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 62.08	\$ 62.08
21. G-52	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 185.80	\$ 185.80
22. G-53	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 821.64	\$ 821.64
23. G-54	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 821.64	\$ 821.64

2021-22 Customer Revenue

	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total
24. R-1	\$ 54,194	\$ 55,998	\$ 54,174	\$ 55,983	\$ 55,799	\$ 50,246	\$ 55,453	\$ 53,335	\$ 55,012	\$ 52,603	\$ 54,767	\$ 54,569	\$ 652,132
25. R-3	\$ 1,155,399	\$ 1,189,993	\$ 1,151,305	\$ 1,194,131	\$ 1,195,789	\$ 1,081,317	\$ 1,197,292	\$ 1,157,087	\$ 1,192,818	\$ 1,136,073	\$ 1,286,538	\$ 1,284,340	\$ 14,222,084
26. R-4	\$ 83,349	\$ 92,713	\$ 95,811	\$ 98,872	\$ 99,080	\$ 89,298	\$ 98,799	\$ 95,806	\$ 98,966	\$ 93,797	\$ -	\$ -	\$ 946,491
27. Total Resid.	\$ 1,292,942	\$ 1,338,704	\$ 1,301,290	\$ 1,348,986	\$ 1,350,668	\$ 1,220,862	\$ 1,351,545	\$ 1,306,228	\$ 1,346,796	\$ 1,282,473	\$ 1,341,305	\$ 1,338,909	\$ 15,820,707
28. G-41	\$ 527,266	\$ 553,413	\$ 548,503	\$ 573,132	\$ 575,758	\$ 521,162	\$ 577,035	\$ 555,201	\$ 564,992	\$ 527,122	\$ 550,086	\$ 595,179	\$ 6,668,850
29. G-42	\$ 246,852	\$ 256,264	\$ 249,246	\$ 258,690	\$ 259,443	\$ 234,881	\$ 260,252	\$ 251,809	\$ 258,648	\$ 244,935	\$ 257,946	\$ 279,775	\$ 3,058,741
30. G-43	\$ 44,988	\$ 47,829	\$ 46,310	\$ 48,220	\$ 48,588	\$ 43,886	\$ 48,588	\$ 47,020	\$ 47,975	\$ 45,771	\$ 48,621	\$ 52,668	\$ 570,463
31. G-51	\$ 73,463	\$ 75,970	\$ 73,502	\$ 75,834	\$ 75,783	\$ 68,540	\$ 75,962	\$ 73,529	\$ 75,828	\$ 72,198	\$ 75,807	\$ 82,226	\$ 898,640
32. G-52	\$ 69,493	\$ 71,690	\$ 69,407	\$ 71,873	\$ 72,124	\$ 65,185	\$ 72,113	\$ 69,578	\$ 72,108	\$ 68,681	\$ 72,354	\$ 78,369	\$ 852,974
33. G-53	\$ 25,707	\$ 26,564	\$ 25,707	\$ 26,186	\$ 25,783	\$ 23,288	\$ 25,002	\$ 24,195	\$ 24,220	\$ 22,507	\$ 26,489	\$ 28,958	\$ 304,608
34. G-54	\$ 20,415	\$ 21,095	\$ 20,138	\$ 20,314	\$ 20,339	\$ 18,367	\$ 20,673	\$ 20,415	\$ 19,533	\$ 18,146	\$ 21,826	\$ 23,663	\$ 244,924
35. Total C/I	\$ 1,008,184	\$ 1,052,825	\$ 1,032,812	\$ 1,074,249	\$ 1,077,817	\$ 975,308	\$ 1,079,625	\$ 1,041,747	\$ 1,063,305	\$ 999,360	\$ 1,053,129	\$ 1,140,839	\$ 12,599,200
36. Total All	\$ 2,301,125	\$ 2,391,529	\$ 2,334,102	\$ 2,423,236	\$ 2,428,486	\$ 2,196,169	\$ 2,431,169	\$ 2,347,974	\$ 2,410,101	\$ 2,281,833	\$ 2,394,434	\$ 2,479,748	\$ 28,419,906

Docket No. DG 22-045
Exhibit 39
Liberty Utilities (EnergyNorth Natural Gas) Corp.
Docket DG 22-045
Revenue Decoupling Adjustment Factor
Actual Decoupling Year Revenues

ENERGY COMPONENT

HEADBLOCK

2021-22 Decoupling Year Weather Normalized Volume Headblock													
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total
37. R-1	34,728	48,357	83,240	112,372	128,366	110,811	101,909	72,646	48,286	40,336	32,662	30,748	844,460
38. R-3	1,124,452	2,379,896	6,088,314	9,318,134	11,128,550	9,626,352	7,906,015	4,628,971	2,098,902	1,274,922	1,099,588	1,041,473	57,715,569
39. R-4	83,546	183,965	485,735	732,078	881,993	759,223	640,233	382,529	176,271	107,905	-	-	4,433,478
40. Total Resid.	1,242,725	2,612,218	6,657,289	10,162,584	12,138,909	10,496,385	8,648,158	5,084,146	2,323,458	1,423,163	1,132,250	1,072,221	62,993,507
41. G-41	67,717	197,292	685,564	844,454	979,446	800,409	821,166	592,244	192,825	75,310	60,937	59,423	5,376,786
42. G-42	306,006	580,520	1,305,770	1,441,797	1,592,319	1,319,928	1,446,892	1,183,606	562,796	331,120	263,959	262,616	10,597,329
43. G-43	370,277	611,606	1,316,295	1,742,079	2,189,608	1,858,905	1,681,731	1,119,023	573,625	378,254	297,220	319,744	12,458,366
44. G-51	75,856	79,361	88,262	88,744	98,726	82,086	90,034	84,183	81,635	85,232	80,103	80,021	1,014,244
45. G-52	311,162	333,908	384,136	387,701	428,793	354,331	387,597	356,686	334,480	345,398	325,979	326,301	4,276,472
46. G-53	739,589	776,203	982,729	1,026,569	1,237,228	1,027,846	999,758	777,160	644,743	701,233	607,422	638,861	10,159,340
47. G-54	1,695,103	1,430,843	1,624,520	1,332,276	1,351,744	1,096,879	1,298,276	1,483,188	1,313,451	1,318,649	1,460,239	1,697,243	17,102,413
48. Total C/I	3,565,711	4,009,734	6,387,276	6,863,619	7,877,865	6,540,383	6,725,454	5,596,089	3,703,555	3,235,196	3,095,858	3,384,209	60,984,950
49. Total All	4,808,437	6,621,952	13,044,565	17,026,203	20,016,774	17,036,769	15,373,612	10,680,235	6,027,014	4,658,359	4,228,108	4,456,430	123,978,457

2021-22 Headblock Charge														S&T Aug-22
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22			
50. R-1	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.4873			
51. R-3	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.6337			
52. R-4	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.6337			
53. G-41	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.5007			
54. G-42	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4558			
55. G-43	\$ 0.1198	\$ 0.1198	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.1198	\$ 0.1198	\$ 0.1392			
56. G-51	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.3020			
57. G-52	\$ 0.1759	\$ 0.1759	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.1759	\$ 0.1759	\$ 0.1933			
58. G-53	\$ 0.0814	\$ 0.0814	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.0814	\$ 0.0814	\$ 0.0936			
59. G-54	\$ 0.0352	\$ 0.0352	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0352	\$ 0.0352	\$ 0.0397			

2021-22 Decoupling Year Weather Normalized Volume Headblock Revenue																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Docket No. DG 22-045
Exhibit 39
Liberty Utilities (EnergyNorth Natural Gas) Corp.
Docket DG 22-045
Revenue Decoupling Adjustment Factor
Actual Decoupling Year Revenues

TAILBLOCK

2021-22 Decoupling Year Weather Normalized Volume Tailblock														
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total	
73. R-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
74. R-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75. R-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76. Total Resid.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
77. G-41	234,125	622,402	1,840,906	3,389,772	4,276,275	3,726,368	2,745,359	1,323,190	528,943	269,162	194,150	178,781	19,329,434	
78. G-42	354,556	907,508	2,400,409	4,268,931	5,176,989	4,596,973	3,455,632	1,730,052	693,455	334,976	236,613	237,588	24,393,680	
79. G-43	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80. G-51	166,971	198,936	274,367	348,572	423,046	363,456	326,955	242,942	193,793	186,085	166,630	150,288	3,042,042	
81. G-52	212,142	271,938	434,413	582,419	705,383	614,724	540,090	368,983	262,077	236,482	196,313	198,936	4,623,901	
82. G-53	-	-	-	-	-	-	-	-	-	-	-	-	-	-
83. G-54	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84. Total C/I	967,795	2,000,784	4,950,095	8,589,694	10,581,693	9,301,520	7,068,037	3,665,167	1,678,267	1,026,704	793,706	765,593	51,389,056	
85. Total All	967,795	2,000,784	4,950,095	8,589,694	10,581,693	9,301,520	7,068,037	3,665,167	1,678,267	1,026,704	793,706	765,593	51,389,056	
2021-22 Tailblock Charge														
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22		
86. R-1	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.4873		
87. R-3	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.6337		
88. R-4	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.6337		
89. G-41	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3469		
90. G-42	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.3136		
91. G-43	\$ 0.1198	\$ 0.1198	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.1198	\$ 0.1198	\$ 0.1198	\$ 0.1392		
92. G-51	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.2034		
93. G-52	\$ 0.1000	\$ 0.1000	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1000	\$ 0.1000	\$ 0.1000	\$ 0.1174		
94. G-53	\$ 0.0814	\$ 0.0814	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.0814	\$ 0.0814	\$ 0.0814	\$ 0.0936		
95. G-54	\$ 0.0352	\$ 0.0352	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0352	\$ 0.0352	\$ 0.0352	\$ 0.0397		
2021-22 Decoupling Year Weather Normalized Volume Tailblock Revenue														
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total	
96. R-1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
97. R-3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
98. R-4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
99. Total Resid.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
100. G-41	\$ 73,736	\$ 196,021	\$ 579,779	\$ 1,067,583	\$ 1,346,781	\$ 1,173,592	\$ 864,630	\$ 416,729	\$ 166,587	\$ 84,770	\$ 61,146	\$ 62,019	\$ 6,093,373	
101. G-42	\$ 100,671	\$ 257,673	\$ 681,561	\$ 1,212,100	\$ 1,469,930	\$ 1,305,243	\$ 981,176	\$ 491,223	\$ 196,896	\$ 95,111	\$ 67,183	\$ 74,507	\$ 6,933,276	
102. G-43	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
103. G-51	\$ 30,606	\$ 36,465	\$ 50,292	\$ 63,893	\$ 77,544	\$ 66,621	\$ 59,931	\$ 44,531	\$ 35,522	\$ 34,109	\$ 30,543	\$ 30,569	\$ 560,627	
104. G-52	\$ 21,206	\$ 27,184	\$ 70,242	\$ 94,174	\$ 114,056	\$ 99,397	\$ 87,329	\$ 59,662	\$ 26,198	\$ 23,640	\$ 19,624	\$ 23,355	\$ 666,068	
105. G-53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
106. G-54	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
107. Total C/I	\$ 226,219	\$ 517,343	\$ 1,381,874	\$ 2,437,751	\$ 3,008,311	\$ 2,644,853	\$ 1,993,067	\$ 1,012,145	\$ 425,203	\$ 237,631	\$ 178,496	\$ 190,450	\$ 14,253,344	
108. Total All	\$ 226,219	\$ 517,343	\$ 1,381,874	\$ 2,437,751	\$ 3,008,311	\$ 2,644,853	\$ 1,993,067	\$ 1,012,145	\$ 425,203	\$ 237,631	\$ 178,496	\$ 190,450	\$ 14,253,344	

Docket No. DG 22-045
Exhibit 39
Liberty Utilities (EnergyNorth Natural Gas) Corp.
Docket DG 22-045
Revenue Decoupling Adjustment Factor
Actual Decoupling Year Revenues

HEADBLOCK + TAILBLOCK

2021-22 Decoupling Year Weather Normalized Volume Headblock + Tailblock													
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total
109. R-1	34,728	48,357	83,240	112,372	128,366	110,811	101,909	72,646	48,286	40,336	32,662	30,748	844,460
110. R-3	1,124,452	2,379,896	6,088,314	9,318,134	11,128,550	9,626,352	7,906,015	4,628,971	2,098,902	1,274,922	1,099,588	1,041,473	57,715,569
111. R-4	83,546	183,965	485,735	732,078	881,993	759,223	640,233	382,529	176,271	107,905	-	-	4,433,478
112. Total Resid.	1,242,725	2,612,218	6,657,289	10,162,584	12,138,909	10,496,385	8,648,158	5,084,146	2,323,458	1,423,163	1,132,250	1,072,221	62,993,507
113. G-41	301,843	819,693	2,526,470	4,234,226	5,255,721	4,526,777	3,566,525	1,915,434	721,767	344,472	255,087	238,204	24,706,219
114. G-42	660,562	1,488,028	3,706,179	5,710,727	6,769,308	5,916,901	4,902,524	2,913,658	1,256,251	666,096	500,572	500,203	34,991,009
115. G-43	370,277	611,606	1,316,295	1,742,079	2,189,608	1,858,905	1,681,731	1,119,023	573,625	378,254	297,220	319,744	12,458,366
116. G-51	242,828	278,298	362,629	437,316	521,772	445,542	416,988	327,125	275,428	271,317	246,733	230,309	4,056,286
117. G-52	523,305	605,846	818,549	970,120	1,134,177	969,054	927,688	725,669	596,557	581,880	522,292	525,237	8,900,373
118. G-53	739,589	776,203	982,729	1,026,569	1,237,228	1,027,846	999,758	777,160	644,743	701,233	607,422	638,861	10,159,340
119. G-54	1,695,103	1,430,843	1,624,520	1,332,276	1,351,744	1,096,879	1,298,276	1,483,188	1,313,451	1,318,649	1,460,239	1,697,243	17,102,413
120. Total C/I	4,533,506	6,010,518	11,337,371	15,453,313	18,459,558	15,841,904	13,793,491	9,261,256	5,381,823	4,261,901	3,889,564	4,149,802	112,374,006
121. Total All	5,776,231	8,622,736	17,994,660	25,615,897	30,598,467	26,338,289	22,441,648	14,345,401	7,705,281	5,685,064	5,021,814	5,222,023	175,367,513

2021-22 Decoupling Year Weather Normalized Volume Headblock + Tailblock Revenue													
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total
122. R-1	\$ 13,348	\$ 18,587	\$ 31,994	\$ 43,192	\$ 49,339	\$ 42,592	\$ 39,170	\$ 27,923	\$ 18,559	\$ 15,504	\$ 12,554	\$ 14,984	\$ 327,746
123. R-3	\$ 633,331	\$ 1,340,442	\$ 3,429,153	\$ 5,248,302	\$ 6,267,992	\$ 5,421,901	\$ 4,452,947	\$ 2,607,200	\$ 1,182,175	\$ 718,081	\$ 619,327	\$ 659,982	\$ 32,580,830
124. R-4	\$ 47,056	\$ 103,615	\$ 273,583	\$ 412,332	\$ 496,770	\$ 427,621	\$ 360,602	\$ 215,454	\$ 99,282	\$ 60,776	\$ -	\$ -	\$ 2,497,091
125. Total Resid.	\$ 693,735	\$ 1,462,644	\$ 3,734,731	\$ 5,703,826	\$ 6,814,101	\$ 5,892,114	\$ 4,852,719	\$ 2,850,576	\$ 1,300,017	\$ 794,361	\$ 631,881	\$ 674,965	\$ 35,405,667
126. G-41	\$ 105,481	\$ 288,508	\$ 901,159	\$ 1,463,448	\$ 1,805,927	\$ 1,548,809	\$ 1,249,578	\$ 694,362	\$ 256,979	\$ 120,074	\$ 89,712	\$ 91,772	\$ 8,615,809
127. G-42	\$ 231,046	\$ 505,006	\$ 1,237,857	\$ 1,826,381	\$ 2,148,341	\$ 1,867,601	\$ 1,597,628	\$ 995,501	\$ 436,677	\$ 236,186	\$ 179,643	\$ 194,208	\$ 11,456,104
128. G-43	\$ 44,358	\$ 73,268	\$ 344,841	\$ 456,388	\$ 573,631	\$ 486,994	\$ 440,578	\$ 293,160	\$ 68,718	\$ 45,313	\$ 35,606	\$ 44,508	\$ 2,907,363
129. G-51	\$ 51,990	\$ 58,837	\$ 75,173	\$ 88,910	\$ 105,375	\$ 89,762	\$ 85,311	\$ 68,263	\$ 58,535	\$ 58,136	\$ 53,124	\$ 54,735	\$ 848,151
130. G-52	\$ 75,950	\$ 85,929	\$ 163,525	\$ 188,323	\$ 218,184	\$ 185,443	\$ 181,453	\$ 146,280	\$ 85,044	\$ 84,406	\$ 76,974	\$ 86,429	\$ 1,577,939
131. G-53	\$ 60,231	\$ 63,213	\$ 166,814	\$ 174,256	\$ 210,014	\$ 174,473	\$ 169,705	\$ 131,920	\$ 52,507	\$ 57,107	\$ 49,467	\$ 59,797	\$ 1,369,504
132. G-54	\$ 59,620	\$ 50,326	\$ 105,211	\$ 86,284	\$ 87,545	\$ 71,039	\$ 84,082	\$ 96,058	\$ 46,197	\$ 46,380	\$ 51,360	\$ 67,381	\$ 851,480
133. Total C/I	\$ 628,674	\$ 1,125,085	\$ 2,994,611	\$ 4,283,989	\$ 5,149,018	\$ 4,424,119	\$ 3,808,335	\$ 2,425,543	\$ 1,004,656	\$ 647,603	\$ 535,886	\$ 598,830	\$ 27,626,351
134. Total All	\$ 1,322,409	\$ 2,587,729	\$ 6,729,342	\$ 9,987,815	\$ 11,963,119	\$ 10,316,233	\$ 8,661,054	\$ 5,276,118	\$ 2,304,673	\$ 1,441,963	\$ 1,167,767	\$ 1,273,795	\$ 63,032,018

TOTAL REVENUE

2021-22 Decoupling Year Weather Normalized Base Revenue													
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total
135. R-1	\$ 67,542	\$ 74,585	\$ 86,168	\$ 99,175	\$ 105,138	\$ 92,838	\$ 94,624	\$ 81,257	\$ 73,571	\$ 68,107	\$ 67,321	\$ 69,553	\$ 979,878
136. R-3	\$ 1,788,730	\$ 2,530,434	\$ 4,580,458	\$ 6,442,433	\$ 7,463,781	\$ 6,503,218	\$ 5,650,238	\$ 3,764,286	\$ 2,374,994	\$ 1,854,154	\$ 1,905,865	\$ 1,944,322	\$ 46,802,914
137. R-4	\$ 130,405	\$ 196,328	\$ 369,394	\$ 511,204	\$ 595,850	\$ 516,920	\$ 459,401	\$ 311,260	\$ 198,248	\$ 154,573	\$ -	\$ -	\$ 3,443,582
138. Total Resid.	\$ 1,986,677	\$ 2,801,347	\$ 5,036,020	\$ 7,052,812	\$ 8,164,769	\$ 7,112,975	\$ 6,204,263	\$ 4,156,804	\$ 2,646,812	\$ 2,076,834	\$ 1,973,186	\$ 2,013,874	\$ 51,226,374
139. G-41	\$ 632,747	\$ 841,920	\$ 1,449,662	\$ 2,036,580	\$ 2,381,685	\$ 2,069,971	\$ 1,826,613	\$ 1,249,562	\$ 821,971	\$ 647,197	\$ 639,798	\$ 686,951	\$ 15,284,659
140. G-42	\$ 477,897	\$ 761,270	\$ 1,487,133	\$ 2,085,071	\$ 2,407,784	\$ 2,102,482	\$ 1,857,880	\$ 1,247,310	\$ 695,325	\$ 481,121	\$ 437,589	\$ 473,983	\$ 14,514,844
141. G-43	\$ 89,345	\$ 121,096	\$ 391,152	\$ 504,608	\$ 622,219	\$ 530,879	\$ 489,166	\$ 340,181	\$ 116,693	\$ 91,085	\$ 84,226	\$ 97,176	\$ 3,477,826
142. G-51	\$ 125,452	\$ 134,807	\$ 148,674	\$ 164,744	\$ 181,158	\$ 158,301	\$ 161,273	\$ 141,791	\$ 134,364	\$ 130,334	\$ 128,932	\$ 136,961	\$ 1,746,792
143. G-52	\$ 145,442	\$ 157,618	\$ 232,933	\$ 260,195	\$ 290,308	\$ 250,627	\$ 253,566	\$ 215,858	\$ 157,152	\$ 153,087	\$ 149,329	\$ 164,799	\$ 2,430,913
144. G-53	\$ 85,938	\$ 89,777	\$ 192,522	\$ 200,442	\$ 235,797	\$ 197,761	\$ 194,707	\$ 156,115	\$ 76,727	\$ 79,614	\$ 75,956	\$ 88,756	\$ 1,674,112
145. G-54	\$ 80,035	\$ 71,421	\$ 125,348	\$ 106,598	\$ 107,884	\$ 89,405	\$ 104,755	\$ 116,472	\$ 65,729	\$ 64,526	\$ 73,186	\$ 91,044	\$ 1,096,404
146. Total C/I	\$ 1,636,858	\$ 2,177,910	\$ 4,027,423	\$ 5,358,239	\$ 6,226,835	\$ 5,399,427	\$ 4,887,260	\$ 3,467,289	\$ 2,067,962	\$ 1,646,963	\$ 1,589,015	\$ 1,739,669	\$ 40,225,550
147. Total All	\$ 3,623,535	\$ 4,979,257	\$ 9,063,444	\$ 12,411,051	\$ 14,391,604	\$ 12,512,402	\$ 11,092,223	\$ 7,624,093	\$ 4,714,774	\$ 3,723,797	\$ 3,562,201	\$ 3,753,543	\$ 91,451,924

Docket No. DG 22-045
Exhibit 39
Liberty Utilities (EnergyNorth Natural Gas) Corp.
Docket DG 22-045
Revenue Decoupling Adjustment Factor
Actual Decoupling Year Revenues

SALES AND TRANSPORT DATA

CUSTOMER COMPONENT

EnergyNorth Natural Gas Inc

2021-22 Customers (Equivalent Bills)

	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total
1. R-1	3,521	3,638	3,520	3,637	3,625	3,264	3,603	3,465	3,574	3,417	3,558	3,546	42,368
2. R-3	75,063	77,311	74,797	77,579	77,687	70,250	77,785	75,173	77,494	73,808	83,583	83,453	923,983
3. R-4	5,415	6,023	6,225	6,423	6,437	5,801	6,419	6,224	6,430	6,094	-	-	61,491
4. Total Resid.	83,999	86,972	84,541	87,640	87,749	79,316	87,806	84,862	87,498	83,319	87,141	86,999	1,027,841
5. G-41	9,240	9,699	9,613	10,044	10,090	9,133	10,113	9,730	9,902	9,238	9,640	9,595	116,037
6. G-42	1,442	1,497	1,456	1,511	1,516	1,372	1,520	1,471	1,511	1,431	1,507	1,504	17,737
7. G-43	61	65	63	66	66	60	66	64	65	62	66	66	771
8. G-51	1,287	1,331	1,288	1,329	1,328	1,201	1,331	1,289	1,329	1,265	1,329	1,325	15,632
9. G-52	406	419	405	420	421	381	421	406	421	401	423	422	4,947
10. G-53	34	35	34	35	34	31	33	32	32	30	35	35	400
11. G-54	27	28	27	27	27	24	27	27	26	24	29	29	321
12. Total C/I	12,498	13,074	12,886	13,431	13,482	12,202	13,512	13,019	13,286	12,451	13,028	12,975	155,845
13. Total All	96,497	100,046	97,427	101,071	101,231	91,518	101,318	97,881	100,783	95,770	100,169	99,974	1,183,686

2021-22 Customer Charge

	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22
14. R-1	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39
15. R-3	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39
16. R-4	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39
17. G-41	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 62.03
18. G-42	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 186.03
19. G-43	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 796.32
20. G-51	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 62.08
21. G-52	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 185.80
22. G-53	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 821.64
23. G-54	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 821.64

2021-22 Customer Revenue

	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total
24. R-1	\$ 54,194	\$ 55,998	\$ 54,174	\$ 55,983	\$ 55,799	\$ 50,246	\$ 55,453	\$ 53,335	\$ 55,012	\$ 52,603	\$ 54,767	\$ 54,569	\$ 652,132
25. R-3	\$ 1,155,399	\$ 1,189,993	\$ 1,151,305	\$ 1,194,131	\$ 1,195,789	\$ 1,081,317	\$ 1,197,292	\$ 1,157,087	\$ 1,192,818	\$ 1,136,073	\$ 1,286,538	\$ 1,284,340	\$ 14,222,084
26. R-4	\$ 83,349	\$ 92,713	\$ 95,811	\$ 98,872	\$ 99,080	\$ 89,298	\$ 98,799	\$ 95,806	\$ 98,966	\$ 93,797	\$ -	\$ -	\$ 946,491
27. Total Resid.	\$ 1,292,942	\$ 1,338,704	\$ 1,301,290	\$ 1,348,986	\$ 1,350,668	\$ 1,220,862	\$ 1,351,545	\$ 1,306,228	\$ 1,346,796	\$ 1,282,473	\$ 1,341,305	\$ 1,338,909	\$ 15,820,707
28. G-41	\$ 527,266	\$ 553,413	\$ 548,503	\$ 573,132	\$ 575,758	\$ 521,162	\$ 577,035	\$ 555,201	\$ 564,992	\$ 527,122	\$ 550,086	\$ 595,179	\$ 6,668,850
29. G-42	\$ 246,852	\$ 256,264	\$ 249,246	\$ 258,690	\$ 259,443	\$ 234,881	\$ 260,252	\$ 251,809	\$ 258,648	\$ 244,935	\$ 257,946	\$ 279,775	\$ 3,058,741
30. G-43	\$ 44,988	\$ 47,829	\$ 46,310	\$ 48,220	\$ 48,588	\$ 43,886	\$ 48,588	\$ 47,020	\$ 47,975	\$ 45,771	\$ 48,621	\$ 52,668	\$ 570,463
31. G-51	\$ 73,463	\$ 75,970	\$ 73,502	\$ 75,834	\$ 75,783	\$ 68,540	\$ 75,962	\$ 73,529	\$ 75,828	\$ 72,198	\$ 75,807	\$ 82,226	\$ 898,640
32. G-52	\$ 69,493	\$ 71,690	\$ 69,407	\$ 71,873	\$ 72,124	\$ 65,185	\$ 72,113	\$ 69,578	\$ 72,108	\$ 68,681	\$ 72,354	\$ 78,369	\$ 852,974
33. G-53	\$ 25,707	\$ 26,564	\$ 25,707	\$ 26,186	\$ 25,783	\$ 23,288	\$ 25,002	\$ 24,195	\$ 24,220	\$ 22,507	\$ 26,489	\$ 28,958	\$ 304,608
34. G-54	\$ 20,415	\$ 21,095	\$ 20,138	\$ 20,314	\$ 20,339	\$ 18,367	\$ 20,673	\$ 20,415	\$ 19,533	\$ 18,146	\$ 21,826	\$ 23,663	\$ 244,924
35. Total C/I	\$ 1,008,184	\$ 1,052,825	\$ 1,032,812	\$ 1,074,249	\$ 1,077,817	\$ 975,308	\$ 1,079,625	\$ 1,041,747	\$ 1,063,305	\$ 999,360	\$ 1,053,129	\$ 1,140,839	\$ 12,599,200
36. Total All	\$ 2,301,125	\$ 2,391,529	\$ 2,334,102	\$ 2,423,236	\$ 2,428,486	\$ 2,196,169	\$ 2,431,169	\$ 2,347,974	\$ 2,410,101	\$ 2,281,833	\$ 2,394,434	\$ 2,479,748	\$ 28,419,906

Docket No. DG 22-045
Exhibit 39
Liberty Utilities (EnergyNorth Natural Gas) Corp.
Docket DG 22-045
Revenue Decoupling Adjustment Factor
Actual Decoupling Year Revenues

ENERGY COMPONENT

HEADBLOCK

2021-22 Decoupling Year Non-Weather Normalized Volume Headblock														
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total	
37. R-1	34,728	48,357	81,933	102,558	134,648	103,521	93,413	68,577	48,286	40,336	32,662	30,748	819,767	
38. R-3	1,124,452	2,379,896	5,955,926	8,279,788	11,800,246	8,836,735	7,049,873	4,262,091	2,098,902	1,274,922	1,099,588	1,041,473	55,203,891	
39. R-4	83,546	183,965	475,320	651,341	934,827	697,452	571,381	352,443	176,271	107,905	-	-	4,234,451	
40. Total Resid.	1,242,725	2,612,218	6,513,179	9,033,687	12,869,720	9,637,709	7,714,666	4,683,111	2,323,458	1,423,163	1,132,250	1,072,221	60,258,109	
41. G-41	67,717	197,292	685,564	844,454	979,446	800,409	821,166	592,244	192,825	75,310	60,937	59,423	5,376,786	
42. G-42	306,006	580,520	1,305,770	1,441,797	1,592,319	1,319,928	1,446,892	1,183,606	562,796	331,120	263,959	262,616	10,597,329	
43. G-43	370,277	611,606	1,290,355	1,565,415	2,313,046	1,717,483	1,513,810	1,038,501	573,625	378,254	297,220	319,744	11,989,337	
44. G-51	75,856	79,361	88,262	88,744	98,726	82,086	90,034	84,183	81,635	85,232	80,103	80,021	1,014,244	
45. G-52	311,162	333,908	384,136	387,701	428,793	354,331	387,597	356,686	334,480	345,398	325,979	326,301	4,276,472	
46. G-53	739,589	776,203	974,685	983,935	1,274,617	989,901	956,796	762,702	644,743	701,233	607,422	638,861	10,050,686	
47. G-54	1,695,103	1,430,843	1,624,520	1,332,276	1,351,744	1,096,879	1,298,276	1,483,188	1,313,451	1,318,649	1,460,239	1,697,243	17,102,413	
48. Total C/I	3,565,711	4,009,734	6,353,292	6,644,321	8,038,692	6,361,017	6,514,571	5,501,110	3,703,555	3,235,196	3,095,858	3,384,209	60,407,266	
49. Total All	4,808,437	6,621,952	12,866,471	15,678,008	20,908,412	15,998,725	14,229,237	10,184,221	6,027,014	4,658,359	4,228,108	4,456,430	120,665,375	

2021-22 Headblock Charge														S&T Aug-22
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22			
50. R-1	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.4873	
51. R-3	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.6337	
52. R-4	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.6337	
53. G-41	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.5007	
54. G-42	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4558	
55. G-43	\$ 0.1198	\$ 0.1198	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.1198	\$ 0.1198	\$ 0.1198	\$ 0.1198	\$ 0.1392	
56. G-51	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.3020	
57. G-52	\$ 0.1759	\$ 0.1759	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.1759	\$ 0.1759	\$ 0.1759	\$ 0.1759	\$ 0.1933	
58. G-53	\$ 0.0814	\$ 0.0814	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.0814	\$ 0.0814	\$ 0.0814	\$ 0.0814	\$ 0.0936	
59. G-54	\$ 0.0352	\$ 0.0352	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0352	\$ 0.0352	\$ 0.0352	\$ 0.0352	\$ 0.0397	

2021-22 Decoupling Year Non-Weather Normalized Volume Headblock Revenue																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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Docket No. DG 22-045
Exhibit 39
Liberty Utilities (EnergyNorth Natural Gas) Corp.
Docket DG 22-045
Revenue Decoupling Adjustment Factor
Actual Decoupling Year Revenues

TAILBLOCK

2021-22 Decoupling Year Non-Weather Normalized Volume Tailblock														
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total	
73. R-1	-	-	-	-	-	-	-	-	-	-	-	-	-	
74. R-3	-	-	-	-	-	-	-	-	-	-	-	-	-	
75. R-4	-	-	-	-	-	-	-	-	-	-	-	-	-	
76. Total Resid.	-	-	-	-	-	-	-	-	-	-	-	-	-	
77. G-41	234,125	622,402	1,781,442	2,890,322	4,609,388	3,335,632	2,332,161	1,153,947	528,943	269,162	194,150	178,781	18,130,453	
78. G-42	354,556	907,508	2,317,081	3,618,397	5,592,720	4,102,294	2,909,861	1,486,496	693,455	334,976	236,613	237,588	22,791,542	
79. G-43	-	-	-	-	-	-	-	-	-	-	-	-	-	
80. G-51	166,971	198,936	271,323	325,517	440,928	343,774	306,611	234,702	193,793	186,085	166,630	150,288	2,985,559	
81. G-52	212,142	271,938	426,344	526,815	745,715	570,052	490,291	347,119	262,077	236,482	196,313	198,936	4,484,225	
82. G-53	-	-	-	-	-	-	-	-	-	-	-	-	-	
83. G-54	-	-	-	-	-	-	-	-	-	-	-	-	-	
84. Total C/I	967,795	2,000,784	4,796,190	7,361,050	11,388,750	8,351,752	6,038,924	3,222,264	1,678,267	1,026,704	793,706	765,593	48,391,779	
85. Total All	967,795	2,000,784	4,796,190	7,361,050	11,388,750	8,351,752	6,038,924	3,222,264	1,678,267	1,026,704	793,706	765,593	48,391,779	

2021-22 Tailblock Charge															S&T Aug-22
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22				
86. R-1	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.4873				
87. R-3	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.6337				
88. R-4	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.6337				
89. G-41	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3469				
90. G-42	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.3136				
91. G-43	\$ 0.1198	\$ 0.1198	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.1198	\$ 0.1198	\$ 0.1392				
92. G-51	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.2034				
93. G-52	\$ 0.1000	\$ 0.1000	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1000	\$ 0.1000	\$ 0.1174				
94. G-53	\$ 0.0814	\$ 0.0814	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.0814	\$ 0.0814	\$ 0.0936				
95. G-54	\$ 0.0352	\$ 0.0352	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0352	\$ 0.0352	\$ 0.0397				

2021-22 Decoupling Year Non-Weather Normalized Volume Tailblock Revenue																											
	S&T Sep-21		S&T Oct-21		S&T Nov-21		S&T Dec-21		S&T Jan-22		S&T Feb-22		S&T Mar-22		S&T Apr-22		S&T May-22		S&T Jun-22		S&T Jul-22		S&T Aug-22		S&T Total		
96. R-1	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
97. R-3	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
98. R-4	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
99. Total Resid.	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
100. G-41	\$	73,736	\$	196,021	\$	561,052	\$	910,285	\$	1,451,692	\$	1,050,532	\$	734,497	\$	363,427	\$	166,587	\$	84,770	\$	61,146	\$	62,019	\$	5,715,763	
101. G-42	\$	100,671	\$	257,673	\$	657,901	\$	1,027,391	\$	1,587,971	\$	1,164,786	\$	826,213	\$	422,069	\$	196,896	\$	95,111	\$	67,183	\$	74,507	\$	6,478,373	
102. G-43	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
103. G-51	\$	30,606	\$	36,465	\$	49,734	\$	59,667	\$	80,822	\$	63,014	\$	56,202	\$	43,021	\$	35,522	\$	34,109	\$	30,543	\$	30,569	\$	550,274	
104. G-52	\$	21,206	\$	27,184	\$	68,937	\$	85,183	\$	120,577	\$	92,174	\$	79,277	\$	56,127	\$	26,198	\$	23,640	\$	19,624	\$	23,355	\$	643,483	
105. G-53	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
106. G-54	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
107. Total C/I	\$	226,219	\$	517,343	\$	1,337,624	\$	2,082,526	\$	3,241,062	\$	2,370,506	\$	1,696,188	\$	884,644	\$	425,203	\$	237,631	\$	178,496	\$	190,450	\$	13,387,893	
108. Total All	\$	226,219	\$	517,343	\$	1,337,624	\$	2,082,526	\$	3,241,062	\$	2,370,506	\$	1,696,188	\$	884,644	\$	425,203	\$	237,631	\$	178,496	\$	190,450	\$	13,387,893	

Docket No. DG 22-045
Exhibit 39
Liberty Utilities (EnergyNorth Natural Gas) Corp.
Docket DG 22-045
Revenue Decoupling Adjustment Factor
Actual Decoupling Year Revenues

HEADBLOCK + TAILBLOCK

2021-22 Decoupling Year Non-Weather Normalized Volume Headblock + Tailblock													
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total
109. R-1	34,728	48,357	81,933	102,558	134,648	103,521	93,413	68,577	48,286	40,336	32,662	30,748	819,767
110. R-3	1,124,452	2,379,896	5,955,926	8,279,788	11,800,246	8,836,735	7,049,873	4,262,091	2,098,902	1,274,922	1,099,588	1,041,473	55,203,891
111. R-4	83,546	183,965	475,320	651,341	934,827	697,452	571,381	352,443	176,271	107,905	-	-	4,234,451
112. Total Resid.	1,242,725	2,612,218	6,513,179	9,033,687	12,869,720	9,637,709	7,714,666	4,683,111	2,323,458	1,423,163	1,132,250	1,072,221	60,258,109
113. G-41	301,843	819,693	2,467,006	3,734,775	5,588,833	4,136,041	3,153,327	1,746,190	721,767	344,472	255,087	238,204	23,507,239
114. G-42	660,562	1,488,028	3,622,851	5,060,193	7,185,039	5,422,222	4,356,754	2,670,101	1,256,251	666,096	500,572	500,203	33,388,871
115. G-43	370,277	611,606	1,290,355	1,565,415	2,313,046	1,717,483	1,513,810	1,038,501	573,625	378,254	297,220	319,744	11,989,337
116. G-51	242,828	278,298	359,585	414,261	539,654	425,860	396,645	318,886	275,428	271,317	246,733	230,309	3,999,804
117. G-52	523,305	605,846	810,480	914,516	1,174,508	924,383	877,888	703,805	596,557	581,880	522,292	525,237	8,760,696
118. G-53	739,589	776,203	974,685	983,935	1,274,617	989,901	956,796	762,702	644,743	701,233	607,422	638,861	10,050,686
119. G-54	1,695,103	1,430,843	1,624,520	1,332,276	1,351,744	1,096,879	1,298,276	1,483,188	1,313,451	1,318,649	1,460,239	1,697,243	17,102,413
120. Total C/I	4,533,506	6,010,518	11,149,482	14,005,371	19,427,442	14,712,768	12,553,495	8,723,374	5,381,823	4,261,901	3,889,564	4,149,802	108,799,046
121. Total All	5,776,231	8,622,736	17,662,661	23,039,058	32,297,162	24,350,477	20,268,161	13,406,485	7,705,281	5,685,064	5,021,814	5,222,023	169,057,155

2021-22 Decoupling Year Non-Weather Normalized Volume Headblock + Tailblock Revenue														
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total	
122. R-1	\$ 13,348	\$ 18,587	\$ 31,492	\$ 39,420	\$ 51,754	\$ 39,790	\$ 35,905	\$ 26,359	\$ 18,559	\$ 15,504	\$ 12,554	\$ 14,984	\$ 318,254	
123. R-3	\$ 633,331	\$ 1,340,442	\$ 3,354,588	\$ 4,663,468	\$ 6,646,314	\$ 4,977,161	\$ 3,970,737	\$ 2,400,560	\$ 1,182,175	\$ 718,081	\$ 619,327	\$ 659,982	\$ 31,166,165	
124. R-4	\$ 47,056	\$ 103,615	\$ 267,717	\$ 366,858	\$ 526,527	\$ 392,830	\$ 321,822	\$ 198,508	\$ 99,282	\$ 60,776	\$ -	\$ -	\$ 2,384,992	
125. Total Resid.	\$ 693,735	\$ 1,462,644	\$ 3,653,797	\$ 5,069,746	\$ 7,224,595	\$ 5,409,780	\$ 4,328,463	\$ 2,625,427	\$ 1,300,017	\$ 794,361	\$ 631,881	\$ 674,965	\$ 33,869,411	
126. G-41	\$ 105,481	\$ 288,508	\$ 882,432	\$ 1,306,149	\$ 1,910,838	\$ 1,425,749	\$ 1,119,444	\$ 641,060	\$ 256,979	\$ 120,074	\$ 89,712	\$ 91,772	\$ 8,238,199	
127. G-42	\$ 231,046	\$ 505,006	\$ 1,214,227	\$ 1,641,671	\$ 2,266,382	\$ 1,727,144	\$ 1,442,664	\$ 926,347	\$ 436,677	\$ 236,186	\$ 179,643	\$ 194,208	\$ 11,001,200	
128. G-43	\$ 44,358	\$ 73,268	\$ 338,046	\$ 410,106	\$ 605,969	\$ 449,944	\$ 396,586	\$ 272,065	\$ 68,718	\$ 45,313	\$ 35,606	\$ 44,508	\$ 2,784,487	
129. G-51	\$ 51,990	\$ 58,837	\$ 74,615	\$ 84,684	\$ 108,653	\$ 86,154	\$ 81,582	\$ 66,752	\$ 58,535	\$ 58,136	\$ 53,124	\$ 54,735	\$ 837,798	
130. G-52	\$ 75,950	\$ 85,929	\$ 162,221	\$ 179,332	\$ 224,705	\$ 178,219	\$ 173,401	\$ 142,744	\$ 85,044	\$ 84,406	\$ 76,974	\$ 86,429	\$ 1,555,355	
131. G-53	\$ 60,231	\$ 63,213	\$ 165,449	\$ 167,019	\$ 216,361	\$ 168,032	\$ 162,412	\$ 129,466	\$ 52,507	\$ 57,107	\$ 49,467	\$ 59,797	\$ 1,351,061	
132. G-54	\$ 59,620	\$ 50,326	\$ 105,211	\$ 86,284	\$ 87,545	\$ 71,039	\$ 84,082	\$ 96,058	\$ 46,197	\$ 46,380	\$ 51,360	\$ 67,381	\$ 851,480	
133. Total C/I	\$ 628,674	\$ 1,125,085	\$ 2,942,200	\$ 3,875,245	\$ 5,420,454	\$ 4,106,282	\$ 3,460,172	\$ 2,274,492	\$ 1,004,656	\$ 647,603	\$ 535,886	\$ 598,830	\$ 26,619,580	
134. Total All	\$ 1,322,409	\$ 2,587,729	\$ 6,595,997	\$ 8,944,992	\$ 12,645,049	\$ 9,516,062	\$ 7,788,635	\$ 4,899,919	\$ 2,304,673	\$ 1,441,963	\$ 1,167,767	\$ 1,273,795	\$ 60,488,991	

TOTAL REVENUE

2021-22 Decoupling Year Non-Weather Normalized Base Revenue														S&T Total
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total	
135. R-1	\$ 67,542	\$ 74,585	\$ 85,666	\$ 95,403	\$ 107,553	\$ 90,036	\$ 91,358	\$ 79,693	\$ 73,571	\$ 68,107	\$ 67,321	\$ 69,553	\$ 970,387	
136. R-3	\$ 1,788,730	\$ 2,530,434	\$ 4,505,893	\$ 5,857,599	\$ 7,842,104	\$ 6,058,478	\$ 5,168,029	\$ 3,557,647	\$ 2,374,994	\$ 1,854,154	\$ 1,905,865	\$ 1,944,322	\$ 45,388,248	
137. R-4	\$ 130,405	\$ 196,328	\$ 363,528	\$ 465,731	\$ 625,607	\$ 482,128	\$ 420,621	\$ 294,315	\$ 198,248	\$ 154,573	\$ -	\$ -	\$ 3,331,483	
138. Total Resid.	\$ 1,986,677	\$ 2,801,347	\$ 4,955,086	\$ 6,418,733	\$ 8,575,264	\$ 6,630,642	\$ 5,680,008	\$ 3,931,655	\$ 2,646,812	\$ 2,076,834	\$ 1,973,186	\$ 2,013,874	\$ 49,690,118	
139. G-41	\$ 632,747	\$ 841,920	\$ 1,430,934	\$ 1,879,282	\$ 2,486,597	\$ 1,946,912	\$ 1,696,480	\$ 1,196,260	\$ 821,971	\$ 647,197	\$ 639,798	\$ 686,951	\$ 14,907,049	
140. G-42	\$ 477,897	\$ 761,270	\$ 1,463,473	\$ 1,900,361	\$ 2,525,825	\$ 1,962,025	\$ 1,702,917	\$ 1,178,155	\$ 695,325	\$ 481,121	\$ 437,589	\$ 473,983	\$ 14,059,941	
141. G-43	\$ 89,345	\$ 121,096	\$ 384,356	\$ 458,326	\$ 654,557	\$ 493,830	\$ 445,174	\$ 319,086	\$ 116,693	\$ 91,085	\$ 84,226	\$ 97,176	\$ 3,354,951	
142. G-51	\$ 125,452	\$ 134,807	\$ 148,116	\$ 160,518	\$ 184,436	\$ 154,694	\$ 157,544	\$ 140,281	\$ 134,364	\$ 130,334	\$ 128,932	\$ 136,961	\$ 1,736,439	
143. G-52	\$ 145,442	\$ 157,618	\$ 231,628	\$ 251,204	\$ 296,829	\$ 243,404	\$ 245,514	\$ 212,323	\$ 157,152	\$ 153,087	\$ 149,329	\$ 164,799	\$ 2,408,329	
144. G-53	\$ 85,938	\$ 89,777	\$ 191,156	\$ 193,205	\$ 242,144	\$ 191,320	\$ 187,414	\$ 153,661	\$ 76,727	\$ 79,614	\$ 75,956	\$ 88,756	\$ 1,655,668	
145. G-54	\$ 80,035	\$ 71,421	\$ 125,348	\$ 106,598	\$ 107,884	\$ 89,405	\$ 104,755	\$ 116,472	\$ 65,729	\$ 64,526	\$ 73,186	\$ 91,044	\$ 1,096,404	
146. Total C/I	\$ 1,636,858	\$ 2,177,910	\$ 3,975,012	\$ 4,949,495	\$ 6,498,271	\$ 5,081,589	\$ 4,539,797	\$ 3,316,238	\$ 2,067,962	\$ 1,646,963	\$ 1,589,015	\$ 1,739,669	\$ 39,218,779	
147. Total All	\$ 3,623,535	\$ 4,979,257	\$ 8,930,098	\$ 11,368,227	\$ 15,073,535	\$ 11,712,231	\$ 10,219,805	\$ 7,247,893	\$ 4,714,774	\$ 3,723,797	\$ 3,562,201	\$ 3,753,543	\$ 88,908,897	

Docket No. DG 22-045
Exhibit 39
Liberty Utilities (EnergyNorth Natural Gas) Corp.
Docket DG 22-045
Revenue Decoupling Adjustment Factor
Actual Decoupling Year Revenues

SALES AND TRANSPORT DATA

CUSTOMER COMPONENT

EnergyNorth Natural Gas Inc

2021-22 Customers (Equivalent Bills)

	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total
1. R-1	-	-	-	-	-	-	-	-	-	-	-	-	-
2. R-3	-	-	-	-	-	-	-	-	-	-	-	-	-
3. R-4	-	-	-	-	-	-	-	-	-	-	-	-	-
4. Total Resid.	-	-	-	-	-	-	-	-	-	-	-	-	-
5. G-41	-	-	-	-	-	-	-	-	-	-	-	-	-
6. G-42	-	-	-	-	-	-	-	-	-	-	-	-	-
7. G-43	-	-	-	-	-	-	-	-	-	-	-	-	-
8. G-51	-	-	-	-	-	-	-	-	-	-	-	-	-
9. G-52	-	-	-	-	-	-	-	-	-	-	-	-	-
10. G-53	-	-	-	-	-	-	-	-	-	-	-	-	-
11. G-54	-	-	-	-	-	-	-	-	-	-	-	-	-
12. Total C/I	-	-	-	-	-	-	-	-	-	-	-	-	-
13. Total All	-	-	-	-	-	-	-	-	-	-	-	-	-

2021-22 Customer Charge

	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	
14. R-1	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	
15. R-3	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	
16. R-4	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	
17. G-41	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 62.03	
18. G-42	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 186.03	
19. G-43	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 796.32	
20. G-51	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 62.08	
21. G-52	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 185.80	
22. G-53	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 821.64	
23. G-54	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 821.64	

2021-22 Customer Revenue

	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total
24. R-1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
25. R-3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
26. R-4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
27. Total Resid.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
28. G-41	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
29. G-42	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
30. G-43	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
31. G-51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
32. G-52	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
33. G-53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
34. G-54	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
35. Total C/I	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
36. Total All	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-

Docket No. DG 22-045
Exhibit 39
Liberty Utilities (EnergyNorth Natural Gas) Corp.
Docket DG 22-045
Revenue Decoupling Adjustment Factor
Actual Decoupling Year Revenues

ENERGY COMPONENT

HEADBLOCK

2021-22 Decoupling Year Weather Normalization Adjustment Volume Headblock														
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total	
37. R-1	-	-	1,307	9,813	(6,282)	7,289	8,496	4,069	-	-	-	-	24,694	
38. R-3	-	-	132,388	1,038,347	(671,695)	789,616	856,143	366,879	-	-	-	-	2,511,678	
39. R-4	-	-	10,415	80,737	(52,833)	61,771	68,852	30,085	-	-	-	-	199,027	
40. Total Resid.	-	-	144,110	1,128,897	(730,811)	858,676	933,492	401,034	-	-	-	-	2,735,398	
41. G-41	-	-	-	-	-	-	-	-	-	-	-	-	-	
42. G-42	-	-	-	-	-	-	-	-	-	-	-	-	-	
43. G-43	-	-	25,940	176,664	(123,438)	141,422	167,921	80,521	-	-	-	-	469,029	
44. G-51	-	-	-	-	-	-	-	-	-	-	-	-	-	
45. G-52	-	-	-	-	-	-	-	-	-	-	-	-	-	
46. G-53	-	-	8,045	42,634	(37,389)	37,945	42,962	14,458	-	-	-	-	108,654	
47. G-54	-	-	-	-	-	-	-	-	-	-	-	-	-	
48. Total C/I	-	-	33,985	219,298	(160,827)	179,367	210,883	94,979	-	-	-	-	577,683	
49. Total All	-	-	178,094	1,348,195	(891,638)	1,038,043	1,144,374	496,013	-	-	-	-	3,313,082	
2021-22 Headblock Charge														
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22		
50. R-1	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.4873		
51. R-3	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.6337		
52. R-4	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.6337		
53. G-41	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.5007		
54. G-42	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4558		
55. G-43	\$ 0.1198	\$ 0.1198	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.1198	\$ 0.1198	\$ 0.1198	\$ 0.1392		
56. G-51	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.3020		
57. G-52	\$ 0.1759	\$ 0.1759	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.1759	\$ 0.1759	\$ 0.1759	\$ 0.1933		
58. G-53	\$ 0.0814	\$ 0.0814	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.0814	\$ 0.0814	\$ 0.0814	\$ 0.0936		
59. G-54	\$ 0.0352	\$ 0.0352	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0352	\$ 0.0352	\$ 0.0352	\$ 0.0397		
2021-22 Decoupling Year Weather Normalization Adjustment Volume Headblock Revenue														
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total	
60. R-1	\$ -	\$ -	\$ 502	\$ 3,772	\$ (2,415)	\$ 2,802	\$ 3,266	\$ 1,564	\$ -	\$ -	\$ -	\$ -	\$ 9,491	
61. R-3	\$ -	\$ -	\$ 74,565	\$ 584,833	\$ (378,323)	\$ 444,740	\$ 482,210	\$ 206,639	\$ -	\$ -	\$ -	\$ -	\$ 1,414,665	
62. R-4	\$ -	\$ -	\$ 5,866	\$ 45,474	\$ (29,758)	\$ 34,791	\$ 38,780	\$ 16,945	\$ -	\$ -	\$ -	\$ -	\$ 112,099	
63. Total Resid.	\$ -	\$ -	\$ 80,934	\$ 634,079	\$ (410,495)	\$ 482,333	\$ 524,256	\$ 225,149	\$ -	\$ -	\$ -	\$ -	\$ 1,536,256	
64. G-41	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
65. G-42	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
66. G-43	\$ -	\$ -	\$ 6,796	\$ 46,282	\$ (32,338)	\$ 37,049	\$ 43,992	\$ 21,095	\$ -	\$ -	\$ -	\$ -	\$ 122,876	
67. G-51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
68. G-52	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
69. G-53	\$ -	\$ -	\$ 1,366	\$ 7,237	\$ (6,347)	\$ 6,441	\$ 7,293	\$ 2,454	\$ -	\$ -	\$ -	\$ -	\$ 18,444	
70. G-54	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
71. Total C/I	\$ -	\$ -	\$ 8,161	\$ 53,519	\$ (38,685)	\$ 43,490	\$ 51,284	\$ 23,549	\$ -	\$ -	\$ -	\$ -	\$ 141,319	
72. Total All	\$ -	\$ -	\$ 89,095	\$ 687,598	\$ (449,180)	\$ 525,824	\$ 575,540	\$ 248,698	\$ -	\$ -	\$ -	\$ -	\$ 1,677,575	

Docket No. DG 22-045
Exhibit 39
Liberty Utilities (EnergyNorth Natural Gas) Corp.
Docket DG 22-045
Revenue Decoupling Adjustment Factor
Actual Decoupling Year Revenues

TAILBLOCK

2021-22 Decoupling Year Weather Normalization Adjustment Volume Tailblock														
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total	
73. R-1	-	-	-	-	-	-	-	-	-	-	-	-	-	
74. R-3	-	-	-	-	-	-	-	-	-	-	-	-	-	
75. R-4	-	-	-	-	-	-	-	-	-	-	-	-	-	
76. Total Resid.	-	-	-	-	-	-	-	-	-	-	-	-	-	
77. G-41	-	-	59,464	499,451	(333,113)	390,736	413,198	169,243	-	-	-	-	1,198,980	
78. G-42	-	-	83,328	650,534	(415,731)	494,679	545,771	243,556	-	-	-	-	1,602,137	
79. G-43	-	-	-	-	-	-	-	-	-	-	-	-	-	
80. G-51	-	-	3,044	23,055	(17,882)	19,682	20,344	8,239	-	-	-	-	56,482	
81. G-52	-	-	8,069	55,604	(40,331)	44,671	49,799	21,864	-	-	-	-	139,677	
82. G-53	-	-	-	-	-	-	-	-	-	-	-	-	-	
83. G-54	-	-	-	-	-	-	-	-	-	-	-	-	-	
84. Total C/I	-	-	153,905	1,228,644	(807,056)	949,769	1,029,112	442,903	-	-	-	-	2,997,277	
85. Total All	-	-	153,905	1,228,644	(807,056)	949,769	1,029,112	442,903	-	-	-	-	2,997,277	

2021-22 Tailblock Charge														S&T Aug-22
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22			
86. R-1	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.4873		
87. R-3	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.6337		
88. R-4	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.6337		
89. G-41	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3469		
90. G-42	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.3136		
91. G-43	\$ 0.1198	\$ 0.1198	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.1198	\$ 0.1198	\$ 0.1198	\$ 0.1392		
92. G-51	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.2034		
93. G-52	\$ 0.1000	\$ 0.1000	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1000	\$ 0.1000	\$ 0.1000	\$ 0.1174		
94. G-53	\$ 0.0814	\$ 0.0814	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.0814	\$ 0.0814	\$ 0.0814	\$ 0.0936		
95. G-54	\$ 0.0352	\$ 0.0352	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0352	\$ 0.0352	\$ 0.0352	\$ 0.0393		

2021-22 Decoupling Year Weather Normalization Adjustment Volume Tailblock Revenue															S&T Total											
	S&T Sep-21		S&T Oct-21		S&T Nov-21		S&T Dec-21		S&T Jan-22		S&T Feb-22		S&T Mar-22			S&T Apr-22		S&T May-22		S&T Jun-22		S&T Jul-22		S&T Aug-22		
96. R-1	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
97. R-3	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
98. R-4	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
99. Total Resid.	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
100. G-41	\$	-	\$	-	\$	18,728	\$	157,298	\$	(104,911)	\$	123,059	\$	130,134	\$	53,302	\$	-	\$	-	\$	-	\$	-	\$	377,610
101. G-42	\$	-	\$	-	\$	23,660	\$	184,710	\$	(118,041)	\$	140,457	\$	154,964	\$	69,154	\$	-	\$	-	\$	-	\$	-	\$	454,903
102. G-43	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
103. G-51	\$	-	\$	-	\$	558	\$	4,226	\$	(3,278)	\$	3,608	\$	3,729	\$	1,510	\$	-	\$	-	\$	-	\$	-	\$	10,353
104. G-52	\$	-	\$	-	\$	1,305	\$	8,991	\$	(6,521)	\$	7,223	\$	8,052	\$	3,535	\$	-	\$	-	\$	-	\$	-	\$	22,585
105. G-53	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
106. G-54	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
107. Total C/I	\$	-	\$	-	\$	44,250	\$	355,225	\$	(232,751)	\$	274,347	\$	296,879	\$	127,502	\$	-	\$	-	\$	-	\$	-	\$	865,451
108. Total All	\$	-	\$	-	\$	44,250	\$	355,225	\$	(232,751)	\$	274,347	\$	296,879	\$	127,502	\$	-	\$	-	\$	-	\$	-	\$	865,451

Docket No. DG 22-045
Exhibit 39
Liberty Utilities (EnergyNorth Natural Gas) Corp.
Docket DG 22-045
Revenue Decoupling Adjustment Factor
Actual Decoupling Year Revenues

HEADBLOCK + TAILBLOCK

2021-22 Decoupling Year Weather Normalization Adjustment Volume Headblock + Tailblock														
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total	
109. R-1	-	-	1,307	9,813	(6,282)	7,289	8,496	4,069	-	-	-	-	24,694	
110. R-3	-	-	132,388	1,038,347	(671,695)	789,616	856,143	366,879	-	-	-	-	2,511,678	
111. R-4	-	-	10,415	80,737	(52,833)	61,771	68,852	30,085	-	-	-	-	199,027	
112. Total Resid.	-	-	144,110	1,128,897	(730,811)	858,676	933,492	401,034	-	-	-	-	2,735,398	
113. G-41	-	-	59,464	499,451	(333,113)	390,736	413,198	169,243	-	-	-	-	1,198,980	
114. G-42	-	-	83,328	650,534	(415,731)	494,679	545,771	243,556	-	-	-	-	1,602,137	
115. G-43	-	-	25,940	176,664	(123,438)	141,422	167,921	80,521	-	-	-	-	469,029	
116. G-51	-	-	3,044	23,055	(17,882)	19,682	20,344	8,239	-	-	-	-	56,482	
117. G-52	-	-	8,069	55,604	(40,331)	44,671	49,799	21,864	-	-	-	-	139,677	
118. G-53	-	-	8,045	42,634	(37,389)	37,945	42,962	14,458	-	-	-	-	108,654	
119. G-54	-	-	-	-	-	-	-	-	-	-	-	-	-	
120. Total C/I	-	-	187,890	1,447,942	(967,884)	1,129,135	1,239,995	537,882	-	-	-	-	3,574,960	
121. Total All	-	-	331,999	2,576,839	(1,698,694)	1,987,812	2,173,487	938,916	-	-	-	-	6,310,358	

2021-22 Decoupling Year Weather Normalization Adjustment Volume Headblock + Tailblock Revenue														
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total	
122. R-1	\$ -	\$ -	\$ 502	\$ 3,772	\$ (2,415)	\$ 2,802	\$ 3,266	\$ 1,564	\$ -	\$ -	\$ -	\$ -	\$ 9,491	
123. R-3	\$ -	\$ -	\$ 74,565	\$ 584,833	\$ (378,323)	\$ 444,740	\$ 482,210	\$ 206,639	\$ -	\$ -	\$ -	\$ -	\$ 1,414,665	
124. R-4	\$ -	\$ -	\$ 5,866	\$ 45,474	\$ (29,758)	\$ 34,791	\$ 38,780	\$ 16,945	\$ -	\$ -	\$ -	\$ -	\$ 112,099	
125. Total Resid.	\$ -	\$ -	\$ 80,934	\$ 634,079	\$ (410,495)	\$ 482,333	\$ 524,256	\$ 225,149	\$ -	\$ -	\$ -	\$ -	\$ 1,536,256	
126. G-41	\$ -	\$ -	\$ 18,728	\$ 157,298	\$ (104,911)	\$ 123,059	\$ 130,134	\$ 53,302	\$ -	\$ -	\$ -	\$ -	\$ 377,610	
127. G-42	\$ -	\$ -	\$ 23,660	\$ 184,710	\$ (118,041)	\$ 140,457	\$ 154,964	\$ 69,154	\$ -	\$ -	\$ -	\$ -	\$ 454,903	
128. G-43	\$ -	\$ -	\$ 6,796	\$ 46,282	\$ (32,338)	\$ 37,049	\$ 43,992	\$ 21,095	\$ -	\$ -	\$ -	\$ -	\$ 122,876	
129. G-51	\$ -	\$ -	\$ 558	\$ 4,226	\$ (3,278)	\$ 3,608	\$ 3,729	\$ 1,510	\$ -	\$ -	\$ -	\$ -	\$ 10,353	
130. G-52	\$ -	\$ -	\$ 1,305	\$ 8,991	\$ (6,521)	\$ 7,223	\$ 8,052	\$ 3,535	\$ -	\$ -	\$ -	\$ -	\$ 22,585	
131. G-53	\$ -	\$ -	\$ 1,366	\$ 7,237	\$ (6,347)	\$ 6,441	\$ 7,293	\$ 2,454	\$ -	\$ -	\$ -	\$ -	\$ 18,444	
132. G-54	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
133. Total C/I	\$ -	\$ -	\$ 52,411	\$ 408,744	\$ (271,436)	\$ 317,838	\$ 348,163	\$ 151,051	\$ -	\$ -	\$ -	\$ -	\$ 1,006,771	
134. Total All	\$ -	\$ -	\$ 133,345	\$ 1,042,823	\$ (681,931)	\$ 800,171	\$ 872,419	\$ 376,199	\$ -	\$ -	\$ -	\$ -	\$ 2,543,026	

TOTAL REVENUE

2021-22 Decoupling Year Weather Normalization Adjustment Revenue														
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total	
135. R-1	\$ -	\$ -	\$ 502	\$ 3,772	\$ (2,415)	\$ 2,802	\$ 3,266	\$ 1,564	\$ -	\$ -	\$ -	\$ -	\$ 9,491	
136. R-3	\$ -	\$ -	\$ 74,565	\$ 584,833	\$ (378,323)	\$ 444,740	\$ 482,210	\$ 206,639	\$ -	\$ -	\$ -	\$ -	\$ 1,414,665	
137. R-4	\$ -	\$ -	\$ 5,866	\$ 45,474	\$ (29,758)	\$ 34,791	\$ 38,780	\$ 16,945	\$ -	\$ -	\$ -	\$ -	\$ 112,099	
138. Total Resid.	\$ -	\$ -	\$ 80,934	\$ 634,079	\$ (410,495)	\$ 482,333	\$ 524,256	\$ 225,149	\$ -	\$ -	\$ -	\$ -	\$ 1,536,256	
139. G-41	\$ -	\$ -	\$ 18,728	\$ 157,298	\$ (104,911)	\$ 123,059	\$ 130,134	\$ 53,302	\$ -	\$ -	\$ -	\$ -	\$ 377,610	
140. G-42	\$ -	\$ -	\$ 23,660	\$ 184,710	\$ (118,041)	\$ 140,457	\$ 154,964	\$ 69,154	\$ -	\$ -	\$ -	\$ -	\$ 454,903	
141. G-43	\$ -	\$ -	\$ 6,796	\$ 46,282	\$ (32,338)	\$ 37,049	\$ 43,992	\$ 21,095	\$ -	\$ -	\$ -	\$ -	\$ 122,876	
142. G-51	\$ -	\$ -	\$ 558	\$ 4,226	\$ (3,278)	\$ 3,608	\$ 3,729	\$ 1,510	\$ -	\$ -	\$ -	\$ -	\$ 10,353	
143. G-52	\$ -	\$ -	\$ 1,305	\$ 8,991	\$ (6,521)	\$ 7,223	\$ 8,052	\$ 3,535	\$ -	\$ -	\$ -	\$ -	\$ 22,585	
144. G-53	\$ -	\$ -	\$ 1,366	\$ 7,237	\$ (6,347)	\$ 6,441	\$ 7,293	\$ 2,454	\$ -	\$ -	\$ -	\$ -	\$ 18,444	
145. G-54	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
146. Total C/I	\$ -	\$ -	\$ 52,411	\$ 408,744	\$ (271,436)	\$ 317,838	\$ 348,163	\$ 151,051	\$ -	\$ -	\$ -	\$ -	\$ 1,006,771	
147. Total All	\$ -	\$ -	\$ 133,345	\$ 1,042,823	\$ (681,931)	\$ 800,171	\$ 872,419	\$ 376,199	\$ -	\$ -	\$ -	\$ -	\$ 2,543,026	

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty

DG 22-045

Winter 2022-2023 Cost of Gas Reconciliation

New Hampshire Public Utilities Commission Record Requests – Set 1

Date Request Received: 9/1/23
Request No: RR 3

Date of Response: 9/29/23
Respondent: James Bonner

REQUEST:

Based on the answers to Request 2 above, please provide a brief narrative explaining the determination of RDAF, as proposed for DY 4.

RESPONSE:

The information contained in Response to RR 2 does not affect the determination of the RDAF as proposed for DY 4. The determination of the RDAF for DY 4 is governed by NHPUC NO. 11 – GAS, Tariff for Gas Service, Section I.19, Local Distribution Adjustment Charge and Normal Weather Adjustment, Part D, Revenue Decoupling Adjustment Factor, Paragraph 8, Calculation of Revenue Decoupling Adjustment and Reconciliation on page 38.

In pertinent part, this provision of the tariff states:

Each month the Company will record a Revenue Decoupling Adjustment in the RDA Accounts in accordance with **generally accepted accounting principles**. The Revenue Decoupling Adjustment is the difference between the Monthly Allowed Revenue and the Monthly Actual Distribution Revenue. In addition, the reconciliation amounts collected or distributed through the RDAF are also recorded in the RDA Accounts for each Customer Class Group. The RDA Accounts accrue interest on the average monthly balance using the prime lending rate. At the conclusion of each Decoupling Year, the sum of the balance in each of the RDA Accounts for each Customer Class Group shall be used to determine the RDAF for the next Billing Year. [Emphasis supplied.]

The RDAF to be applied to customers' bills in the Billing Year is the balance in the RDA Accounts at the end of the Decoupling Year for each Customer Class Group divided by the Forecasted Throughput Volume for that Customer Class Group.

Therefore, the basis for the determination of the RDAF are the accounting entries for revenue decoupling adjustment, reconciliation amount, and interest as recorded on the Company's books.

The Company's determination of the RDAF is shown in Schedule 4, Revenue Decoupling Adjustment Factor (RDAF) in its Winter 2022–2023 and Summer 2023 Cost of Gas, LDAC

filing. See Supplemental Petition to Recover RDAF Reconciliation and Gas Holder Costs (December 8, 2022), Attachment 1, Technical Statement of Craig A. Holden, pp. 6-8.

The inputs for Schedule 4, p.3 are the per-books monthly revenue decoupling adjustments (“Monthly revenue difference Inc/(Dec) revenue”, lines 4 & 14), per-books prior months revenue decoupling adjustment true-ups (“True up”, lines 5 & 15) and interest at the prime lending rate (“Interest Rate”). The per-books monthly revenue decoupling adjustments and prior months revenue decoupling adjustment true-ups are done in accordance with generally accepted accounting principles.

The calculated “Residential Revenue Decoupling Deficiency / (Excess) - Current Decoupling Period” (“Ending Balance”, line 10) and “Total Commercial Revenue Decoupling Deficiency / (Excess) - October 31, 2022” (“Ending Balance”, line 20) on Schedule 4, p. 3 are carried forward to Schedule 4, p. 1, lines 2 & 8, combined with their respective prior period reconciliation balances (lines 1 & 6) to compute the “Total Residential Revenue Decoupling Deficiency / (Excess)” and “Total Commercial Revenue Decoupling Deficiency / (Excess)” (lines 3 & 8), then divided by the forecasted sales (lines 4 & 9) to produce the “Residential Revenue Decoupling Adjustment Factor” and “Commercial Revenue Decoupling Adjustment Factor” (lines 5 & 10).

Thus, the Company’s determination of the RDAF complies with the foregoing tariff provision.

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty

DG 22-045
Winter 2022-2023 Cost of Gas Reconciliation

New Hampshire Public Utilities Commission Record Requests – Set 1

Date Request Received: 9/1/23
Request No: RR 4

Date of Response: 9/29/23
Respondent: James Bonner

REQUEST:

Please confirm, in calculating the allowed revenue, whether any adjustment for uncollectible revenue or bad debt is accounted for.

RESPONSE:

There is no adjustment for uncollectible revenue or bad debt in the calculation of allowed revenue.

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty

DG 22-045
Winter 2022-2023 Cost of Gas Reconciliation

New Hampshire Public Utilities Commission Record Requests – Set 1

Date Request Received: 9/1/23
Request No: RR 5

Date of Response: 9/29/23
Respondent: James Bonner

REQUEST:

In calculating the actual monthly revenues:

- a. Does the Company rely only on bills that are already paid for, or does it include issued bills that have not been paid for yet?
- b. Does the Company adjust for uncollectible revenue or bad debt in its actual revenue calculations? If so, please demonstrate using the schedules filed to confirm that.

RESPONSE:

- a. The Company records all revenue when earned; thus, all issued bills are included regardless of payment status.
- b. The Company does not adjust for uncollectible revenue or bad debt in its actual revenue calculations.

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty

DG 22-045

Winter 2022-2023 Cost of Gas Reconciliation

New Hampshire Public Utilities Commission Record Requests – Set 1

Date Request Received: 9/1/23
Request No: RR 6

Date of Response: 9/29/23
Respondent: James Bonner

REQUEST:

Please describe the methodology used to calculate the RDAF for DY 1 and DY 2. Please apply that methodology to determine the RDAF for DY 4. Provide the analysis in live Excel format, as necessary.

RESPONSE:

Appended to this Response is Attachment 22-045 RR 6 in PDF and Excel formats. The following description will refer to this attachment.

The methodology used to calculate the RDAF for DY 1 and DY 2 is based on a month-by-month price-out of the Allowed Revenues for the approved Revenue Per Customer rates by rate class compared to a month-by-month price-out of the Actual Revenues for the approved Base Distribution rates by rate class using calculated actual weather-normalized billing units (equivalent bills, head block consumption, and tail block consumption). The calculated actual weather-normalized billing units are computed on a rate class level using the same methodology used in the Company's rate cases. Below is a description of each step of the process. All calculations are done by month by rate class:

1. As shown in Attachment 22-045 RR 6, p. 4, the 2021-22 Customers (Equivalent Bills) (lines 1-3, 5-11) are multiplied by the 2021-22 Allowed Revenue Per Bill (lines 14-16, lines 18-24) to produce the 2021-22 Allowed Base Revenue (lines 26-28, 30-37). The 2021-22 Allowed Revenues Per Bill are the Revenue Per Customer rates in effect for each month in DY 4.
2. Next, as shown in Attachment 22-045 RR 6, pp. 5-8, the same 2021-22 Customers (Equivalent Bills) (lines 1-3, 5-11) are multiplied by the 2021-22 Customer Charge (lines 14-23) to produce 2021-22 Customer Revenue (lines 24-26, 28-34).

The 2021-22 Decoupling Year Weather Normalized Volume Headblock (lines 37-39, 41-47) is multiplied by the 2021-22 Headblock Charge (lines 50-59) to produce the 2021-22 Decoupling Year Weather Normalized Volume Headblock Revenue (lines 60-62, 64-70). The 2021-22 Decoupling Year Weather Normalized Volume Tailblock (lines 73-75, 77-

83) are multiplied by the 2021-22 Tailblock Charge (lines 86-95) to produce the 2021-22 Decoupling Year Weather Normalized Volume Tailblock Revenue (lines 96-98, 100-106).

The 2021-22 Customer Revenue plus the 2021-22 Decoupling Year Weather Normalized Volume Headblock Revenue plus the 2021-22 Decoupling Year Weather Normalized Volume Tailblock Revenue equals the 2021-22 Decoupling Year Weather Normalized Base Revenue (lines 135-137, 139-145).

The 2021-22 Decoupling Year Weather Normalized Base Revenues are the 2021-22 Actual Base Revenues. The Base Distribution rates (Customer Charge, Headblock Volumetric Charge, and Tailblock Volumetric Charge) are from the Rate Schedules in effect for each month in DY 4.

3. Next, as shown in Attachment 22-045 RR 6, pp. 9-10, the 2021-22 Allowed Base Revenue (lines 1-13) is carried forward from p.4 and the 2021-22 Decoupling Year Weather Normalized Base Revenues (lines 14-26) are carried forward from p. 5.

The 2021-22 Allowed Base Revenue minus the 2021-22 Decoupling Year Weather Normalized Base Revenues equals 2021-22 Decoupling Year Revenue Difference (lines 27-38). The 2021-22 Decoupling Year Revenue Difference is the Revenue Decoupling Adjustment.

4. Attachment 22-045 RR 6, pp. 1-3, is a copy of the Revised RDAF Schedule 4, pp. 1-3, filed with the Commission on December 8, 2022, updated to reflect the DY 1 and DY 2 methodology described above. Thus, the next step is to carry the monthly 2021-22 Decoupling Year Revenue Differences (lines 30 & 38) forward from p.10 and enter them on p. 3, line 4 for Residential and p. 3, line 10 for Commercial customers.

The True-Up amount (p. 3, lines 5 & 15) is zeroed out. True-up's are unnecessary with the DY 1 and DY 2 methodology as their effect is already reflected in the equivalent bills used in the calculation of the Allowed Base Revenue in Step 1 above.

These are the only two changes needed to update RDAF Schedule 4, p. 3. The remaining calculations on RDAF Schedule 4, p. 3 update automatically. RDAF Schedule 4, p. 2 is unchanged, and RDAF Schedule 4, p. 1 updates automatically to reflect the RDAF Schedule 4, p. 3 changes.

The net differences, excluding interest, between the two methodologies are shown in Attachment 22-045 RR 6, p.10, lines 49-51. Overall, the DY 1 and DY 2 methodology compared the currently effective DG 20-105 methodology results in a \$306,057 reduction in the net RDAF Decoupling Deficiency.

Schedule 4
RDAF - DY1/2 Method
Page 1 of 3

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
November 2022 – October 2023 LDAC
Revenue Decoupling Adjustment Factor (RDAF)

<u>Residential</u>		
1	Residential Projected October 31, 2022 Reconciliation Balance of Prior Recoveries / (Refunds)	\$307,157 Sch 4, Pg 2 Col. I Line 16 + Col. M Line 16
2	Residential Revenue Decoupling Deficiency / (Excess) - Current Decoupling Period	<u>\$1,659,530</u> Sch 4, Pg 3 Line 10
3	Total Residential Revenue Decoupling Deficiency / (Excess) - October 31, 2022	\$1,966,687 Line 1 + Line 2
4	Estimated Residential November 2022 - October 2023 Sales (therms)	67,543,787 Company Forecast
5	Residential Revenue Decoupling Adjustment Factor rate per therm November 2022 - October 2023	\$0.0291 Line 3 / Line 4
<u>Commercial</u>		
6	Commercial Projected October 31, 2022 Reconciliation Balance of Prior Recoveries / (Refunds)	\$420,513 Sch 4, Pg 2 Col. I Line 41 + Col. M Line 41
7	Commercial Revenue Decoupling Deficiency / (Excess) - Current Decoupling Period	<u>\$814,326</u> Sch 4, Pg 3 Line 20
8	Total Commercial Revenue Decoupling Deficiency / (Excess) - October 31, 2022	\$1,234,838 Line 6 + Line 7
9	Estimated Commercial November 2022 - October 2023 Sales (therms)	118,794,774 Company Forecast
10	Commercial Revenue Decoupling Adjustment Factor rate per therm November 2022 - October 2023	\$0.0104 Line 8 / Line 9
11	Total Revenue Decoupling Deficiency / (Excess) - October 31, 2022	\$3,201,526 Line 3 + Line 8

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
Revenue Decoupling Reconciliation
Reconciliation of Previous Period November 2021 – October 2022

Residential								
Month	Beginning Balance	Collections	(Over)/Under Ending Balance	Balance Subject to Interest	Interest Rate	Days per Month	Interest	Cumulative Interest
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
DY 20/21 Deficiency/(Surplus)	\$1,431,746							
Nov-21	\$1,039,034	\$87,443	\$1,126,477	\$1,082,756	3.25%	30	\$2,892	\$2,892
Dec-21	\$1,129,369	(\$102,982)	\$1,026,387	\$1,077,878	3.25%	31	\$2,975	\$5,868
Jan-22	\$1,029,362	(\$146,295)	\$883,068	\$956,215	3.25%	31	\$2,639	\$8,507
Feb-22	\$885,707	(\$179,954)	\$705,754	\$795,730	3.25%	28	\$1,984	\$10,491
Mar-22	\$707,737	(\$149,368)	\$558,369	\$633,053	3.25%	31	\$1,747	\$12,238
Apr-22	\$560,117	(\$103,150)	\$456,966	\$508,542	3.50%	30	\$1,463	\$13,701
May-22	\$458,429	(\$60,488)	\$397,942	\$428,186	3.50%	31	\$1,273	\$14,974
Jun-22	\$399,215	(\$27,256)	\$371,959	\$385,587	4.00%	30	\$1,268	\$16,242
Jul-22	\$373,226	(\$17,818)	\$355,408	\$364,317	4.75%	31	\$1,470	\$17,711
Aug-22	\$356,878	(\$16,434)	\$340,444	\$348,661	5.50%	31	\$1,629	\$19,340
Sep-22	\$342,072	(\$17,136)	\$324,936	\$333,504	5.50%	30	\$1,508	\$20,848
Oct-22	\$326,443	(\$20,763)	\$305,681	\$316,062	5.50%	31	\$1,476	\$22,324
Total		(\$754,201)					\$22,324	
Projected Cumulative Collection		(\$754,201)						
Total Approved Collection		\$1,039,034						
(Over)/Under Collection, excluding interest		\$284,833						
Cumulative Interest		\$22,324						
Total (Over)/Under Collection, including interest		\$307,157						

Commercial								
Month	Beginning Balance	Collections	(Over)/Under Ending Balance	Balance Subject to Interest	Interest Rate	Days per Month	Interest	Cumulative Interest
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
DY 20/21 Deficiency/(Surplus)	\$943,031							
Nov-21	\$677,519	\$98,009	\$775,527	\$726,523	3.25%	30	\$1,941	\$1,941
Dec-21	\$777,468	(\$42,314)	\$735,154	\$756,311	3.25%	31	\$2,088	\$4,028
Jan-22	\$737,241	(\$49,658)	\$687,583	\$712,412	3.25%	31	\$1,966	\$5,995
Feb-22	\$689,550	(\$66,175)	\$623,375	\$656,462	3.25%	28	\$1,637	\$7,631
Mar-22	\$625,012	(\$60,403)	\$564,608	\$594,810	3.25%	31	\$1,642	\$9,273
Apr-22	\$566,250	(\$43,469)	\$522,781	\$544,516	3.50%	30	\$1,566	\$10,840
May-22	\$524,347	(\$30,800)	\$493,547	\$508,947	3.50%	31	\$1,513	\$12,353
Jun-22	\$495,060	(\$20,842)	\$474,218	\$484,639	4.00%	30	\$1,593	\$13,946
Jul-22	\$475,812	(\$14,440)	\$461,372	\$468,592	4.75%	31	\$1,890	\$15,836
Aug-22	\$463,262	(\$14,154)	\$449,108	\$456,185	5.50%	31	\$2,131	\$17,967
Sep-22	\$451,239	(\$16,562)	\$434,677	\$442,958	5.50%	30	\$2,002	\$19,970
Oct-22	\$436,679	(\$18,164)	\$418,515	\$427,597	5.50%	31	\$1,997	\$21,967
Total		(\$278,973)					\$21,967	
Projected Cumulative Collection		(\$278,973)						
Total Approved Collection		\$677,519						
(Over)/Under Collection, excluding interest		\$398,545						
Cumulative Interest		\$21,967						
Total (Over)/Under Collection, including interest		\$420,513						

References:

- (a) Line 4 (Res) and Line 29 (Com): DG 21-130, revised with actuals through August 2021
- (b) Company records
- (c) Column (a) + Column (b)
- (d) [Column (a) + Column (c)] ÷ 2
- (e) Prime Rate effective first of each month
- (f) Days per month
- (g) [Column (d) x ((Column (e) / 365) * Column (f))]
- (h) Column (g) + Prior Month Column (h)
- * Projected

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
September 2021 through August 2022
Revenue Decoupling Activity by Sector

RESIDENTIAL		(Actual)	(Actual)	(Actual)	(Actual)	(Actual)	(Actual)	(Actual)	(Actual)	(Actual)	(Actual)	(Actual)	(Actual)
1	FOR THE MONTH OF:	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22
2	DAYS IN MONTH	30	31	30	31	31	28	31	30	31	30	31	31
3	Over Under Beginning Balance	\$ -	\$ 122,155	\$ 481,854	\$ 568,263	\$ 658,786	\$ 827,015	\$ 947,322	\$ 1,170,398	\$ 1,236,189	\$ 1,535,122	\$ 1,572,881	\$ 1,591,468
4	Monthly revenue difference Inc/(Dec) revenue	\$ 121,992	\$ 358,867	\$ 85,009	\$ 88,831	\$ 166,182	\$ 118,098	\$ 220,157	\$ 62,334	\$ 294,820	\$ 32,659	\$ 12,217	\$ 60,487
5	True up	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6	Ending Balance Pre-Interest	\$ 121,992	\$ 481,022	\$ 566,863	\$ 657,094	\$ 824,967	\$ 945,113	\$ 1,167,480	\$ 1,232,733	\$ 1,531,009	\$ 1,567,781	\$ 1,585,098	\$ 1,651,955
7	Month's Average Balance	\$ 60,996	\$ 301,588	\$ 524,358	\$ 612,679	\$ 741,876	\$ 886,064	\$ 1,057,401	\$ 1,201,565	\$ 1,383,599	\$ 1,551,451	\$ 1,578,990	\$ 1,621,711
8	Interest Rate	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.50%	3.50%	4.00%	4.75%	5.50%
9	Interest Applied	\$ 163	\$ 832	\$ 1,401	\$ 1,691	\$ 2,048	\$ 2,209	\$ 2,919	\$ 3,457	\$ 4,113	\$ 5,101	\$ 6,370	\$ 7,575
10	Ending Balance	\$ 122,155	\$ 481,854	\$ 568,263	\$ 658,786	\$ 827,015	\$ 947,322	\$ 1,170,398	\$ 1,236,189	\$ 1,535,122	\$ 1,572,881	\$ 1,591,468	\$ 1,659,530
COMMERCIAL & INDUSTRIAL		(Actual)	(Actual)	(Actual)	(Actual)	(Actual)	(Actual)	(Actual)	(Actual)	(Actual)	(Actual)	(Actual)	(Actual)
11	FOR THE MONTH OF:	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22
12	DAYS IN MONTH	30	31	30	31	31	28	31	30	31	30	31	31
13	Over Under Beginning Balance	\$ -	\$ 71,227	\$ 280,141	\$ 320,790	\$ 386,717	\$ 390,083	\$ 409,463	\$ 496,109	\$ 512,495	\$ 713,746	\$ 727,228	\$ 757,114
14	Monthly revenue difference Inc/(Dec) revenue	\$ 71,132	\$ 208,429	\$ 39,848	\$ 64,952	\$ 2,296	\$ 18,384	\$ 85,398	\$ 14,937	\$ 199,431	\$ 11,118	\$ 26,898	\$ 53,550
15	True up	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	Ending Balance Pre-Interest	\$ 71,132	\$ 279,657	\$ 319,989	\$ 385,742	\$ 389,013	\$ 408,468	\$ 494,861	\$ 511,047	\$ 711,926	\$ 724,863	\$ 754,126	\$ 810,664
17	Month's Average Balance	\$ 35,566	\$ 175,442	\$ 300,065	\$ 353,266	\$ 387,865	\$ 399,276	\$ 452,162	\$ 503,578	\$ 612,211	\$ 719,304	\$ 740,677	\$ 783,889
18	Interest Rate	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.50%	3.50%	4.00%	4.75%	5.50%
19	Interest Applied	\$ 95	\$ 484	\$ 802	\$ 975	\$ 1,071	\$ 995	\$ 1,248	\$ 1,449	\$ 1,820	\$ 2,365	\$ 2,988	\$ 3,662
20	Ending Balance	\$ 71,227	\$ 280,141	\$ 320,790	\$ 386,717	\$ 390,083	\$ 409,463	\$ 496,109	\$ 512,495	\$ 713,746	\$ 727,228	\$ 757,114	\$ 814,326
21	Total Ending Balance	\$ 193,382.11	\$ 761,995.14	\$ 889,053.48	\$ 1,045,502.55	\$ 1,217,098.36	\$ 1,356,785.73	\$ 1,666,507.50	\$ 1,748,684.43	\$ 2,248,867.53	\$ 2,300,109.30	\$ 2,348,581.82	\$ 2,473,856.06

REVENUE

EnergyNorth Natural Gas Inc

2021-22 Customers (Equivalent Bills)

	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total
1. R-1	3,521	3,638	3,520	3,637	3,625	3,264	3,603	3,465	3,574	3,417	3,558	3,546	42,368
2. R-3	75,063	77,311	74,797	77,579	77,687	70,250	77,785	75,173	77,494	73,808	83,583	83,453	923,983
3. R-4	5,415	6,023	6,225	6,423	6,225	5,801	6,419	6,224	6,430	6,094	-	-	61,491
4. Total Resid.	83,999	86,972	84,541	87,640	87,749	79,316	87,806	84,862	87,498	83,319	87,141	86,999	1,027,841
5. G-41	9,240	9,699	9,613	10,044	10,090	9,133	10,113	9,730	9,902	9,238	9,640	9,595	116,037
6. G-42	1,442	1,497	1,456	1,511	1,516	1,372	1,520	1,471	1,511	1,431	1,507	1,504	17,737
7. G-43	61	65	63	66	66	60	66	64	65	62	66	66	771
8. G-51	1,287	1,331	1,288	1,329	1,328	1,201	1,331	1,289	1,329	1,265	1,329	1,325	15,632
9. G-52	406	419	405	420	421	381	421	406	421	401	423	422	4,947
10. G-53	34	35	34	35	34	31	33	32	32	30	35	35	400
11. G-54	27	28	27	27	27	24	27	27	26	24	29	29	321
12. Total C/I	12,498	13,074	12,886	13,431	13,482	12,202	13,512	13,019	13,286	12,451	13,028	12,975	155,845
13. Total All	96,497	100,046	97,427	101,071	101,231	91,518	101,318	97,881	100,783	95,770	100,169	99,974	1,183,686

2021-22 Allowed Revenue Per Bill

	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total
14. R-1	\$ 19,435	\$ 20,546	\$ 22,982	\$ 25,299	\$ 26,014	\$ 25,540	\$ 24,307	\$ 22,609	\$ 20,956	\$ 19,755	\$ 18,931	\$ 19,941	\$ 22,190
15. R-3	\$ 25,352	\$ 37,025	\$ 62,207	\$ 83,921	\$ 97,157	\$ 93,255	\$ 74,713	\$ 50,567	\$ 34,034	\$ 25,472	\$ 22,948	\$ 24,009	\$ 52,035
16. R-4	\$ 25,352	\$ 37,025	\$ 62,207	\$ 83,921	\$ 97,157	\$ 93,255	\$ 74,713	\$ 50,567	\$ 34,034	\$ 25,472	\$ 22,948	\$ 24,009	\$ 58,892
17. Total Resid.	\$ 25,104	\$ 36,336	\$ 60,574	\$ 81,488	\$ 94,217	\$ 90,468	\$ 72,645	\$ 49,425	\$ 33,500	\$ 25,238	\$ 22,784	\$ 23,844	\$ 51,215
18. G-41	\$ 70,916	\$ 94,488	\$ 154,776	\$ 204,268	\$ 235,956	\$ 226,979	\$ 184,606	\$ 128,146	\$ 88,800	\$ 70,623	\$ 66,093	\$ 72,139	\$ 133,922
19. G-42	\$ 360,170	\$ 572,697	\$ 1,034,777	\$ 1,394,253	\$ 1,578,472	\$ 1,524,667	\$ 1,241,555	\$ 855,091	\$ 523,642	\$ 346,741	\$ 294,872	\$ 325,902	\$ 836,732
20. G-43	\$ 1,462,191	\$ 2,016,955	\$ 5,871,987	\$ 7,656,083	\$ 8,928,306	\$ 8,426,278	\$ 7,012,866	\$ 4,981,917	\$ 1,969,310	\$ 1,450,046	\$ 1,304,759	\$ 1,521,300	\$ 4,378,909
21. G-51	\$ 98,750	\$ 101,809	\$ 115,084	\$ 126,203	\$ 133,825	\$ 130,979	\$ 121,907	\$ 111,427	\$ 104,493	\$ 98,646	\$ 94,516	\$ 106,232	\$ 111,918
22. G-52	\$ 384,365	\$ 407,882	\$ 611,436	\$ 669,830	\$ 731,471	\$ 706,568	\$ 650,770	\$ 576,938	\$ 402,135	\$ 377,110	\$ 367,473	\$ 412,875	\$ 523,983
23. G-53	\$ 2,356,654	\$ 2,625,619	\$ 5,366,438	\$ 6,077,525	\$ 6,797,367	\$ 6,197,111	\$ 5,755,166	\$ 4,877,206	\$ 2,508,532	\$ 2,307,268	\$ 2,328,947	\$ 2,756,543	\$ 4,157,295
24. G-54	\$ 2,982,545	\$ 2,965,834	\$ 4,662,611	\$ 3,822,712	\$ 3,719,928	\$ 3,726,283	\$ 3,387,343	\$ 3,833,707	\$ 2,775,284	\$ 2,874,002	\$ 2,966,625	\$ 3,412,621	\$ 3,426,714
25. Total C/I	\$ 136,662	\$ 182,528	\$ 315,642	\$ 403,773	\$ 458,472	\$ 440,581	\$ 365,413	\$ 265,853	\$ 170,055	\$ 132,727	\$ 124,031	\$ 138,201	\$ 262,195

2021-22 Allowed Base Revenue

	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total
26. R-1	\$ 68,426	\$ 74,749	\$ 80,886	\$ 92,013	\$ 94,304	\$ 83,371	\$ 87,570	\$ 78,339	\$ 74,897	\$ 67,511	\$ 67,358	\$ 70,706	\$ 940,130
27. R-3	\$ 1,902,965	\$ 2,862,452	\$ 4,652,930	\$ 6,510,566	\$ 7,547,815	\$ 6,551,160	\$ 5,811,563	\$ 3,801,240	\$ 2,637,440	\$ 1,880,046	\$ 1,918,044	\$ 2,003,655	\$ 48,079,877
28. R-4	\$ 137,277	\$ 223,014	\$ 387,213	\$ 539,064	\$ 625,392	\$ 541,015	\$ 479,565	\$ 314,741	\$ 218,823	\$ 155,221	\$ -	\$ -	\$ 3,621,326
29. Total Resid.	\$ 2,108,668	\$ 3,160,214	\$ 5,121,029	\$ 7,141,643	\$ 8,267,511	\$ 7,175,546	\$ 6,378,698	\$ 4,194,321	\$ 2,931,161	\$ 2,102,778	\$ 1,985,403	\$ 2,074,361	\$ 52,641,333
30. G-41	\$ 655,293	\$ 916,400	\$ 1,487,795	\$ 2,051,709	\$ 2,380,845	\$ 2,073,096	\$ 1,866,845	\$ 1,246,852	\$ 879,261	\$ 652,406	\$ 637,160	\$ 692,180	\$ 15,539,842
31. G-42	\$ 519,347	\$ 857,289	\$ 1,506,566	\$ 2,106,858	\$ 2,392,175	\$ 2,091,878	\$ 1,887,448	\$ 1,257,758	\$ 791,148	\$ 496,101	\$ 444,300	\$ 490,131	\$ 14,840,999
32. G-43	\$ 89,535	\$ 131,304	\$ 370,131	\$ 502,494	\$ 590,459	\$ 503,329	\$ 463,784	\$ 318,843	\$ 128,596	\$ 90,338	\$ 86,346	\$ 100,617	\$ 3,375,777
33. G-51	\$ 127,134	\$ 135,547	\$ 148,242	\$ 167,724	\$ 177,733	\$ 157,327	\$ 162,286	\$ 143,585	\$ 138,861	\$ 124,814	\$ 125,567	\$ 140,706	\$ 1,749,527
34. G-52	\$ 156,026	\$ 170,807	\$ 247,896	\$ 281,218	\$ 308,168	\$ 269,039	\$ 274,127	\$ 234,486	\$ 169,383	\$ 151,292	\$ 155,312	\$ 174,148	\$ 2,591,903
35. G-53	\$ 80,126	\$ 92,246	\$ 182,459	\$ 210,484	\$ 231,790	\$ 190,870	\$ 190,304	\$ 156,071	\$ 80,356	\$ 68,680	\$ 81,590	\$ 97,153	\$ 1,662,129
36. G-54	\$ 80,529	\$ 82,746	\$ 124,181	\$ 102,703	\$ 100,066	\$ 90,516	\$ 92,617	\$ 103,510	\$ 71,695	\$ 68,976	\$ 85,636	\$ 98,284	\$ 1,101,458
37. Total C/I	\$ 1,707,991	\$ 2,386,339	\$ 4,067,271	\$ 5,423,191	\$ 6,181,235	\$ 5,376,056	\$ 4,937,410	\$ 3,461,105	\$ 2,259,300	\$ 1,652,606	\$ 1,615,913	\$ 1,793,219	\$ 40,861,636
38. Total All	\$ 3,816,659	\$ 5,546,554	\$ 9,188,300	\$ 12,564,833	\$ 14,448,747	\$ 12,551,602	\$ 11,316,108	\$ 7,655,426	\$ 5,190,461	\$ 3,755,384	\$ 3,601,315	\$ 3,867,580	\$ 93,502,969

SALES AND TRANSPORT DATA

CUSTOMER COMPONENT

EnergyNorth Natural Gas Inc

2021-22 Customers (Equivalent Bills)

	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total
1. R-1	3,521	3,638	3,520	3,637	3,625	3,264	3,603	3,465	3,574	3,417	3,558	3,546	42,368
2. R-3	75,063	77,311	74,797	77,579	77,687	70,250	77,785	75,173	77,494	73,808	83,583	83,453	923,983
3. R-4	5,415	6,023	6,225	6,423	6,437	5,801	6,419	6,224	6,430	6,094	-	-	61,491
4. Total Resid.	83,999	86,972	84,541	87,640	87,749	79,316	87,806	84,862	87,498	83,319	87,141	86,999	1,027,841
5. G-41	9,240	9,699	9,613	10,044	10,090	9,133	10,113	9,730	9,902	9,238	9,640	9,595	116,037
6. G-42	1,442	1,497	1,456	1,511	1,516	1,372	1,520	1,471	1,511	1,431	1,507	1,504	17,737
7. G-43	61	65	63	66	66	60	66	64	65	62	66	66	771
8. G-51	1,287	1,331	1,288	1,329	1,328	1,201	1,331	1,289	1,329	1,265	1,329	1,325	15,632
9. G-52	406	419	405	420	421	381	421	406	421	401	423	422	4,947
10. G-53	34	35	34	35	34	31	33	32	32	30	35	35	400
11. G-54	27	28	27	27	27	24	27	27	26	24	29	29	321
12. Total C/I	12,498	13,074	12,886	13,431	13,482	12,202	13,512	13,019	13,286	12,451	13,028	12,975	155,845
13. Total All	96,497	100,046	97,427	101,071	101,231	91,518	101,318	97,881	100,783	95,770	100,169	99,974	1,183,686

2021-22 Customer Charge

	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22
14. R-1	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39
15. R-3	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39
16. R-4	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39
17. G-41	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 62.03
18. G-42	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 186.03
19. G-43	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 734.69	\$ 796.32
20. G-51	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 57.06	\$ 62.08
21. G-52	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 171.19	\$ 185.80
22. G-53	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 821.64
23. G-54	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 756.10	\$ 821.64

2021-22 Customer Revenue

	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total
24. R-1	\$ 54,194	\$ 55,998	\$ 54,174	\$ 55,983	\$ 55,799	\$ 50,246	\$ 55,453	\$ 53,335	\$ 55,012	\$ 52,603	\$ 54,767	\$ 54,569	\$ 652,132
25. R-3	\$ 1,155,399	\$ 1,189,993	\$ 1,151,305	\$ 1,194,131	\$ 1,195,789	\$ 1,081,317	\$ 1,197,292	\$ 1,157,087	\$ 1,192,818	\$ 1,136,073	\$ 1,286,538	\$ 1,284,340	\$ 14,222,084
26. R-4	\$ 83,349	\$ 92,713	\$ 95,811	\$ 98,872	\$ 99,080	\$ 89,298	\$ 98,799	\$ 95,806	\$ 98,966	\$ 93,797	\$ -	\$ -	\$ 946,491
27. Total Resid.	\$ 1,292,942	\$ 1,338,704	\$ 1,301,290	\$ 1,348,986	\$ 1,350,668	\$ 1,220,862	\$ 1,351,545	\$ 1,306,228	\$ 1,346,796	\$ 1,282,473	\$ 1,341,305	\$ 1,338,909	\$ 15,820,707
28. G-41	\$ 527,266	\$ 553,413	\$ 548,503	\$ 573,132	\$ 575,758	\$ 521,162	\$ 577,035	\$ 555,201	\$ 564,992	\$ 527,122	\$ 550,086	\$ 595,179	\$ 6,668,850
29. G-42	\$ 246,852	\$ 256,264	\$ 249,246	\$ 258,690	\$ 259,443	\$ 234,881	\$ 260,252	\$ 251,809	\$ 258,648	\$ 244,935	\$ 257,946	\$ 279,775	\$ 3,058,741
30. G-43	\$ 44,988	\$ 47,829	\$ 46,310	\$ 48,220	\$ 48,588	\$ 43,886	\$ 48,588	\$ 47,020	\$ 47,975	\$ 45,771	\$ 48,621	\$ 52,668	\$ 570,463
31. G-51	\$ 73,463	\$ 75,970	\$ 73,502	\$ 75,834	\$ 75,783	\$ 68,540	\$ 75,962	\$ 73,529	\$ 75,828	\$ 72,198	\$ 75,807	\$ 82,226	\$ 898,640
32. G-52	\$ 69,493	\$ 71,690	\$ 69,407	\$ 71,873	\$ 72,124	\$ 65,185	\$ 72,113	\$ 69,578	\$ 72,108	\$ 68,681	\$ 72,354	\$ 78,369	\$ 852,974
33. G-53	\$ 25,707	\$ 26,564	\$ 25,707	\$ 26,186	\$ 25,783	\$ 23,288	\$ 25,002	\$ 24,195	\$ 24,220	\$ 22,507	\$ 26,489	\$ 28,958	\$ 304,608
34. G-54	\$ 20,415	\$ 21,095	\$ 20,138	\$ 20,314	\$ 20,339	\$ 18,367	\$ 20,673	\$ 20,415	\$ 19,533	\$ 18,146	\$ 21,826	\$ 23,663	\$ 244,924
35. Total C/I	\$ 1,008,184	\$ 1,052,825	\$ 1,032,812	\$ 1,074,249	\$ 1,077,817	\$ 975,308	\$ 1,079,625	\$ 1,041,747	\$ 1,063,305	\$ 999,360	\$ 1,053,129	\$ 1,140,839	\$ 12,599,200
36. Total All	\$ 2,301,125	\$ 2,391,529	\$ 2,334,102	\$ 2,423,236	\$ 2,428,486	\$ 2,196,169	\$ 2,431,169	\$ 2,347,974	\$ 2,410,101	\$ 2,281,833	\$ 2,394,434	\$ 2,479,748	\$ 28,419,906

ENERGY COMPONENT

HEADBLOCK

2021-22 Decoupling Year Weather Normalized Volume Headblock														S&T Total
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22		
37. R-1	34,728	48,357	83,240	112,372	127,183	109,748	100,922	71,998	47,897	39,995	32,662	30,748	839,850	
38. R-3	1,124,452	2,379,896	6,088,314	9,318,134	11,024,932	9,535,650	7,831,546	4,588,683	2,081,995	1,264,145	1,099,588	1,041,473	57,378,808	
39. R-4	83,546	183,965	485,735	732,078	873,785	752,064	634,198	379,197	174,851	106,993	-	-	4,406,411	
40. Total Resid.	1,242,725	2,612,218	6,657,289	10,162,584	12,025,900	10,397,462	8,566,666	5,039,878	2,304,743	1,411,134	1,132,250	1,072,221	62,625,070	
41. G-41	67,717	197,292	685,564	844,454	970,271	792,943	813,578	587,216	191,271	74,673	60,937	59,423	5,345,338	
42. G-42	306,006	580,520	1,305,770	1,441,797	1,577,404	1,307,615	1,433,522	1,173,558	558,263	328,321	263,959	262,616	10,539,350	
43. G-43	370,277	611,606	1,316,295	1,742,079	2,169,297	1,841,276	1,665,740	1,109,206	569,004	375,057	297,220	319,744	12,386,801	
44. G-51	75,856	79,361	88,262	88,744	97,802	81,320	89,202	83,469	80,978	84,511	80,103	80,021	1,009,629	
45. G-52	311,162	333,908	384,136	387,701	424,777	351,025	384,016	353,658	331,786	342,479	325,979	326,301	4,256,926	
46. G-53	739,589	776,203	982,729	1,026,569	1,226,035	1,017,685	989,651	769,950	639,550	695,305	607,422	638,861	10,109,550	
47. G-54	1,695,103	1,430,843	1,624,520	1,332,276	1,339,082	1,086,647	1,286,278	1,470,597	1,302,872	1,307,503	1,460,239	1,697,243	17,033,205	
48. Total C/I	3,565,711	4,009,734	6,387,276	6,863,619	7,804,668	6,478,511	6,661,986	5,547,654	3,673,724	3,207,850	3,095,858	3,384,209	60,680,800	
49. Total All	4,808,437	6,621,952	13,044,565	17,026,203	19,830,568	16,875,973	15,228,652	10,587,532	5,978,467	4,618,983	4,228,108	4,456,430	123,305,870	

2021-22 Headblock Charge													
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	
50. R-1	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.4873	
51. R-3	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.6337	
52. R-4	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.6337	
53. G-41	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.4688	\$ 0.5007	
54. G-42	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4261	\$ 0.4558	
55. G-43	\$ 0.1198	\$ 0.1198	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.1198	\$ 0.1198	\$ 0.1198	\$ 0.1392	
56. G-51	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.2819	\$ 0.3020	
57. G-52	\$ 0.1759	\$ 0.1759	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.2428	\$ 0.1759	\$ 0.1759	\$ 0.1759	\$ 0.1933	
58. G-53	\$ 0.0814	\$ 0.0814	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.0814	\$ 0.0814	\$ 0.0814	\$ 0.0936	
59. G-54	\$ 0.0352	\$ 0.0352	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0352	\$ 0.0352	\$ 0.0352	\$ 0.0397	

2021-22 Decoupling Year Weather Normalized Volume Headblock Revenue													
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total
60. R-1	\$ 13,348	\$ 18,587	\$ 31,994	\$ 43,192	\$ 48,885	\$ 42,183	\$ 38,791	\$ 27,674	\$ 18,410	\$ 15,373	\$ 12,554	\$ 14,984	\$ 325,974
61. R-3	\$ 633,331	\$ 1,340,442	\$ 3,429,153	\$ 5,248,302	\$ 6,209,630	\$ 5,370,814	\$ 4,411,003	\$ 2,584,508	\$ 1,172,653	\$ 712,011	\$ 619,327	\$ 659,982	\$ 32,391,155
62. R-4	\$ 47,056	\$ 103,615	\$ 273,583	\$ 412,332	\$ 492,146	\$ 423,589	\$ 357,202	\$ 213,577	\$ 98,482	\$ 60,262	\$ -	\$ -	\$ 2,481,846
63. Total Resid.	\$ 693,735	\$ 1,462,644	\$ 3,734,731	\$ 5,703,826	\$ 6,750,661	\$ 5,836,587	\$ 4,806,996	\$ 2,825,759	\$ 1,289,545	\$ 787,646	\$ 631,881	\$ 674,965	\$ 35,198,975
64. G-41	\$ 31,745	\$ 92,487	\$ 321,380	\$ 395,864	\$ 454,845	\$ 371,717	\$ 381,390	\$ 275,276	\$ 89,665	\$ 35,006	\$ 28,566	\$ 29,753	\$ 2,507,693
65. G-42	\$ 130,375	\$ 247,332	\$ 556,326	\$ 614,281	\$ 672,056	\$ 557,112	\$ 610,755	\$ 499,997	\$ 237,849	\$ 139,882	\$ 112,460	\$ 119,700	\$ 4,498,126
66. G-43	\$ 44,358	\$ 73,268	\$ 344,841	\$ 456,388	\$ 568,310	\$ 482,375	\$ 436,389	\$ 290,589	\$ 68,164	\$ 44,930	\$ 35,606	\$ 44,508	\$ 2,889,726
67. G-51	\$ 21,384	\$ 22,372	\$ 24,881	\$ 25,017	\$ 27,570	\$ 22,924	\$ 25,146	\$ 23,530	\$ 22,828	\$ 23,824	\$ 22,581	\$ 24,166	\$ 286,223
68. G-52	\$ 54,743	\$ 58,745	\$ 93,283	\$ 94,149	\$ 103,153	\$ 85,243	\$ 93,254	\$ 85,882	\$ 58,372	\$ 60,253	\$ 57,350	\$ 63,074	\$ 907,501
69. G-53	\$ 60,231	\$ 63,213	\$ 166,814	\$ 174,256	\$ 208,115	\$ 172,748	\$ 167,989	\$ 130,696	\$ 52,084	\$ 56,624	\$ 49,467	\$ 59,797	\$ 1,362,035
70. G-54	\$ 59,620	\$ 50,326	\$ 105,211	\$ 86,284	\$ 86,725	\$ 70,376	\$ 83,305	\$ 95,242	\$ 45,825	\$ 45,988	\$ 51,360	\$ 67,381	\$ 847,641
71. Total C/I	\$ 402,455	\$ 607,742	\$ 1,612,737	\$ 1,846,239	\$ 2,120,774	\$ 1,762,495	\$ 1,798,228	\$ 1,401,212	\$ 574,786	\$ 406,506	\$ 357,390	\$ 408,380	\$ 13,298,945
72. Total All	\$ 1,096,190	\$ 2,070,386	\$ 5,347,468	\$ 7,550,064	\$ 8,871,435	\$ 7,599,082	\$ 6,605,225	\$ 4,226,970	\$ 1,864,331	\$ 1,194,153	\$ 989,271	\$ 1,083,345	\$ 48,497,920

TAILBLOCK

2021-22 Decoupling Year Weather Normalized Volume Tailblock														
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total	
73. R-1	-	-	-	-	-	-	-	-	-	-	-	-	-	
74. R-3	-	-	-	-	-	-	-	-	-	-	-	-	-	
75. R-4	-	-	-	-	-	-	-	-	-	-	-	-	-	
76. Total Resid.	-	-	-	-	-	-	-	-	-	-	-	-	-	
77. G-41	234,125	622,402	1,840,906	3,389,772	4,236,374	3,691,382	2,719,638	1,311,712	524,682	266,886	194,150	178,781	19,210,811	
78. G-42	354,556	907,508	2,400,409	4,268,931	5,128,812	4,553,632	3,422,981	1,714,860	687,869	332,144	236,613	237,588	24,245,902	
79. G-43	-	-	-	-	-	-	-	-	-	-	-	-	-	
80. G-51	166,971	198,936	274,367	348,572	419,232	359,851	323,597	240,642	192,232	184,512	166,630	150,288	3,025,831	
81. G-52	212,142	271,938	434,413	582,419	699,087	608,541	534,399	365,358	259,966	234,483	196,313	198,936	4,597,996	
82. G-53	-	-	-	-	-	-	-	-	-	-	-	-	-	
83. G-54	-	-	-	-	-	-	-	-	-	-	-	-	-	
84. Total C/I	967,795	2,000,784	4,950,095	8,589,694	10,483,505	9,213,405	7,000,616	3,632,572	1,664,749	1,018,026	793,706	765,593	51,080,539	
85. Total All	967,795	2,000,784	4,950,095	8,589,694	10,483,505	9,213,405	7,000,616	3,632,572	1,664,749	1,018,026	793,706	765,593	51,080,539	

2021-22 Tailblock Charge														S&T Total
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22		
86. R-1	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.3844	\$ 0.4873		
87. R-3	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.6337		
88. R-4	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.5632	\$ 0.6337		
89. G-41	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3149	\$ 0.3469		
90. G-42	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.2839	\$ 0.3136		
91. G-43	\$ 0.1198	\$ 0.1198	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.2620	\$ 0.1198	\$ 0.1198	\$ 0.1198	\$ 0.1392		
92. G-51	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.1833	\$ 0.2034		
93. G-52	\$ 0.1000	\$ 0.1000	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1617	\$ 0.1000	\$ 0.1000	\$ 0.1000	\$ 0.1174		
94. G-53	\$ 0.0814	\$ 0.0814	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.1697	\$ 0.0814	\$ 0.0814	\$ 0.0814	\$ 0.0936		
95. G-54	\$ 0.0352	\$ 0.0352	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0648	\$ 0.0352	\$ 0.0352	\$ 0.0352	\$ 0.0397		

2021-22 Decoupling Year Weather Normalized Volume Tailblock Revenue																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						</
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HEADBLOCK + TAILBLOCK

2021-22 Decoupling Year Weather Normalized Volume Headblock + Tailblock													
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total
109. R-1	34,728	48,357	83,240	112,372	127,183	109,748	100,922	71,998	47,897	39,995	32,662	30,748	839,850
110. R-3	1,124,452	2,379,896	6,088,314	9,318,134	11,024,932	9,535,650	7,831,546	4,588,683	2,081,995	1,264,145	1,099,588	1,041,473	57,378,808
111. R-4	83,546	183,965	485,735	732,078	873,785	752,064	634,198	379,197	174,851	106,993	-	-	4,406,411
112. Total Resid.	1,242,725	2,612,218	6,657,289	10,162,584	12,025,900	10,397,462	8,566,666	5,039,878	2,304,743	1,411,134	1,132,250	1,072,221	62,625,070
113. G-41	301,843	819,693	2,526,470	4,234,226	5,206,645	4,484,324	3,533,216	1,898,928	715,954	341,560	255,087	238,204	24,556,149
114. G-42	660,562	1,488,028	3,706,179	5,710,727	6,706,216	5,861,246	4,856,503	2,888,418	1,246,132	660,465	500,572	500,203	34,785,252
115. G-43	370,277	611,606	1,316,295	1,742,079	2,169,297	1,841,276	1,665,740	1,109,206	569,004	375,057	297,220	319,744	12,386,801
116. G-51	242,828	278,298	362,629	437,316	517,034	441,171	412,799	324,111	273,210	269,024	246,733	230,309	4,035,460
117. G-52	523,305	605,846	818,549	970,120	1,123,863	959,566	918,414	719,016	591,752	576,962	522,292	525,237	8,854,922
118. G-53	739,589	776,203	982,729	1,026,569	1,226,035	1,017,685	989,651	769,950	639,550	695,305	607,422	638,861	10,109,550
119. G-54	1,695,103	1,430,843	1,624,520	1,332,276	1,339,082	1,086,647	1,286,278	1,470,597	1,302,872	1,307,503	1,460,239	1,697,243	17,033,205
120. Total C/I	4,533,506	6,010,518	11,337,371	15,453,313	18,288,173	15,691,916	13,662,601	9,180,226	5,338,473	4,225,876	3,889,564	4,149,802	111,761,339
121. Total All	5,776,231	8,622,736	17,994,660	25,615,897	30,314,073	26,089,378	22,229,267	14,220,104	7,643,216	5,637,009	5,021,814	5,222,023	174,386,409

2021-22 Decoupling Year Weather Normalized Volume Headblock + Tailblock Revenue													
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total
122. R-1	\$ 13,348	\$ 18,587	\$ 31,994	\$ 43,192	\$ 48,885	\$ 42,183	\$ 38,791	\$ 27,674	\$ 18,410	\$ 15,373	\$ 12,554	\$ 14,984	\$ 325,974
123. R-3	\$ 633,331	\$ 1,340,442	\$ 3,429,153	\$ 5,248,302	\$ 6,209,630	\$ 5,370,814	\$ 4,411,003	\$ 2,584,508	\$ 1,172,653	\$ 712,011	\$ 619,327	\$ 659,982	\$ 32,391,155
124. R-4	\$ 47,056	\$ 103,615	\$ 273,583	\$ 412,332	\$ 492,146	\$ 423,589	\$ 357,202	\$ 213,577	\$ 98,482	\$ 60,262	\$ -	\$ -	\$ 2,481,846
125. Total Resid.	\$ 693,735	\$ 1,462,644	\$ 3,734,731	\$ 5,703,826	\$ 6,750,661	\$ 5,836,587	\$ 4,806,996	\$ 2,825,759	\$ 1,289,545	\$ 787,646	\$ 631,881	\$ 674,965	\$ 35,198,975
126. G-41	\$ 105,481	\$ 288,508	\$ 901,159	\$ 1,463,448	\$ 1,789,059	\$ 1,534,290	\$ 1,237,920	\$ 688,990	\$ 254,909	\$ 119,059	\$ 89,712	\$ 91,772	\$ 8,563,707
127. G-42	\$ 231,046	\$ 505,006	\$ 1,237,887	\$ 1,826,381	\$ 2,128,308	\$ 1,850,049	\$ 1,582,660	\$ 986,390	\$ 433,159	\$ 234,189	\$ 179,643	\$ 194,208	\$ 11,389,442
128. G-43	\$ 44,358	\$ 73,268	\$ 344,841	\$ 456,388	\$ 568,310	\$ 482,375	\$ 436,389	\$ 290,589	\$ 68,164	\$ 44,930	\$ 35,606	\$ 44,508	\$ 2,889,726
129. G-51	\$ 51,990	\$ 58,837	\$ 75,173	\$ 88,910	\$ 104,416	\$ 88,885	\$ 84,461	\$ 67,640	\$ 58,064	\$ 57,645	\$ 53,124	\$ 54,735	\$ 843,879
130. G-52	\$ 75,950	\$ 85,929	\$ 163,525	\$ 188,323	\$ 216,191	\$ 183,640	\$ 179,663	\$ 144,958	\$ 84,359	\$ 83,693	\$ 76,974	\$ 86,429	\$ 1,569,634
131. G-53	\$ 60,231	\$ 63,213	\$ 166,814	\$ 174,256	\$ 208,115	\$ 172,748	\$ 167,989	\$ 130,696	\$ 52,084	\$ 56,624	\$ 49,467	\$ 59,797	\$ 1,362,035
132. G-54	\$ 59,620	\$ 50,326	\$ 105,211	\$ 86,284	\$ 86,725	\$ 70,376	\$ 83,305	\$ 95,242	\$ 45,825	\$ 45,988	\$ 51,360	\$ 67,381	\$ 847,641
133. Total C/I	\$ 628,674	\$ 1,125,085	\$ 2,994,611	\$ 4,283,989	\$ 5,101,122	\$ 4,382,363	\$ 3,772,388	\$ 2,404,421	\$ 996,564	\$ 642,129	\$ 535,886	\$ 598,830	\$ 27,466,064
134. Total All	\$ 1,322,409	\$ 2,587,729	\$ 6,729,342	\$ 9,987,815	\$ 11,851,784	\$ 10,218,950	\$ 8,579,384	\$ 5,230,179	\$ 2,286,109	\$ 1,429,775	\$ 1,167,767	\$ 1,273,795	\$ 62,665,039

TOTAL REVENUE

2021-22 Decoupling Year Weather Normalized Base Revenue													
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total
135. R-1	\$ 67,542	\$ 74,585	\$ 86,168	\$ 99,175	\$ 104,684	\$ 92,429	\$ 94,244	\$ 81,008	\$ 73,422	\$ 67,976	\$ 67,321	\$ 69,553	\$ 978,106
136. R-3	\$ 1,788,730	\$ 2,530,434	\$ 4,580,458	\$ 6,442,433	\$ 7,405,420	\$ 6,452,131	\$ 5,608,295	\$ 3,741,595	\$ 2,365,471	\$ 1,848,084	\$ 1,905,865	\$ 1,944,322	\$ 46,613,238
137. R-4	\$ 130,405	\$ 196,328	\$ 369,394	\$ 511,204	\$ 591,226	\$ 512,888	\$ 456,002	\$ 309,384	\$ 197,448	\$ 154,059	\$ -	\$ -	\$ 3,428,337
138. Total Resid.	\$ 1,986,677	\$ 2,801,347	\$ 5,036,020	\$ 7,052,812	\$ 8,101,330	\$ 7,057,448	\$ 6,158,541	\$ 4,131,986	\$ 2,636,341	\$ 2,070,119	\$ 1,973,186	\$ 2,013,874	\$ 51,019,681
139. G-41	\$ 632,747	\$ 841,920	\$ 1,449,662	\$ 2,036,580	\$ 2,364,818	\$ 2,055,452	\$ 1,814,955	\$ 1,243,590	\$ 819,901	\$ 646,182	\$ 639,798	\$ 686,951	\$ 15,232,558
140. G-42	\$ 477,897	\$ 761,270	\$ 1,487,133	\$ 2,085,071	\$ 2,387,751	\$ 2,084,930	\$ 1,842,913	\$ 1,238,715	\$ 691,808	\$ 479,125	\$ 437,589	\$ 473,983	\$ 14,448,183
141. G-43	\$ 89,345	\$ 121,096	\$ 391,152	\$ 504,608	\$ 616,898	\$ 526,261	\$ 484,976	\$ 337,609	\$ 116,140	\$ 90,702	\$ 84,226	\$ 97,176	\$ 3,460,190
142. G-51	\$ 125,452	\$ 134,807	\$ 148,674	\$ 164,744	\$ 180,198	\$ 157,425	\$ 160,423	\$ 141,168	\$ 133,892	\$ 129,843	\$ 128,932	\$ 136,961	\$ 1,742,519
143. G-52	\$ 145,442	\$ 157,618	\$ 232,933	\$ 260,195	\$ 288,314	\$ 248,825	\$ 251,776	\$ 214,537	\$ 156,467	\$ 152,373	\$ 149,329	\$ 164,799	\$ 2,422,607
144. G-53	\$ 85,938	\$ 89,777	\$ 192,522	\$ 200,442	\$ 233,898	\$ 196,036	\$ 192,991	\$ 154,891	\$ 76,304	\$ 79,131	\$ 75,956	\$ 88,756	\$ 1,666,642
145. G-54	\$ 80,035	\$ 71,421	\$ 125,348	\$ 106,598	\$ 107,064	\$ 88,743	\$ 103,978	\$ 115,657	\$ 65,357	\$ 64,134	\$ 73,186	\$ 91,044	\$ 1,092,564
146. Total C/I	\$ 1,636,858	\$ 2,177,910	\$ 4,027,423	\$ 5,358,239	\$ 6,178,949	\$ 5,357,671	\$ 4,852,013	\$ 3,446,167	\$ 2,059,869	\$ 1,641,489	\$ 1,589,015	\$ 1,739,669	\$ 40,065,263
147. Total All	\$ 3,623,535	\$ 4,979,257	\$ 9,063,444	\$ 12,411,051	\$ 14,280,269	\$ 12,415,119	\$ 11,010,553	\$ 7,578,154	\$ 4,696,210	\$ 3,711,608	\$ 3,562,201	\$ 3,753,543	\$ 91,084,945

REVENUE

2021-22 Allowed Base Revenue																										
	S&T Sep-21		S&T Oct-21		S&T Nov-21		S&T Dec-21		S&T Jan-22		S&T Feb-22		S&T Mar-22		S&T Apr-22		S&T May-22		S&T Jun-22		S&T Jul-22		S&T Aug-22		S&T Total	
1. R-1	\$	68,426	\$	74,749	\$	80,886	\$	92,013	\$	94,304	\$	83,371	\$	87,570	\$	78,339	\$	74,897	\$	67,511	\$	67,358	\$	70,706	\$	940,130
2. R-3	\$	1,902,965	\$	2,862,452	\$	4,652,930	\$	6,510,566	\$	7,547,815	\$	6,551,160	\$	5,811,563	\$	3,801,240	\$	2,637,440	\$	1,880,046	\$	1,918,044	\$	2,003,655	\$	48,079,877
3. R-4	\$	137,277	\$	223,014	\$	387,213	\$	539,064	\$	625,392	\$	541,015	\$	479,565	\$	314,741	\$	218,823	\$	155,221	\$	-	\$	-	\$	3,621,326
4. Total Resid.	\$	2,108,668	\$	3,160,214	\$	5,121,029	\$	7,141,643	\$	8,267,511	\$	7,175,546	\$	6,378,698	\$	4,194,321	\$	2,931,161	\$	2,102,778	\$	1,985,403	\$	2,074,361	\$	52,641,333
5. G-41	\$	655,293	\$	916,400	\$	1,487,795	\$	2,051,709	\$	2,380,845	\$	2,073,096	\$	1,866,845	\$	1,246,852	\$	879,261	\$	652,406	\$	637,160	\$	692,180	\$	15,539,842
6. G-42	\$	519,347	\$	857,289	\$	1,506,566	\$	2,106,858	\$	2,392,175	\$	2,091,878	\$	1,887,448	\$	1,257,758	\$	791,148	\$	496,101	\$	444,300	\$	490,131	\$	14,840,999
7. G-43	\$	89,535	\$	131,304	\$	370,131	\$	502,494	\$	590,459	\$	503,329	\$	463,784	\$	318,843	\$	128,596	\$	90,338	\$	86,346	\$	100,617	\$	3,375,777
8. G-51	\$	127,134	\$	135,547	\$	148,242	\$	177,724	\$	177,733	\$	157,327	\$	162,286	\$	143,585	\$	138,861	\$	124,814	\$	125,567	\$	140,706	\$	1,749,527
9. G-52	\$	156,026	\$	170,807	\$	247,896	\$	281,218	\$	308,168	\$	269,039	\$	274,127	\$	234,486	\$	169,383	\$	151,292	\$	155,312	\$	174,148	\$	2,591,903
10. G-53	\$	80,126	\$	92,246	\$	182,459	\$	210,484	\$	231,790	\$	190,870	\$	190,304	\$	156,071	\$	80,356	\$	68,680	\$	81,590	\$	97,153	\$	1,662,129
11. G-54	\$	80,529	\$	82,746	\$	124,181	\$	102,703	\$	100,066	\$	90,516	\$	92,617	\$	103,510	\$	71,695	\$	68,976	\$	85,636	\$	98,284	\$	1,101,458
12. Total C/I	\$	1,707,991	\$	2,386,339	\$	4,067,271	\$	5,423,191	\$	6,181,235	\$	5,376,056	\$	4,937,410	\$	3,461,105	\$	2,259,300	\$	1,652,606	\$	1,615,913	\$	1,793,219	\$	40,861,636
13. Total All	\$	3,816,659	\$	5,546,554	\$	9,188,300	\$	12,564,833	\$	14,448,747	\$	12,551,602	\$	11,316,108	\$	7,655,426	\$	5,190,461	\$	3,755,384	\$	3,601,315	\$	3,867,580	\$	93,502,969
2021-22 Decoupling Year Weather Normalized Base Revenue																										
	S&T Sep-21		S&T Oct-21		S&T Nov-21		S&T Dec-21		S&T Jan-22		S&T Feb-22		S&T Mar-22		S&T Apr-22		S&T May-22		S&T Jun-22		S&T Jul-22		S&T Aug-22		S&T Total	
14. R-1	\$	67,542	\$	74,585	\$	86,168	\$	99,175	\$	104,684	\$	92,429	\$	94,244	\$	81,008	\$	73,422	\$	67,976	\$	67,321	\$	69,553	\$	978,106
15. R-3	\$	1,788,730	\$	2,530,434	\$	4,580,458	\$	6,442,433	\$	7,405,420	\$	6,452,131	\$	5,608,295	\$	3,741,595	\$	2,365,471	\$	1,848,084	\$	1,905,865	\$	1,944,322	\$	46,613,238
16. R-4	\$	130,405	\$	196,328	\$	369,394	\$	511,204	\$	591,226	\$	512,888	\$	456,002	\$	309,384	\$	197,448	\$	154,059	\$	-	\$	-	\$	3,428,337
17. Total Resid.	\$	1,986,677	\$	2,801,347	\$	5,036,020	\$	7,052,812	\$	8,101,330	\$	7,057,448	\$	6,158,541	\$	4,131,986	\$	2,636,341	\$	2,070,119	\$	1,973,186	\$	2,013,874	\$	51,019,681
18. G-41	\$	632,747	\$	841,920	\$	1,449,662	\$	2,036,580	\$	2,364,818	\$	2,055,452	\$	1,814,955	\$	1,243,590	\$	819,901	\$	646,182	\$	639,798	\$	686,951	\$	15,232,558
19. G-42	\$	477,897	\$	761,270	\$	1,487,133	\$	2,085,071	\$	2,387,751	\$	2,084,930	\$	1,842,913	\$	1,238,715	\$	691,808	\$	479,125	\$	437,589	\$	473,983	\$	14,448,183
20. G-43	\$	89,345	\$	121,096	\$	391,152	\$	504,608	\$	616,898	\$	526,261	\$	484,976	\$	337,609	\$	116,140	\$	90,702	\$	84,226	\$	97,176	\$	3,460,190
21. G-51	\$	125,452	\$	134,807	\$	148,674	\$	164,744	\$	180,198	\$	157,425	\$	160,423	\$	141,168	\$	133,892	\$	129,843	\$	128,932	\$	136,961	\$	1,742,519
22. G-52	\$	145,442	\$	157,618	\$	232,933	\$	260,195	\$	288,314	\$	248,825	\$	251,776	\$	214,537	\$	156,467	\$	152,373	\$	149,329	\$	164,799	\$	2,422,607
23. G-53	\$	85,938	\$	89,777	\$	192,522	\$	200,442	\$	233,898	\$	196,036	\$	192,991	\$	154,891	\$	76,304	\$	79,131	\$	75,956	\$	88,756	\$	1,666,642
24. G-54	\$	80,035	\$	71,421	\$	125,348	\$	106,598	\$	107,064	\$	88,743	\$	103,978	\$	115,657	\$	65,357	\$	64,134	\$	73,186	\$	91,044	\$	1,092,564
25. Total C/I	\$	1,636,858	\$	2,177,910	\$	4,027,423	\$	5,358,239	\$	6,178,940	\$	5,357,671	\$	4,852,013	\$	3,446,167	\$	2,059,869	\$	1,641,489	\$	1,589,015	\$	1,739,669	\$	40,065,263
26. Total All	\$	3,623,535	\$	4,979,257	\$	9,063,444	\$	12,411,051	\$	14,280,269	\$	12,415,119	\$	11,010,553	\$	7,578,154	\$	4,696,210	\$	3,711,608	\$	3,562,201	\$	3,753,543	\$	91,084,945

DECOUPLING YEAR REVENUE DIFFERENCE AND VARIANCE

2021-22 Decoupling Year Revenue Difference														
	S&T		S&T		S&T		S&T		S&T		S&T		S&T	S&T
	Sep-21		Oct-21		Nov-21		Dec-21		Jan-22		Feb-22		Mar-22	Apr-22
27. R-1	\$ 885	\$ 164	\$ (5,282)	\$ (7,162)	\$ (10,380)	\$ (9,058)	\$ (6,674)	\$ (2,669)	\$ 1,476	\$ (465)	\$ 37	\$ 1,154	\$ (37,976)	
28. R-3	\$ 114,235	\$ 332,017	\$ 72,472	\$ 68,133	\$ 142,396	\$ 99,029	\$ 203,269	\$ 59,646	\$ 271,969	\$ 31,962	\$ 12,179	\$ 59,333	\$ 1,466,639	
29. R-4	\$ 6,872	\$ 26,686	\$ 17,819	\$ 27,860	\$ 34,166	\$ 28,127	\$ 23,563	\$ 5,358	\$ 21,375	\$ 1,162	\$ -	\$ -	\$ 192,989	
30. Total Resid.	\$ 121,992	\$ 358,867	\$ 85,009	\$ 88,831	\$ 166,182	\$ 118,098	\$ 220,157	\$ 62,334	\$ 294,820	\$ 32,659	\$ 12,217	\$ 60,487	\$ 1,621,652	
31. G-41	\$ 22,546	\$ 74,480	\$ 38,133	\$ 15,130	\$ 16,027	\$ 17,644	\$ 51,889	\$ 3,262	\$ 59,359	\$ 6,224	\$ (2,638)	\$ 5,228	\$ 307,285	
32. G-42	\$ 41,450	\$ 96,019	\$ 19,434	\$ 21,787	\$ 4,425	\$ 6,948	\$ 44,535	\$ 19,043	\$ 99,340	\$ 16,976	\$ 6,711	\$ 16,148	\$ 392,817	
33. G-43	\$ 189	\$ 10,207	\$ (21,020)	\$ (2,114)	\$ (26,439)	\$ (22,932)	\$ (21,192)	\$ (18,766)	\$ 12,456	\$ (364)	\$ 2,120	\$ 3,441	\$ (84,413)	
34. G-51	\$ 1,682	\$ 740	\$ (432)	\$ 2,980	\$ (2,465)	\$ (98)	\$ 1,863	\$ 2,417	\$ 4,969	\$ (5,029)	\$ (3,364)	\$ 3,746	\$ 7,008	
35. G-52	\$ 10,584	\$ 13,188	\$ 14,964	\$ 21,022	\$ 19,854	\$ 20,214	\$ 22,352	\$ 19,949	\$ 12,916	\$ (1,081)	\$ 5,983	\$ 9,350	\$ 169,295	
36. G-53	\$ (5,812)	\$ 2,470	\$ (10,063)	\$ 10,042	\$ (2,108)	\$ (5,165)	\$ (2,687)	\$ 1,179	\$ 4,052	\$ (10,451)	\$ 5,634	\$ 8,397	\$ (4,513)	
37. G-54	\$ 494	\$ 11,326	\$ (1,168)	\$ (3,895)	\$ (6,998)	\$ 1,773	\$ (11,362)	\$ (12,147)	\$ 6,337	\$ 4,842	\$ 12,451	\$ 7,240	\$ 8,893	
38. Total C/I	\$ 71,132	\$ 208,429	\$ 39,848	\$ 64,952	\$ 2,296	\$ 18,384	\$ 85,398	\$ 14,937	\$ 199,431	\$ 11,118	\$ 26,898	\$ 53,550	\$ 796,373	
39. Total All	\$ 193,124	\$ 567,296	\$ 124,856	\$ 153,783	\$ 168,477	\$ 136,483	\$ 305,555	\$ 77,272	\$ 494,250	\$ 43,776	\$ 39,114	\$ 114,037	\$ 2,418,024	
fr. RDAF - REVISED 12/08/2022 Schedule 4 p.3														
	S&T		S&T		S&T		S&T		S&T		S&T		S&T	S&T
	Sep-21		Oct-21		Nov-21		Dec-21		Jan-22		Feb-22		Mar-22	Apr-22
40. ResMo	\$ 170,543	\$ 695,995	\$ 602,442	\$ 288,165	\$ (52,190)	\$ 276,867	\$ (263,559)	\$ (180,617)	\$ (103,419)	\$ 59,549	\$ (67,861)	\$ 105,253	\$ 1,531,167	
41. ResTruUp	\$ 16,775	\$ 36,250	\$ 2,410	\$ 129,397	\$ 28,989	\$ 136,093	\$ 352,512	\$ 60,121	\$ 94,837	\$ 49,631	\$ 48,244	\$ (5,442)	\$ 949,817	
42. ResTTL	\$ 187,318	\$ 732,245	\$ 604,852	\$ 417,562	\$ (23,202)	\$ 412,960	\$ 88,953	\$ (120,496)	\$ (8,582)	\$ 109,180	\$ (19,617)	\$ 99,811	\$ 2,480,984	
43. ComMo	\$ 43,875	\$ (239,968)	\$ (949,941)	\$ 25,392	\$ (1,055,358)	\$ 1,765,498	\$ 9,429	\$ (364,478)	\$ 249,240	\$ (59,661)	\$ 90,541	\$ (54,411)	\$ (539,840)	
44. ComTruUp	\$ 2,414	\$ 8,997	\$ (18,644)	\$ 105,067	\$ 45,348	\$ 65,699	\$ 284,028	\$ (26,173)	\$ 188,630	\$ 64,469	\$ (5,572)	\$ 68,675	\$ 782,938	
45. ComTTL	\$ 46,290	\$ (230,971)	\$ (968,585)	\$ 130,459	\$ (1,010,010)	\$ 1,831,197	\$ 293,458	\$ (390,651)	\$ 437,870	\$ 4,808	\$ 84,969	\$ 14,264	\$ 243,098	
46. TotMo	\$ 214,418	\$ 456,027	\$ (347,499)	\$ 313,557	\$ (1,107,548)	\$ 2,042,365	\$ (254,129)	\$ (545,095)	\$ 145,821	\$ (112)	\$ 22,680	\$ 50,841	\$ 991,327	
47. TotTruUp	\$ 19,189	\$ 45,247	\$ (16,234)	\$ 234,464	\$ 74,337	\$ 201,792	\$ 636,540	\$ 33,948	\$ 283,467	\$ 114,100	\$ 42,672	\$ 63,233	\$ 1,732,755	
48. TotTTL	\$ 233,608	\$ 501,274	\$ (363,733)	\$ 548,021	\$ (1,033,212)	\$ 2,244,157	\$ 382,411	\$ (511,147)	\$ 429,288	\$ 113,988	\$ 65,352	\$ 114,075	\$ 2,724,082	
49. ResDiff	\$ (65,326)	\$ (373,378)	\$ (519,843)	\$ (328,731)	\$ 189,383	\$ (294,862)	\$ 131,204	\$ 182,830	\$ 303,402	\$ (76,521)	\$ 31,834	\$ (39,324)	\$ (859,332)	
50. ComDiff	\$ 24,843	\$ 439,401	\$ 1,008,432	\$ (65,507)	\$ 1,012,305	\$ (1,812,813)	\$ (208,060)	\$ 405,588	\$ (238,440)	\$ 6,309	\$ (58,071)	\$ 39,286	\$ 553,275	
51. TTL Diff	\$ (40,484)	\$ 66,022	\$ 488,589	\$ (394,238)	\$ 1,201,689	\$ (2,107,674)	\$ (76,856)	\$ 588,419	\$ 64,962	\$ (70,212)	\$ (26,237)	\$ (38)	\$ (306,057)	

REVENUE PER BILL

2021-22 Decoupling Year Weather Normalized Base Revenue																										
	S&T Sep-21		S&T Oct-21		S&T Nov-21		S&T Dec-21		S&T Jan-22		S&T Feb-22		S&T Mar-22		S&T Apr-22		S&T May-22		S&T Jun-22		S&T Jul-22		S&T Aug-22		S&T Total	
1. R-1	\$	67,542	\$	74,585	\$	86,168	\$	99,175	\$	104,684	\$	92,429	\$	94,244	\$	81,008	\$	73,422	\$	67,976	\$	67,321	\$	69,553	\$	978,106
2. R-3	\$	1,788,730	\$	2,530,434	\$	4,580,458	\$	6,442,433	\$	7,405,420	\$	6,452,131	\$	5,608,295	\$	3,741,595	\$	2,365,471	\$	1,848,084	\$	1,905,865	\$	1,944,322	\$	46,613,238
3. R-4	\$	130,405	\$	196,328	\$	369,394	\$	511,204	\$	591,226	\$	512,888	\$	456,002	\$	309,384	\$	197,448	\$	154,059	\$	-	\$	-	\$	3,428,337
4. Total Resid.	\$	1,986,677	\$	2,801,347	\$	5,036,020	\$	7,052,812	\$	8,101,330	\$	7,057,448	\$	6,158,541	\$	4,131,986	\$	2,636,341	\$	2,070,119	\$	1,973,186	\$	2,013,874	\$	51,019,681
5. G-41	\$	632,747	\$	841,920	\$	1,449,662	\$	2,036,580	\$	2,364,818	\$	2,055,452	\$	1,814,955	\$	1,243,590	\$	819,901	\$	646,182	\$	639,798	\$	686,951	\$	15,232,558
6. G-42	\$	477,897	\$	761,270	\$	1,487,133	\$	2,085,071	\$	2,387,751	\$	2,084,930	\$	1,842,913	\$	1,238,715	\$	691,808	\$	479,125	\$	437,589	\$	473,983	\$	14,448,183
7. G-43	\$	89,345	\$	121,096	\$	391,152	\$	504,608	\$	616,898	\$	526,261	\$	484,976	\$	337,609	\$	116,140	\$	90,702	\$	84,226	\$	97,176	\$	3,460,190
8. G-51	\$	125,452	\$	134,807	\$	148,674	\$	164,744	\$	180,198	\$	157,425	\$	160,423	\$	141,168	\$	133,892	\$	129,843	\$	128,932	\$	136,961	\$	1,742,519
9. G-52	\$	145,442	\$	157,618	\$	232,933	\$	260,195	\$	288,314	\$	248,825	\$	251,776	\$	214,537	\$	156,467	\$	152,373	\$	149,329	\$	164,799	\$	2,422,607
10. G-53	\$	85,938	\$	89,777	\$	192,522	\$	200,442	\$	233,898	\$	196,036	\$	192,991	\$	154,891	\$	76,304	\$	79,131	\$	75,956	\$	88,756	\$	1,666,642
11. G-54	\$	80,035	\$	71,421	\$	125,348	\$	106,598	\$	107,064	\$	88,743	\$	103,978	\$	115,657	\$	65,357	\$	64,134	\$	73,186	\$	91,044	\$	1,092,564
12. Total C/I	\$	1,636,858	\$	2,177,910	\$	4,027,423	\$	5,358,239	\$	6,178,940	\$	5,357,671	\$	4,852,013	\$	3,446,167	\$	2,059,869	\$	1,641,489	\$	1,589,015	\$	1,739,669	\$	40,065,263
13. Total All	\$	3,623,535	\$	4,979,257	\$	9,063,444	\$	12,411,051	\$	14,280,269	\$	12,415,119	\$	11,010,553	\$	7,578,154	\$	4,696,210	\$	3,711,608	\$	3,562,201	\$	3,753,543	\$	91,084,945
2021-22 Customers (Equivalent Bills)																										
	S&T Sep-21		S&T Oct-21		S&T Nov-21		S&T Dec-21		S&T Jan-22		S&T Feb-22		S&T Mar-22		S&T Apr-22		S&T May-22		S&T Jun-22		S&T Jul-22		S&T Aug-22		S&T Total	
14. R-1		3,521		3,638		3,520		3,637		3,625		3,264		3,603		3,465		3,574		3,417		3,558		3,546		42,368
15. R-3		75,063		77,311		74,797		77,579		77,687		70,250		77,785		75,173		77,494		73,808		83,583		83,453		923,983
16. R-4		5,415		6,023		6,225		6,423		6,437		5,801		6,419		6,224		6,430		6,094		-		-		61,491
17. Total Resid.		83,999		86,972		84,541		87,640		87,749		79,316		87,806		84,862		87,498		83,319		87,141		86,999		1,027,841
18. G-41		9,240		9,699		9,613		10,044		10,090		9,133		10,113		9,730		9,902		9,238		9,640		9,595		116,037
19. G-42		1,442		1,497		1,456		1,511		1,516		1,372		1,520		1,471		1,511		1,431		1,507		1,504		17,737
20. G-43		61		65		63		66		66		60		66		64		65		62		66		66		771
21. G-51		1,287		1,331		1,288		1,329		1,328		1,201		1,331		1,289		1,329		1,265		1,329		1,325		15,632
22. G-52		406		419		405		420		421		381		421		406		421		401		423		422		4,947
23. G-53		34		35		34		35		34		31		33		32		32		30		35		35		400
24. G-54		27		28		27		27		27		24		27		27		26		24		29		29		321
25. Total C/I		12,498		13,074		12,886		13,431		13,482		12,202		13,512		13,019		13,286		12,451		13,028		12,975		155,845
26. Total All		96,497		100,046		97,427		101,071		101,231		91,518		101,318		97,881		100,783		95,770		100,169		99,974		1,183,686

2021-22 Actual Base Revenue Per Bill																		
	S&T		S&T		S&T		S&T		S&T		S&T		S&T		S&T		S&T	
	Sep-21		Oct-21		Nov-21		Dec-21		Jan-22		Feb-22		Mar-22		Apr-22		May-22	
27. R-1	\$	19.184	\$	20.501	\$	24.483	\$	27.268	\$	28.877	\$	28.315	\$	26.160	\$	23.379	\$	20.543
28. R-3	\$	23.830	\$	32.731	\$	61.238	\$	83.043	\$	95.324	\$	91.845	\$	72.100	\$	49.773	\$	30.525
29. R-4	\$	24.082	\$	32.595	\$	59.345	\$	79.584	\$	91.849	\$	88.406	\$	71.042	\$	49.706	\$	30.710
30. Total Resid.	\$	23.651	\$	32.210	\$	59.569	\$	80.475	\$	92.324	\$	88.979	\$	70.138	\$	48.691	\$	30.130
31. G-41	\$	68.476	\$	86.808	\$	150.809	\$	202.762	\$	234.367	\$	225.047	\$	179.475	\$	127.811	\$	82.805
32. G-42	\$	331.424	\$	508.553	\$	1,021.429	\$	1,379.835	\$	1,575.553	\$	1,519.603	\$	1,212.260	\$	842.144	\$	457.891
33. G-43	\$	1,459.097	\$	1,860.160	\$	6,205.467	\$	7,688.288	\$	9,328.092	\$	8,810.177	\$	7,333.311	\$	5,275.140	\$	1,778.557
34. G-51	\$	97.443	\$	101.253	\$	115.419	\$	123.961	\$	135.681	\$	131.060	\$	120.507	\$	109.552	\$	100.754
35. G-52	\$	358.293	\$	376.389	\$	574.528	\$	619.758	\$	684.344	\$	653.481	\$	597.708	\$	527.854	\$	371.470
36. G-53	\$	2,527.598	\$	2,555.329	\$	5,662.411	\$	5,787.571	\$	6,859.185	\$	6,364.819	\$	5,836.437	\$	4,840.349	\$	2,382.033
37. G-54	\$	2,964.258	\$	2,559.897	\$	4,706.452	\$	3,967.678	\$	3,980.085	\$	3,653.285	\$	3,802.883	\$	4,283.593	\$	2,529.966
38. Total C/I	\$	130.970	\$	166.585	\$	312.549	\$	398.938	\$	458.302	\$	439.074	\$	359.093	\$	264.705	\$	155.044
2021-22 Allowed Revenue Per Bill																		
	S&T		S&T		S&T		S&T		S&T		S&T		S&T		S&T		S&T	
	Sep-21		Oct-21		Nov-21		Dec-21		Jan-22		Feb-22		Mar-22		Apr-22		May-22	
39. R-1	\$	19.435	\$	20.546	\$	22.982	\$	25.299	\$	26.014	\$	25.540	\$	24.307	\$	22.609	\$	20.956
40. R-3	\$	25.352	\$	37.025	\$	62.207	\$	83.921	\$	97.157	\$	93.255	\$	74.713	\$	50.567	\$	34.034
41. R-4	\$	25.352	\$	37.025	\$	62.207	\$	83.921	\$	97.157	\$	93.255	\$	74.713	\$	50.567	\$	34.034
42. Total Resid.	\$	25.104	\$	36.336	\$	60.574	\$	81.488	\$	94.217	\$	90.468	\$	72.645	\$	49.425	\$	33.500
43. G-41	\$	70.916	\$	94.488	\$	154.776	\$	204.268	\$	235.956	\$	226.979	\$	184.606	\$	128.146	\$	88.800
44. G-42	\$	360.170	\$	572.697	\$	1,034.777	\$	1,394.253	\$	1,578.472	\$	1,524.667	\$	1,241.555	\$	855.091	\$	523.642
45. G-43	\$	1,462.191	\$	2,016.955	\$	5,871.987	\$	7,656.083	\$	9,828.306	\$	8,426.278	\$	7,012.866	\$	4,981.917	\$	1,969.310
46. G-51	\$	98.750	\$	101.809	\$	115.084	\$	126.203	\$	133.825	\$	130.979	\$	121.907	\$	111.427	\$	104.493
47. G-52	\$	384.365	\$	407.882	\$	611.436	\$	669.830	\$	731.471	\$	706.568	\$	650.770	\$	576.938	\$	402.1

REVENUE PER BILL

2021-22 Revenue Per Bill Difference (Allowed - Actual)																										
		S&T Sep-21		S&T Oct-21		S&T Nov-21		S&T Dec-21		S&T Jan-22		S&T Feb-22		S&T Mar-22		S&T Apr-22		S&T May-22		S&T Jun-22		S&T Jul-22		S&T Aug-22		S&T Total
51. R-1	\$	0.251	\$	0.045	\$	(1.501)	\$	(1.969)	\$	(2.863)	\$	(2.775)	\$	(1.853)	\$	(0.770)	\$	0.413	\$	(0.136)	\$	0.010	\$	0.325	\$	(0.896)
52. R-3		1.522		4.295		0.969		0.878		1.833		1.410		2.613		0.793		3.510		0.433		0.146		0.711		1.587
53. R-4		1.269		4.431		2.863		4.337		5.308		4.848		3.671		0.861		3.325		0.191		22.948		24.009		3.138
54. Total Resid.	\$	1.452	\$	4.126	\$	1.006	\$	1.014	\$	1.894	\$	1.489	\$	2.507	\$	0.735	\$	3.369	\$	0.392	\$	0.140	\$	0.695	\$	1.578
55. G-41	\$	2.440	\$	7.679	\$	3.967	\$	1.506	\$	1.588	\$	1.932	\$	5.131	\$	0.335	\$	5.995	\$	0.674	\$	(0.274)	\$	0.545	\$	2.648
56. G-42	\$	28.746	\$	64.144	\$	13.348	\$	14.418	\$	2.920	\$	5.064	\$	29.295	\$	12.946	\$	65.751	\$	11.865	\$	4.454	\$	10.738	\$	22.147
57. G-43	\$	3.094	\$	156.796	\$	(333.480)	\$	(32.205)	\$	(399.786)	\$	(383.900)	\$	(320.445)	\$	(293.223)	\$	190.753	\$	(5.839)	\$	32.037	\$	52.029	\$	(109.496)
58. G-51	\$	1.306	\$	0.556	\$	(0.335)	\$	2.242	\$	(1.856)	\$	(0.081)	\$	1.400	\$	1.875	\$	3.739	\$	(3.974)	\$	(2.532)	\$	2.828	\$	0.448
59. G-52	\$	26.072	\$	31.493	\$	36.908	\$	50.073	\$	47.126	\$	53.087	\$	53.062	\$	49.084	\$	30.664	\$	(2.695)	\$	14.157	\$	22.167	\$	34.225
60. G-53	\$	(170.943)	\$	70.290	\$	(295.972)	\$	289.954	\$	(61.818)	\$	(167.708)	\$	(81.271)	\$	36.857	\$	126.499	\$	(351.111)	\$	160.828	\$	238.253	\$	(11.287)
61. G-54	\$	18.287	\$	405.937	\$	(43.840)	\$	(144.967)	\$	(260.158)	\$	72.998	\$	(415.539)	\$	(449.886)	\$	245.318	\$	201.754	\$	431.318	\$	251.381	\$	27.668
62. Total C/I	\$	5.692	\$	15.942	\$	3.092	\$	4.836	\$	0.170	\$	1.507	\$	6.320	\$	1.147	\$	15.011	\$	0.893	\$	2.065	\$	4.127	\$	5.110
2021-22 Revenue Per Bill Percent Difference (Allowed - Actual)																										
		S&T Sep-21		S&T Oct-21		S&T Nov-21		S&T Dec-21		S&T Jan-22		S&T Feb-22		S&T Mar-22		S&T Apr-22		S&T May-22		S&T Jun-22		S&T Jul-22		S&T Aug-22		S&T Total
63. R-1		1.3%		0.2%		(6.1%)		(7.2%)		(9.9%)		(9.8%)		(7.1%)		(3.3%)		2.0%		(0.7%)		0.1%		1.7%		(3.9%)
64. R-3		6.4%		13.1%		1.6%		1.1%		1.9%		1.5%		3.6%		1.6%		11.5%		1.7%		0.6%		3.1%		3.1%
65. R-4		5.3%		13.6%		4.8%		5.4%		5.8%		5.5%		5.2%		1.7%		10.8%		0.8%		0.0%		0.0%		5.6%
66. Total Resid.		6.1%		12.8%		1.7%		1.3%		2.1%		1.7%		3.6%		1.5%		11.2%		1.6%		0.6%		3.0%		3.2%
67. G-41		3.6%		8.8%		2.6%		0.7%		0.7%		0.9%		2.9%		0.3%		7.2%		1.0%		(0.4%)		0.8%		2.0%
68. G-42		8.7%		12.6%		1.3%		1.0%		0.2%		0.3%		2.4%		1.5%		14.4%		3.5%		1.5%		3.4%		2.7%
69. G-43		0.2%		8.4%		(5.4%)		(0.4%)		(4.3%)		(4.4%)		(4.4%)		(5.6%)		10.7%		(0.4%)		2.5%		3.5%		(2.4%)
70. G-51		1.3%		0.5%		(0.3%)		1.8%		(1.4%)		(0.1%)		1.2%		1.7%		3.7%		(3.9%)		(2.6%)		2.7%		0.4%
71. G-52		7.3%		8.4%		6.4%		8.1%		6.9%		8.1%		8.9%		9.3%		8.3%		(0.7%)		4.0%		5.7%		7.0%
72. G-53		(6.8%)		2.8%		(5.2%)		5.0%		(0.9%)		(2.6%)		(1.4%)		0.8%		5.3%		(13.2%)		7.4%		9.5%		(0.3%)
73. G-54		0.6%		15.9%		(0.9%)		(3.7%)		(6.5%)		2.0%		(10.9%)		(10.5%)		9.7%		7.5%		17.0%		8.0%		0.8%
74. Total C/I		4.3%		9.6%		1.0%		1.2%		0.0%		0.3%		1.8%		0.4%		9.7%		0.7%		1.7%		3.1%		2.0%

REVENUE

2021-22 Decoupling Year Revenue Difference														
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total	
75. R-1	\$ 885	\$ 164	\$ (5,282)	\$ (7,162)	\$ (10,380)	\$ (9,058)	\$ (6,674)	\$ (2,669)	\$ 1,476	\$ (465)	\$ 37	\$ 1,154	\$ (37,976)	
76. R-3	\$ 114,235	\$ 332,017	\$ 72,472	\$ 68,133	\$ 142,396	\$ 99,029	\$ 203,269	\$ 59,646	\$ 271,969	\$ 31,962	\$ 12,179	\$ 59,333	\$ 1,466,639	
77. R-4	\$ 6,872	\$ 26,686	\$ 17,819	\$ 27,860	\$ 34,166	\$ 28,127	\$ 23,563	\$ 5,358	\$ 21,375	\$ 1,162	\$ -	\$ -	\$ 192,989	
78. Total Resid.	\$ 121,992	\$ 358,867	\$ 85,009	\$ 88,831	\$ 166,182	\$ 118,098	\$ 220,157	\$ 62,334	\$ 294,820	\$ 32,659	\$ 12,217	\$ 60,487	\$ 1,621,652	
79. G-41	\$ 22,546	\$ 74,480	\$ 38,133	\$ 15,130	\$ 16,027	\$ 17,644	\$ 51,889	\$ 3,262	\$ 59,359	\$ 6,224	\$ (2,638)	\$ 5,228	\$ 307,285	
80. G-42	\$ 41,450	\$ 96,019	\$ 19,434	\$ 21,787	\$ 4,425	\$ 6,948	\$ 44,535	\$ 19,043	\$ 99,340	\$ 16,976	\$ 6,711	\$ 16,148	\$ 392,817	
81. G-43	\$ 189	\$ 10,207	\$ (21,020)	\$ (2,114)	\$ (26,439)	\$ (22,932)	\$ (21,192)	\$ (18,766)	\$ 12,456	\$ (364)	\$ 2,120	\$ 3,441	\$ (84,413)	
82. G-51	\$ 1,682	\$ 740	\$ (432)	\$ 2,980	\$ (2,465)	\$ (98)	\$ 1,863	\$ 2,417	\$ 4,969	\$ (5,029)	\$ (3,364)	\$ 3,746	\$ 7,008	
83. G-52	\$ 10,584	\$ 13,188	\$ 14,964	\$ 21,022	\$ 19,854	\$ 20,214	\$ 22,352	\$ 19,949	\$ 12,916	\$ (1,081)	\$ 5,983	\$ 9,350	\$ 169,295	
84. G-53	\$ (5,812)	\$ 2,470	\$ (10,063)	\$ 10,042	\$ (2,108)	\$ (5,165)	\$ (2,687)	\$ 1,179	\$ 4,052	\$ (10,451)	\$ 5,634	\$ 8,397	\$ (4,513)	
85. G-54	\$ 494	\$ 11,326	\$ (1,168)	\$ (3,895)	\$ (6,998)	\$ 1,773	\$ (11,362)	\$ (12,147)	\$ 6,337	\$ 4,842	\$ 12,451	\$ 7,240	\$ 8,893	
86. Total C/I	\$ 71,132	\$ 208,429	\$ 39,848	\$ 64,952	\$ 2,296	\$ 18,384	\$ 85,398	\$ 14,937	\$ 199,431	\$ 11,118	\$ 26,898	\$ 53,550	\$ 796,373	
87. Total All	\$ 193,124	\$ 567,296	\$ 124,856	\$ 153,783	\$ 168,477	\$ 136,483	\$ 305,555	\$ 77,272	\$ 494,250	\$ 43,776	\$ 39,114	\$ 114,037	\$ 2,418,024	
2021-22 Decoupling Year Revenue Percent Difference														
	S&T Sep-21	S&T Oct-21	S&T Nov-21	S&T Dec-21	S&T Jan-22	S&T Feb-22	S&T Mar-22	S&T Apr-22	S&T May-22	S&T Jun-22	S&T Jul-22	S&T Aug-22	S&T Total	
88. R-1	1.3%	0.2%	(6.5%)	(7.8%)	(11.0%)	(10.9%)	(7.6%)	(3.4%)	2.0%	(0.7%)	0.1%	1.6%	(4.0%)	
89. R-3	6.0%	11.6%	1.6%	1.0%	1.9%	1.5%	3.5%	1.6%	10.3%	1.7%	0.6%	3.0%	3.1%	
90. R-4	5.0%	12.0%	4.6%	5.2%	5.5%	5.2%	4.9%	1.7%	9.8%	0.7%	0.0%	0.0%	5.3%	
91. Total Resid.	5.8%	11.4%	1.7%	1.2%	2.0%	1.6%	3.5%	1.5%	10.1%	1.6%	0.6%	2.9%	3.1%	
92. G-41	3.4%	8.1%	2.6%	0.7%	0.7%	0.9%	2.8%	0.3%	6.8%	1.0%	(0.4%)	0.8%	2.0%	
93. G-42	8.0%	11.2%	1.3%	1.0%	0.2%	0.3%	2.4%	1.5%	12.6%	3.4%	1.5%	3.3%	2.6%	
94. G-43	0.2%	7.8%	(5.7%)	(0.4%)	(4.5%)	(4.6%)	(4.6%)	(5.9%)	9.7%	(0.4%)	2.5%	3.4%	(2.5%)	
95. G-51	1.3%	0.5%	(0.3%)	1.8%	(1.4%)	(0.1%)	1.1%	1.7%	3.6%	(4.0%)	(2.7%)	2.7%	0.4%	
96. G-52	6.8%	7.7%	6.0%	7.5%	6.4%	7.5%	8.2%	8.5%	7.6%	(0.7%)	3.9%	5.4%	6.5%	
97. G-53	(7.3%)	2.7%	(5.5%)	4.8%	(0.9%)	(2.7%)	(1.4%)	0.8%	5.0%	(15.2%)	6.9%	8.6%	(0.3%)	
98. G-54	0.6%	13.7%	(0.9%)	(3.8%)	(7.0%)	2.0%	(12.3%)	(11.7%)	8.8%	7.0%	14.5%	7.4%	0.8%	
99. Total C/I	4.2%	8.7%	1.0%	1.2%	0.0%	0.3%	1.7%	0.4%	8.8%	0.7%	1.7%	3.0%	1.9%	
100. Total All	5.1%	10.2%	1.4%	1.2%	1.2%	1.1%	2.7%	1.0%	9.5%	1.2%	1.1%	2.9%	2.6%	