

Liberty Utilities (EnergyNorth Natural Gas) Corp.
Docket DG 20-_____
Revenue Decoupling Adjustment Factor

	(1)	(2)	(3)
Residential Revenue Decoupling Adjustment Factor			
1. Allowed Base Revenue	\$ 49,147,752		
2. less: Actual and Estimated Base Revenue	<u>50,205,891</u>		
3. Revenue Deficiency / (Excess)		\$ (1,058,139)	
4. divided by: Forecasted Residential Sales		<u>63,612,499</u>	
5. Residential Revenue Decoupling Adjustment Factor			<u>\$ (0.0166)</u>
 Commercial Revenue Decoupling Adjustment Factor			
6. Allowed Base Revenue	\$ 36,558,043		
7. less: Actual and Estimated Base Revenue	<u>38,373,247</u>		
8. Revenue Deficiency / (Excess)		\$ (1,815,203)	
9. divided by: Forecasted Commercial Sales		<u>111,244,381</u>	
10. Commercial Revenue Decoupling Adjustment Factor			<u>\$ (0.0163)</u>
 11. TOTAL Revenue Deficiency / (Excess)		 <u>\$ (2,873,342)</u>	

Liberty Utilities (EnergyNorth Natural Gas) Corp.
Docket DG 20-_____
Revenue Decoupling Adjustment Factor
Allowed Decoupling Year Revenues

EnergyNorth Natural Gas Inc

2019-20 Customers (Equivalent Bills)

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19	S&T Total
R-1	3,497	3,611	3,503	3,627	3,630	3,403	3,645	3,520	3,633	3,514	3,605	3,613	42,801
R-3	72,511	75,302	73,218	76,274	76,471	71,695	76,753	74,366	76,831	73,589	74,635	74,652	896,299
R-4	5,314	5,687	5,939	5,943	5,921	5,522	5,814	5,486	5,610	5,356	5,713	5,574	67,879
Total Resid.	81,322	84,600	82,660	85,844	86,022	80,620	86,212	83,372	86,074	82,459	83,953	83,840	1,006,979
G-41	8,868	9,414	9,424	9,851	9,899	9,280	9,918	9,534	9,722	9,135	9,210	9,149	113,403
G-42	1,409	1,467	1,434	1,483	1,487	1,394	1,492	1,442	1,486	1,419	1,441	1,457	17,411
G-43	56	59	58	64	63	59	63	61	63	60	59	56	721
G-51	1,306	1,353	1,311	1,350	1,347	1,260	1,346	1,298	1,340	1,272	1,345	1,357	15,886
G-52	392	409	401	417	419	393	421	406	419	402	401	406	4,886
G-53	33	34	33	34	34	32	34	33	34	33	34	33	402
G-54	26	27	26	28	29	26	29	28	28	27	28	27	329
Total C/I	12,091	12,763	12,687	13,226	13,279	12,443	13,302	12,802	13,092	12,348	12,519	12,485	153,037
Total All	93,413	97,363	95,347	99,070	99,300	93,063	99,514	96,174	99,166	94,807	96,472	96,325	1,160,016

2019-20 Benchmark Base Revenue Per Bill

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19
R-1	\$ 18,859	\$ 20,743	\$ 23,630	\$ 25,588	\$ 26,326	\$ 26,064	\$ 24,359	\$ 21,665	\$ 20,932	\$ 19,551	\$ 18,941	\$ 18,879
R-3	\$ 25,472	\$ 36,363	\$ 58,483	\$ 78,412	\$ 89,883	\$ 84,877	\$ 72,716	\$ 45,931	\$ 33,622	\$ 25,883	\$ 23,299	\$ 23,420
R-4	\$ 25,472	\$ 36,363	\$ 58,483	\$ 78,412	\$ 89,883	\$ 84,877	\$ 72,716	\$ 45,931	\$ 33,622	\$ 25,883	\$ 23,299	\$ 23,420
G-41	\$ 72,158	\$ 91,992	\$ 141,061	\$ 187,336	\$ 213,824	\$ 204,320	\$ 174,282	\$ 120,172	\$ 89,749	\$ 73,104	\$ 68,903	\$ 68,518
G-42	\$ 350,138	\$ 536,208	\$ 831,437	\$ 1,139,248	\$ 1,275,090	\$ 1,181,586	\$ 995,503	\$ 692,940	\$ 478,158	\$ 353,842	\$ 302,305	\$ 295,617
G-43	\$ 1,571,363	\$ 1,527,764	\$ 6,630,216	\$ 7,593,280	\$ 8,769,856	\$ 7,718,973	\$ 6,633,048	\$ 4,338,262	\$ 2,120,739	\$ 1,477,930	\$ 1,300,970	\$ 1,336,424
G-51	\$ 89,704	\$ 101,446	\$ 117,110	\$ 128,843	\$ 132,447	\$ 127,517	\$ 117,280	\$ 101,009	\$ 95,963	\$ 86,858	\$ 87,995	\$ 88,807
G-52	\$ 364,914	\$ 437,330	\$ 635,041	\$ 672,436	\$ 670,683	\$ 657,599	\$ 601,232	\$ 521,003	\$ 376,781	\$ 342,142	\$ 352,146	\$ 363,849
G-53	\$ 2,344,638	\$ 2,881,035	\$ 5,288,039	\$ 6,482,182	\$ 5,443,345	\$ 5,509,426	\$ 5,382,287	\$ 4,702,462	\$ 2,553,307	\$ 2,163,553	\$ 2,187,837	\$ 2,390,070
G-54	\$ 2,869,470	\$ 3,362,856	\$ 4,517,444	\$ 5,041,273	\$ 4,376,519	\$ 3,774,254	\$ 2,908,047	\$ 3,287,867	\$ 2,028,236	\$ 2,391,070	\$ 2,406,224	\$ 2,727,255

2019-20 Allowed Base Revenue

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19	S&T Total
R-1	\$ 65,957	\$ 74,907	\$ 82,768	\$ 92,799	\$ 95,563	\$ 88,684	\$ 88,792	\$ 76,262	\$ 76,047	\$ 68,708	\$ 68,278	\$ 68,211	\$ 946,976
R-3	\$ 1,846,975	\$ 2,738,202	\$ 4,282,002	\$ 5,980,759	\$ 6,873,453	\$ 6,085,300	\$ 5,581,209	\$ 3,415,684	\$ 2,583,185	\$ 1,904,687	\$ 1,738,889	\$ 1,748,397	\$ 44,778,744
R-4	\$ 135,345	\$ 206,789	\$ 347,344	\$ 466,027	\$ 532,158	\$ 468,726	\$ 422,743	\$ 251,982	\$ 188,627	\$ 138,633	\$ 133,101	\$ 130,556	\$ 3,422,032
Total Resid.	\$ 2,048,277	\$ 3,019,897	\$ 4,712,114	\$ 6,539,586	\$ 7,501,174	\$ 6,642,710	\$ 6,092,744	\$ 3,743,929	\$ 2,847,859	\$ 2,112,029	\$ 1,940,268	\$ 1,947,165	\$ 49,147,752
G-41	\$ 639,934	\$ 866,012	\$ 1,329,324	\$ 1,845,424	\$ 2,116,677	\$ 1,896,072	\$ 1,728,486	\$ 1,145,681	\$ 872,510	\$ 667,785	\$ 634,584	\$ 626,868	\$ 14,369,358
G-42	\$ 493,300	\$ 786,658	\$ 1,192,054	\$ 1,689,567	\$ 1,895,734	\$ 1,646,593	\$ 1,484,906	\$ 999,164	\$ 710,642	\$ 502,140	\$ 435,741	\$ 430,853	\$ 12,267,352
G-43	\$ 88,677	\$ 90,189	\$ 387,205	\$ 482,174	\$ 556,009	\$ 457,992	\$ 419,430	\$ 264,634	\$ 132,900	\$ 88,085	\$ 76,627	\$ 74,662	\$ 3,118,584
G-51	\$ 117,144	\$ 137,262	\$ 153,583	\$ 173,920	\$ 178,445	\$ 160,626	\$ 157,868	\$ 131,160	\$ 128,557	\$ 110,508	\$ 118,379	\$ 120,531	\$ 1,687,983
G-52	\$ 143,140	\$ 178,850	\$ 254,475	\$ 280,270	\$ 280,973	\$ 258,723	\$ 252,859	\$ 211,546	\$ 157,870	\$ 137,540	\$ 141,230	\$ 147,704	\$ 2,445,180
G-53	\$ 77,295	\$ 98,243	\$ 174,505	\$ 221,042	\$ 185,617	\$ 175,751	\$ 183,715	\$ 155,338	\$ 87,153	\$ 71,397	\$ 75,116	\$ 78,952	\$ 1,584,123
G-54	\$ 74,606	\$ 90,348	\$ 117,454	\$ 140,483	\$ 126,627	\$ 96,329	\$ 83,977	\$ 92,060	\$ 57,331	\$ 64,559	\$ 68,417	\$ 73,272	\$ 1,085,462
Total C/I	\$ 1,634,096	\$ 2,247,562	\$ 3,608,600	\$ 4,832,881	\$ 5,340,282	\$ 4,692,086	\$ 4,311,241	\$ 2,999,583	\$ 2,146,964	\$ 1,642,014	\$ 1,550,094	\$ 1,552,841	\$ 36,558,043
Total All	\$ 3,682,373	\$ 5,267,459	\$ 8,320,714	\$ 11,372,466	\$ 12,841,256	\$ 11,334,797	\$ 10,403,985	\$ 6,743,511	\$ 4,994,823	\$ 3,754,043	\$ 3,490,362	\$ 3,500,006	\$ 85,705,796

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Docket DG 20-_____
Revenue Decoupling Adjustment Factor

	(1)	(2)	(3)
Residential Revenue Decoupling Adjustment Factor			
1. Allowed Base Revenue	\$ 47,055,148		
2. less: Actual and Estimated Base Revenue	<u>50,205,891</u>		
3. Revenue Deficiency / (Excess)		\$ (3,150,744)	
4. divided by: Forecasted Residential Sales		<u>63,612,499</u>	
5. Residential Revenue Decoupling Adjustment Factor			<u>\$ (0.0495)</u>
 Commercial Revenue Decoupling Adjustment Factor			
6. Allowed Base Revenue	\$ 36,558,043		
7. less: Actual and Estimated Base Revenue	<u>38,373,247</u>		
8. Revenue Deficiency / (Excess)		\$ (1,815,203)	
9. divided by: Forecasted Commercial Sales		<u>111,244,381</u>	
10. Commercial Revenue Decoupling Adjustment Factor			<u>\$ (0.0163)</u>
 11. TOTAL Revenue Deficiency / (Excess)		 <u>\$ (4,965,947)</u>	

Liberty Utilities (EnergyNorth Natural Gas) Corp.
Docket DG 20-_____
Revenue Decoupling Adjustment Factor
Allowed Decoupling Year Revenues

EnergyNorth Natural Gas Inc

2019-20 Customers (Equivalent Bills)

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19	S&T Total
R-1	3,497	3,611	3,503	3,627	3,630	3,403	3,645	3,520	3,633	3,514	3,605	3,613	42,801
R-3	72,511	75,302	73,218	76,274	76,471	71,695	76,753	74,366	76,831	73,589	74,635	74,652	896,299
R-4	5,314	5,687	5,939	5,943	5,921	5,522	5,814	5,486	5,610	5,356	5,713	5,574	67,879
Total Resid.	81,322	84,600	82,660	85,844	86,022	80,620	86,212	83,372	86,074	82,459	83,953	83,840	1,006,979
G-41	8,868	9,414	9,424	9,851	9,899	9,280	9,918	9,534	9,722	9,135	9,210	9,149	113,403
G-42	1,409	1,467	1,434	1,483	1,487	1,394	1,492	1,442	1,486	1,419	1,441	1,457	17,411
G-43	56	59	58	64	63	59	63	61	63	60	59	56	721
G-51	1,306	1,353	1,311	1,350	1,347	1,260	1,346	1,298	1,340	1,272	1,345	1,357	15,886
G-52	392	409	401	417	419	393	421	406	419	402	401	406	4,886
G-53	33	34	33	34	34	32	34	33	34	33	34	33	402
G-54	26	27	26	28	29	26	29	28	28	27	28	27	329
Total C/I	12,091	12,763	12,687	13,226	13,279	12,443	13,302	12,802	13,092	12,348	12,519	12,485	153,037
Total All	93,413	97,363	95,347	99,070	99,300	93,063	99,514	96,174	99,166	94,807	96,472	96,325	1,160,016

2019-20 Benchmark Base Revenue Per Bill

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19
R-1	\$ 18,859	\$ 20,743	\$ 23,630	\$ 25,588	\$ 26,326	\$ 26,064	\$ 24,359	\$ 21,665	\$ 20,932	\$ 19,551	\$ 18,941	\$ 18,879
R-3	\$ 25,472	\$ 36,363	\$ 58,483	\$ 78,412	\$ 89,883	\$ 84,877	\$ 72,716	\$ 45,931	\$ 33,622	\$ 25,883	\$ 23,299	\$ 23,420
R-4	\$ 9,916	\$ 14,057	\$ 22,321	\$ 29,930	\$ 33,822	\$ 31,446	\$ 28,720	\$ 19,784	\$ 13,134	\$ 10,516	\$ 9,417	\$ 9,531
G-41	\$ 72,158	\$ 91,992	\$ 141,061	\$ 187,336	\$ 213,824	\$ 204,320	\$ 174,282	\$ 120,172	\$ 89,749	\$ 73,104	\$ 68,903	\$ 68,518
G-42	\$ 350,138	\$ 536,208	\$ 831,437	\$ 1,139,248	\$ 1,275,090	\$ 1,181,586	\$ 995,503	\$ 692,940	\$ 478,158	\$ 353,842	\$ 302,305	\$ 295,617
G-43	\$ 1,571,363	\$ 1,527,764	\$ 6,630,216	\$ 7,593,280	\$ 8,769,856	\$ 7,718,973	\$ 6,633,048	\$ 4,338,262	\$ 2,120,739	\$ 1,477,930	\$ 1,300,970	\$ 1,336,424
G-51	\$ 89,704	\$ 101,446	\$ 117,110	\$ 128,843	\$ 132,447	\$ 127,517	\$ 117,280	\$ 101,009	\$ 95,963	\$ 86,858	\$ 87,995	\$ 88,807
G-52	\$ 364,914	\$ 437,330	\$ 635,041	\$ 672,436	\$ 670,683	\$ 657,599	\$ 601,232	\$ 521,003	\$ 376,781	\$ 342,142	\$ 352,146	\$ 363,849
G-53	\$ 2,344,638	\$ 2,881,035	\$ 5,288,039	\$ 6,482,182	\$ 5,443,345	\$ 5,509,426	\$ 5,382,287	\$ 4,702,462	\$ 2,553,307	\$ 2,163,553	\$ 2,187,837	\$ 2,390,070
G-54	\$ 2,869,470	\$ 3,362,856	\$ 4,517,444	\$ 5,041,273	\$ 4,376,519	\$ 3,774,254	\$ 2,908,047	\$ 3,287,867	\$ 2,028,236	\$ 2,391,070	\$ 2,406,224	\$ 2,727,255

2019-20 Allowed Base Revenue

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19	S&T Total
R-1	\$ 65,957	\$ 74,907	\$ 82,768	\$ 92,799	\$ 95,563	\$ 88,684	\$ 88,792	\$ 76,262	\$ 76,047	\$ 68,708	\$ 68,278	\$ 68,211	\$ 946,976
R-3	\$ 1,846,975	\$ 2,738,202	\$ 4,282,002	\$ 5,980,759	\$ 6,873,453	\$ 6,085,300	\$ 5,581,209	\$ 3,415,684	\$ 2,583,185	\$ 1,904,687	\$ 1,738,889	\$ 1,748,397	\$ 44,778,744
R-4	\$ 52,692	\$ 79,937	\$ 132,570	\$ 177,882	\$ 200,249	\$ 173,658	\$ 166,968	\$ 108,535	\$ 73,683	\$ 56,324	\$ 53,796	\$ 53,132	\$ 1,329,427
Total Resid.	\$ 1,965,623	\$ 2,893,046	\$ 4,497,340	\$ 6,251,440	\$ 7,169,264	\$ 6,347,643	\$ 5,836,969	\$ 3,600,482	\$ 2,732,916	\$ 2,029,720	\$ 1,860,963	\$ 1,869,741	\$ 47,055,148
G-41	\$ 639,934	\$ 866,012	\$ 1,329,324	\$ 1,845,424	\$ 2,116,677	\$ 1,896,072	\$ 1,728,486	\$ 1,145,681	\$ 872,510	\$ 667,785	\$ 634,584	\$ 626,868	\$ 14,369,358
G-42	\$ 493,300	\$ 786,658	\$ 1,192,054	\$ 1,689,567	\$ 1,895,734	\$ 1,646,593	\$ 1,484,906	\$ 999,164	\$ 710,642	\$ 502,140	\$ 435,741	\$ 430,853	\$ 12,267,352
G-43	\$ 88,677	\$ 90,189	\$ 387,205	\$ 482,174	\$ 556,009	\$ 457,992	\$ 419,430	\$ 264,634	\$ 132,900	\$ 88,085	\$ 76,627	\$ 74,662	\$ 3,118,584
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G-52	\$ 143,140	\$ 178,850	\$ 254,475	\$ 280,270	\$ 280,973	\$ 258,723	\$ 252,859	\$ 211,546	\$ 157,870	\$ 137,540	\$ 141,230	\$ 147,704	\$ 2,445,180
G-53	\$ 77,295	\$ 98,243	\$ 174,505	\$ 221,042	\$ 185,617	\$ 175,751	\$ 183,715	\$ 155,338	\$ 87,153	\$ 71,397	\$ 75,116	\$ 78,952	\$ 1,584,123
G-54	\$ 74,606	\$ 90,348	\$ 117,454	\$ 140,483	\$ 126,627	\$ 96,329	\$ 83,977	\$ 92,060	\$ 57,331	\$ 64,559	\$ 68,417	\$ 73,272	\$ 1,085,462
Total C/I	\$ 1,634,096	\$ 2,247,562	\$ 3,608,600	\$ 4,832,881	\$ 5,340,082	\$ 4,692,086	\$ 4,311,241	\$ 2,999,583	\$ 2,146,964	\$ 1,642,014	\$ 1,550,094	\$ 1,552,841	\$ 36,558,043
Total All	\$ 3,599,719	\$ 5,140,608	\$ 8,105,940	\$ 11,084,321	\$ 12,509,347	\$ 11,039,729	\$ 10,148,210	\$ 6,600,065	\$ 4,879,879	\$ 3,671,734	\$ 3,411,057	\$ 3,422,582	\$ 83,613,191

Liberty Utilities (EnergyNorth Natural Gas) Corp.
Docket DG 20-_____
Revenue Decoupling Adjustment Factor
Actual and Estimated Decoupling Year Revenues

SALES AND TRANSPORT DATA

CUSTOMER COMPONENT

EnergyNorth Natural Gas Inc

2019-20 Customers (Equivalent Bills)

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19	S&T Total
R-1	3,497	3,611	3,503	3,627	3,630	3,403	3,645	3,520	3,633	3,514	3,605	3,613	42,801
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Total Resid.	81,322	84,600	82,660	85,844	86,022	80,620	86,212	83,372	86,074	82,459	83,953	83,840	1,006,979
G-41	8,868	9,414	9,424	9,851	9,899	9,280	9,918	9,534	9,722	9,135	9,210	9,149	113,403
G-42	1,409	1,467	1,434	1,483	1,487	1,394	1,492	1,442	1,486	1,419	1,441	1,457	17,411
G-43	56	59	58	64	63	59	63	61	63	60	59	56	721
G-51	1,306	1,353	1,311	1,350	1,347	1,260	1,346	1,298	1,340	1,272	1,345	1,357	15,886
G-52	392	409	401	417	419	393	421	406	419	402	401	406	4,886
G-53	33	34	33	34	34	32	34	33	34	33	34	33	402
G-54	26	27	26	28	29	26	29	28	28	27	28	27	329
Total C/I	12,091	12,763	12,687	13,226	13,279	12,443	13,302	12,802	13,092	12,348	12,519	12,485	153,037
Total All	93,413	97,363	95,347	99,070	99,300	93,063	99,514	96,174	99,166	94,807	96,472	96,325	1,160,016

2019-20 Customer Charge

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19
R-1	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.50	\$ 15.50
R-3	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.50	\$ 15.50
R-4	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.20	\$ 15.50	\$ 15.50
G-41	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 57.46	\$ 57.46
G-42	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 172.39	\$ 172.39
G-43	\$ 725.66	\$ 725.66	\$ 725.66	\$ 725.66	\$ 725.66	\$ 725.66	\$ 725.66	\$ 725.66	\$ 725.66	\$ 725.66	\$ 739.83	\$ 739.83
G-51	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 56.36	\$ 57.46	\$ 57.46
G-52	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 169.09	\$ 172.39	\$ 172.39
G-53	\$ 746.81	\$ 746.81	\$ 746.81	\$ 746.81	\$ 746.81	\$ 746.81	\$ 746.81	\$ 746.81	\$ 746.81	\$ 746.81	\$ 761.39	\$ 761.39
G-54	\$ 746.81	\$ 746.81	\$ 746.81	\$ 746.81	\$ 746.81	\$ 746.81	\$ 746.81	\$ 746.81	\$ 746.81	\$ 746.81	\$ 761.39	\$ 761.39

2019-20 Customer Revenue

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19	S&T Total
R-1	\$ 53,168	\$ 54,899	\$ 53,249	\$ 55,134	\$ 55,184	\$ 51,727	\$ 55,415	\$ 53,514	\$ 55,232	\$ 53,427	\$ 55,861	\$ 55,991	\$ 652,802
R-3	\$ 1,102,354	\$ 1,144,785	\$ 1,113,099	\$ 1,159,557	\$ 1,162,558	\$ 1,089,947	\$ 1,166,839	\$ 1,130,552	\$ 1,168,020	\$ 1,118,738	\$ 1,156,610	\$ 1,156,878	\$ 13,669,938
R-4	\$ 80,780	\$ 86,454	\$ 90,291	\$ 90,354	\$ 90,008	\$ 83,954	\$ 88,381	\$ 83,403	\$ 85,290	\$ 81,428	\$ 88,531	\$ 86,386	\$ 1,035,261
Total Resid.	\$ 1,236,302	\$ 1,286,137	\$ 1,256,640	\$ 1,305,045	\$ 1,307,750	\$ 1,225,629	\$ 1,310,636	\$ 1,267,470	\$ 1,308,543	\$ 1,253,592	\$ 1,301,003	\$ 1,299,256	\$ 15,358,001
G-41	\$ 499,798	\$ 530,542	\$ 531,092	\$ 555,163	\$ 557,883	\$ 522,986	\$ 558,932	\$ 537,287	\$ 547,879	\$ 514,803	\$ 529,200	\$ 525,705	\$ 6,411,269
G-42	\$ 238,226	\$ 248,068	\$ 242,429	\$ 250,770	\$ 251,394	\$ 235,635	\$ 252,217	\$ 243,814	\$ 251,303	\$ 239,957	\$ 248,486	\$ 251,256	\$ 2,953,556
G-43	\$ 40,952	\$ 42,838	\$ 42,379	\$ 46,080	\$ 46,007	\$ 43,056	\$ 45,886	\$ 44,265	\$ 45,475	\$ 43,250	\$ 43,576	\$ 41,332	\$ 525,095
G-51	\$ 73,596	\$ 76,253	\$ 73,908	\$ 76,074	\$ 75,929	\$ 70,989	\$ 75,860	\$ 73,179	\$ 75,498	\$ 71,702	\$ 77,302	\$ 77,987	\$ 898,278
G-52	\$ 66,327	\$ 69,151	\$ 67,758	\$ 70,476	\$ 70,838	\$ 66,526	\$ 71,114	\$ 68,657	\$ 70,848	\$ 67,974	\$ 69,139	\$ 69,982	\$ 828,790
G-53	\$ 24,620	\$ 25,466	\$ 24,645	\$ 25,466	\$ 25,466	\$ 23,823	\$ 25,491	\$ 24,669	\$ 25,491	\$ 24,645	\$ 26,141	\$ 25,151	\$ 301,074
G-54	\$ 19,417	\$ 20,064	\$ 19,417	\$ 20,811	\$ 21,607	\$ 19,060	\$ 21,566	\$ 20,911	\$ 21,110	\$ 20,164	\$ 21,649	\$ 20,456	\$ 246,232
Total C/I	\$ 962,935	\$ 1,012,382	\$ 1,001,628	\$ 1,044,840	\$ 1,049,125	\$ 982,075	\$ 1,051,066	\$ 1,012,782	\$ 1,037,604	\$ 982,494	\$ 1,015,492	\$ 1,011,869	\$ 12,164,293
Total All	\$ 2,199,237	\$ 2,298,519	\$ 2,258,268	\$ 2,349,885	\$ 2,356,875	\$ 2,207,704	\$ 2,361,701	\$ 2,280,252	\$ 2,346,147	\$ 2,236,086	\$ 2,316,495	\$ 2,311,125	\$ 27,522,294

Liberty Utilities (Energy/North Natural Gas) Corp.
Docket DG 20-_____
Revenue Decoupling Adjustment Factor
Actual and Estimated Decoupling Year Revenues

ENERGY COMPONENT

HEADBLOCK

2019-20 Decoupling Year Weather Normalized Volume Headblock

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19	S&T Total
R-1	36,731	48,388	69,360	92,468	104,854	92,558	89,084	67,481	52,537	39,414	33,122	33,964	759,961
R-3	1,280,794	2,898,865	6,121,788	9,184,431	10,850,958	9,128,626	7,762,529	4,580,874	2,576,646	1,261,056	997,806	1,016,132	57,660,505
R-4	93,668	213,998	481,354	694,312	815,920	691,531	582,047	338,974	192,040	94,713	78,973	78,238	4,355,768
Total Resid.	1,411,193	3,161,252	6,672,502	9,971,211	11,771,732	9,912,715	8,433,660	4,987,329	2,821,223	1,395,183	1,109,901	1,128,334	62,776,234
G-41	74,799	209,649	733,442	893,521	873,653	830,230	759,572	608,019	194,465	69,054	56,478	58,580	5,361,461
G-42	329,468	610,332	1,346,658	1,506,100	1,457,141	1,398,849	1,372,481	1,201,362	558,194	290,156	250,065	269,471	10,590,277
G-43	340,995	636,413	1,151,415	1,659,544	1,906,071	1,685,067	1,483,942	985,854	612,022	315,153	280,486	298,376	11,355,337
G-51	79,183	82,502	91,524	96,336	93,497	89,808	86,858	79,485	73,811	74,090	79,240	82,164	1,008,498
G-52	326,367	348,508	388,555	406,464	393,850	378,934	353,154	305,641	281,593	287,617	324,745	340,851	4,136,279
G-53	647,891	784,055	911,462	1,063,920	1,182,334	1,094,828	997,437	851,193	671,329	607,780	663,087	697,645	10,172,962
G-54	1,645,786	1,690,625	1,568,828	1,319,924	1,350,879	1,270,260	1,165,460	1,369,310	1,245,619	1,299,608	1,786,988	1,783,439	17,496,726
Total C/I	3,444,489	4,362,084	6,191,884	6,945,808	7,257,425	6,747,976	6,218,905	5,400,863	3,637,033	2,943,458	3,441,088	3,530,527	60,121,539
Total All	4,855,682	7,523,336	12,864,386	16,917,019	19,029,157	16,660,691	14,652,565	10,388,192	6,458,256	4,338,641	4,550,988	4,658,861	122,897,773

2019-20 Headblock Charge

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19
R-1	\$ 0.3786	\$ 0.3786	\$ 0.3786	\$ 0.3786	\$ 0.3786	\$ 0.3786	\$ 0.3786	\$ 0.3786	\$ 0.3786	\$ 0.3786	\$ 0.3860	\$ 0.3860
R-3	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5678	\$ 0.5678
R-4	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5678	\$ 0.5678
G-41	\$ 0.4621	\$ 0.4621	\$ 0.4621	\$ 0.4621	\$ 0.4621	\$ 0.4621	\$ 0.4621	\$ 0.4621	\$ 0.4621	\$ 0.4621	\$ 0.4711	\$ 0.4711
G-42	\$ 0.4202	\$ 0.4202	\$ 0.4202	\$ 0.4202	\$ 0.4202	\$ 0.4202	\$ 0.4202	\$ 0.4202	\$ 0.4202	\$ 0.4202	\$ 0.4284	\$ 0.4284
G-43	\$ 0.1181	\$ 0.1181	\$ 0.2583	\$ 0.2583	\$ 0.2583	\$ 0.2583	\$ 0.2583	\$ 0.2583	\$ 0.1181	\$ 0.1181	\$ 0.1204	\$ 0.1204
G-51	\$ 0.2785	\$ 0.2785	\$ 0.2785	\$ 0.2785	\$ 0.2785	\$ 0.2785	\$ 0.2785	\$ 0.2785	\$ 0.2785	\$ 0.2785	\$ 0.2839	\$ 0.2839
G-52	\$ 0.1733	\$ 0.1733	\$ 0.2392	\$ 0.2392	\$ 0.2392	\$ 0.2392	\$ 0.2392	\$ 0.2392	\$ 0.1733	\$ 0.1733	\$ 0.1767	\$ 0.1767
G-53	\$ 0.0802	\$ 0.0802	\$ 0.1672	\$ 0.1672	\$ 0.1672	\$ 0.1672	\$ 0.1672	\$ 0.1672	\$ 0.0802	\$ 0.0802	\$ 0.0818	\$ 0.0818
G-54	\$ 0.0346	\$ 0.0346	\$ 0.0638	\$ 0.0638	\$ 0.0638	\$ 0.0638	\$ 0.0638	\$ 0.0638	\$ 0.0346	\$ 0.0346	\$ 0.0353	\$ 0.0353

2019-20 Decoupling Year Weather Normalized Volume Headblock Revenue

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19	S&T Total
R-1	\$ 13,908	\$ 18,322	\$ 26,263	\$ 35,013	\$ 39,703	\$ 35,047	\$ 33,731	\$ 25,551	\$ 19,893	\$ 14,924	\$ 12,785	\$ 13,110	\$ 288,249
R-3	\$ 713,256	\$ 1,614,337	\$ 3,409,139	\$ 5,114,682	\$ 6,042,748	\$ 5,083,604	\$ 4,322,844	\$ 2,551,025	\$ 1,434,898	\$ 702,264	\$ 566,530	\$ 576,935	\$ 32,132,263
R-4	\$ 52,163	\$ 119,173	\$ 268,059	\$ 386,652	\$ 454,374	\$ 385,104	\$ 324,134	\$ 188,770	\$ 106,944	\$ 52,744	\$ 44,839	\$ 44,422	\$ 2,427,378
Total Resid.	\$ 779,327	\$ 1,751,832	\$ 3,703,461	\$ 5,536,347	\$ 6,536,825	\$ 5,503,755	\$ 4,680,710	\$ 2,765,346	\$ 1,561,735	\$ 769,933	\$ 624,154	\$ 634,466	\$ 34,847,890
G-41	\$ 34,568	\$ 96,889	\$ 338,959	\$ 412,939	\$ 403,757	\$ 383,690	\$ 351,035	\$ 280,995	\$ 89,872	\$ 31,913	\$ 26,608	\$ 27,599	\$ 2,478,824
G-42	\$ 138,458	\$ 256,489	\$ 565,927	\$ 632,932	\$ 612,357	\$ 587,860	\$ 576,779	\$ 504,867	\$ 234,579	\$ 121,937	\$ 107,129	\$ 115,443	\$ 4,454,756
G-43	\$ 40,278	\$ 75,172	\$ 297,412	\$ 428,662	\$ 492,340	\$ 435,255	\$ 383,304	\$ 254,647	\$ 172,291	\$ 37,225	\$ 33,772	\$ 35,926	\$ 2,586,285
G-51	\$ 22,056	\$ 22,980	\$ 25,494	\$ 26,834	\$ 26,043	\$ 25,016	\$ 24,194	\$ 22,140	\$ 20,560	\$ 20,637	\$ 22,499	\$ 23,329	\$ 281,782
G-52	\$ 56,553	\$ 60,390	\$ 92,931	\$ 97,215	\$ 94,198	\$ 90,630	\$ 84,464	\$ 73,101	\$ 48,795	\$ 49,838	\$ 57,377	\$ 60,223	\$ 865,715
G-53	\$ 51,937	\$ 62,852	\$ 152,403	\$ 177,895	\$ 197,695	\$ 183,063	\$ 166,779	\$ 142,326	\$ 53,815	\$ 48,721	\$ 54,218	\$ 57,044	\$ 1,348,749
G-54	\$ 56,970	\$ 58,522	\$ 100,037	\$ 84,166	\$ 86,140	\$ 80,999	\$ 74,316	\$ 87,315	\$ 43,118	\$ 44,987	\$ 63,037	\$ 62,912	\$ 842,518
Total C/I	\$ 400,819	\$ 633,294	\$ 1,573,163	\$ 1,860,643	\$ 1,912,530	\$ 1,786,513	\$ 1,660,872	\$ 1,365,391	\$ 563,029	\$ 355,259	\$ 364,641	\$ 382,477	\$ 12,858,630
Total All	\$ 1,180,145	\$ 2,385,126	\$ 5,276,624	\$ 7,396,990	\$ 8,449,355	\$ 7,290,268	\$ 6,341,581	\$ 4,130,737	\$ 2,124,764	\$ 1,125,191	\$ 988,795	\$ 1,016,943	\$ 47,706,520

Liberty Utilities (Energy/Natural Gas) Corp.
Docket DG 20-_____
Revenue Decoupling Adjustment Factor
Actual and Estimated Decoupling Year Revenues

TAILBLOCK

2019-20 Decoupling Year Weather Normalized Volume Tailblock

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19	S&T Total
R-1	-	-	-	-	-	-	-	-	-	-	-	-	-
R-3	-	-	-	-	-	-	-	-	-	-	-	-	-
R-4	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Resid.	-	-	-	-	-	-	-	-	-	-	-	-	-
G-41	277,772	809,829	1,851,896	3,226,174	4,035,398	3,265,464	2,506,133	1,109,761	638,769	232,279	178,925	182,811	18,315,211
G-42	443,620	1,147,212	2,345,406	4,047,790	4,989,598	4,016,550	3,161,515	1,355,483	784,627	274,034	252,166	266,614	23,084,615
G-43	-	-	-	-	-	-	-	-	-	-	-	-	-
G-51	175,101	203,971	275,989	357,064	393,882	355,701	276,025	183,551	149,408	131,432	152,609	176,304	2,831,038
G-52	262,870	354,834	507,742	669,104	768,970	678,576	470,278	289,301	199,161	179,551	217,018	240,158	4,837,564
G-53	-	-	-	-	-	-	-	-	-	-	-	-	-
G-54	-	-	-	-	-	-	-	-	-	-	-	-	-
Total C/I	1,159,363	2,515,846	4,981,033	8,300,132	10,187,848	8,316,290	6,413,950	2,938,096	1,771,966	817,297	800,719	865,888	49,068,428
Total All	1,159,363	2,515,846	4,981,033	8,300,132	10,187,848	8,316,290	6,413,950	2,938,096	1,771,966	817,297	800,719	865,888	49,068,428

2019-20 Tailblock Charge

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19
R-1	\$ 0.3786	\$ 0.3786	\$ 0.3786	\$ 0.3786	\$ 0.3786	\$ 0.3786	\$ 0.3786	\$ 0.3786	\$ 0.3786	\$ 0.3786	\$ 0.3860	\$ 0.3860
R-3	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5678	\$ 0.5678
R-4	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5569	\$ 0.5678	\$ 0.5678
G-41	\$ 0.3104	\$ 0.3104	\$ 0.3104	\$ 0.3104	\$ 0.3104	\$ 0.3104	\$ 0.3104	\$ 0.3104	\$ 0.3104	\$ 0.3104	\$ 0.3165	\$ 0.3165
G-42	\$ 0.2800	\$ 0.2800	\$ 0.2800	\$ 0.2800	\$ 0.2800	\$ 0.2800	\$ 0.2800	\$ 0.2800	\$ 0.2800	\$ 0.2800	\$ 0.2855	\$ 0.2855
G-43	\$ 0.1181	\$ 0.1181	\$ 0.2583	\$ 0.2583	\$ 0.2583	\$ 0.2583	\$ 0.2583	\$ 0.2583	\$ 0.1181	\$ 0.1181	\$ 0.1204	\$ 0.1204
G-51	\$ 0.1811	\$ 0.1811	\$ 0.1811	\$ 0.1811	\$ 0.1811	\$ 0.1811	\$ 0.1811	\$ 0.1811	\$ 0.1811	\$ 0.1811	\$ 0.1846	\$ 0.1846
G-52	\$ 0.0985	\$ 0.0985	\$ 0.1593	\$ 0.1593	\$ 0.1593	\$ 0.1593	\$ 0.1593	\$ 0.1593	\$ 0.0985	\$ 0.0985	\$ 0.1004	\$ 0.1004
G-53	\$ 0.0802	\$ 0.0802	\$ 0.1672	\$ 0.1672	\$ 0.1672	\$ 0.1672	\$ 0.1672	\$ 0.1672	\$ 0.0802	\$ 0.0802	\$ 0.0818	\$ 0.0818
G-54	\$ 0.0346	\$ 0.0346	\$ 0.0638	\$ 0.0638	\$ 0.0638	\$ 0.0638	\$ 0.0638	\$ 0.0638	\$ 0.0346	\$ 0.0346	\$ 0.0353	\$ 0.0353

2019-20 Decoupling Year Weather Normalized Volume Tailblock Revenue

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19	S&T Total
R-1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
R-3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
R-4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Resid.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G-41	\$ 86,228	\$ 251,393	\$ 574,879	\$ 1,001,492	\$ 1,252,697	\$ 1,013,688	\$ 777,972	\$ 344,500	\$ 198,291	\$ 72,106	\$ 56,623	\$ 57,853	\$ 5,687,720
G-42	\$ 124,197	\$ 321,175	\$ 656,623	\$ 1,133,224	\$ 1,396,894	\$ 1,124,478	\$ 885,102	\$ 379,483	\$ 219,665	\$ 76,719	\$ 71,985	\$ 76,110	\$ 6,465,655
G-43	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G-51	\$ 31,706	\$ 36,934	\$ 49,974	\$ 64,655	\$ 71,322	\$ 64,408	\$ 49,981	\$ 33,236	\$ 27,054	\$ 23,799	\$ 28,177	\$ 32,552	\$ 513,799
G-52	\$ 25,888	\$ 34,945	\$ 80,890	\$ 106,597	\$ 122,507	\$ 108,106	\$ 74,921	\$ 46,089	\$ 19,614	\$ 17,683	\$ 21,794	\$ 24,118	\$ 683,150
G-53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
G-54	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total C/I	\$ 268,019	\$ 644,446	\$ 1,362,366	\$ 2,305,968	\$ 2,843,419	\$ 2,310,681	\$ 1,787,975	\$ 803,308	\$ 464,624	\$ 190,306	\$ 178,579	\$ 190,632	\$ 13,350,324
Total All	\$ 268,019	\$ 644,446	\$ 1,362,366	\$ 2,305,968	\$ 2,843,419	\$ 2,310,681	\$ 1,787,975	\$ 803,308	\$ 464,624	\$ 190,306	\$ 178,579	\$ 190,632	\$ 13,350,324

Liberty Utilities (EnergyNorth Natural Gas) Corp.
Docket DG 20-_____
Revenue Decoupling Adjustment Factor
Actual and Estimated Decoupling Year Revenues

HEADBLOCK + TAILBLOCK

2019-20 Decoupling Year Weather Normalized Volume Headblock + Tailblock

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19	S&T Total
R-1	36,731	48,388	69,360	92,468	104,854	92,558	89,084	67,481	52,537	39,414	33,122	33,964	759,961
R-3	1,280,794	2,898,865	6,121,788	9,184,431	10,850,958	9,128,626	7,762,529	4,580,874	2,576,646	1,261,056	997,806	1,016,132	57,660,505
R-4	93,668	213,998	481,354	694,312	815,920	691,531	582,047	338,974	192,040	94,713	78,973	78,238	4,355,768
Total Resid.	1,411,193	3,161,252	6,672,502	9,971,211	11,771,732	9,912,715	8,433,660	4,987,329	2,821,223	1,395,183	1,109,901	1,128,334	62,776,234
G-41	352,570	1,019,478	2,585,337	4,119,695	4,909,051	4,095,694	3,265,706	1,717,780	833,234	301,334	235,403	241,391	23,676,672
G-42	773,089	1,757,544	3,692,064	5,553,890	6,446,739	5,415,399	4,533,996	2,556,844	1,342,821	564,190	502,231	536,086	33,674,892
G-43	340,995	636,413	1,151,415	1,659,544	1,906,071	1,685,067	1,483,942	985,854	612,022	315,153	280,486	298,376	11,355,337
G-51	254,284	286,473	367,513	453,400	487,379	445,509	362,883	263,036	223,219	205,522	231,849	258,468	3,839,535
G-52	589,237	703,342	896,297	1,075,568	1,162,819	1,057,510	823,431	594,942	480,755	467,168	541,763	581,009	8,973,842
G-53	647,891	784,055	911,462	1,063,920	1,182,334	1,094,828	997,437	851,193	671,329	607,780	663,087	697,645	10,172,962
G-54	1,645,786	1,690,625	1,568,828	1,319,924	1,350,879	1,270,260	1,165,460	1,369,310	1,245,619	1,299,608	1,786,988	1,783,439	17,496,726
Total C/I	4,603,853	6,877,930	11,172,917	15,245,940	17,445,273	15,064,266	12,632,855	8,338,958	5,408,999	3,760,755	4,241,806	4,396,414	109,189,967
Total All	6,015,045	10,039,182	17,845,419	25,217,151	29,217,005	24,976,981	21,066,515	13,326,287	8,230,222	5,155,938	5,351,707	5,524,748	171,966,201

2019-20 Decoupling Year Weather Normalized Volume Headblock + Tailblock Revenue

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19	S&T Total
R-1	\$ 13,908	\$ 18,322	\$ 26,263	\$ 35,013	\$ 39,703	\$ 35,047	\$ 33,731	\$ 25,551	\$ 19,893	\$ 14,924	\$ 12,785	\$ 13,110	\$ 288,249
R-3	\$ 713,256	\$ 1,614,337	\$ 3,409,139	\$ 5,114,682	\$ 6,042,748	\$ 5,083,604	\$ 4,322,844	\$ 2,551,025	\$ 1,434,898	\$ 702,264	\$ 566,530	\$ 576,935	\$ 32,132,263
R-4	\$ 52,163	\$ 119,173	\$ 268,059	\$ 386,652	\$ 454,374	\$ 385,104	\$ 324,134	\$ 188,770	\$ 106,944	\$ 52,744	\$ 44,839	\$ 44,422	\$ 2,427,378
Total Resid.	\$ 779,327	\$ 1,751,832	\$ 3,703,461	\$ 5,536,347	\$ 6,536,825	\$ 5,503,755	\$ 4,680,710	\$ 2,765,346	\$ 1,561,735	\$ 769,933	\$ 624,154	\$ 634,466	\$ 34,847,890
G-41	\$ 120,796	\$ 348,282	\$ 913,838	\$ 1,414,431	\$ 1,656,454	\$ 1,397,378	\$ 1,129,007	\$ 625,495	\$ 288,163	\$ 104,019	\$ 83,231	\$ 85,451	\$ 8,166,544
G-42	\$ 262,654	\$ 577,664	\$ 1,222,550	\$ 1,766,156	\$ 2,009,251	\$ 1,712,338	\$ 1,461,881	\$ 884,350	\$ 454,244	\$ 198,656	\$ 179,115	\$ 191,553	\$ 10,920,411
G-43	\$ 40,278	\$ 75,172	\$ 297,412	\$ 428,662	\$ 492,340	\$ 435,255	\$ 383,304	\$ 254,647	\$ 72,291	\$ 37,225	\$ 33,772	\$ 35,926	\$ 2,586,285
G-51	\$ 53,762	\$ 59,914	\$ 75,468	\$ 91,489	\$ 97,365	\$ 89,424	\$ 74,175	\$ 55,376	\$ 47,613	\$ 44,436	\$ 50,677	\$ 55,882	\$ 795,581
G-52	\$ 82,441	\$ 95,334	\$ 173,821	\$ 203,811	\$ 216,704	\$ 198,736	\$ 159,386	\$ 119,190	\$ 68,408	\$ 67,521	\$ 79,171	\$ 84,341	\$ 1,548,865
G-53	\$ 51,937	\$ 62,852	\$ 152,403	\$ 177,895	\$ 197,695	\$ 183,063	\$ 166,779	\$ 142,326	\$ 53,815	\$ 48,721	\$ 54,218	\$ 57,044	\$ 1,348,749
G-54	\$ 56,970	\$ 58,522	\$ 100,037	\$ 84,166	\$ 86,140	\$ 80,999	\$ 74,316	\$ 87,315	\$ 43,118	\$ 44,987	\$ 63,037	\$ 62,912	\$ 842,518
Total C/I	\$ 668,838	\$ 1,277,740	\$ 2,935,529	\$ 4,166,611	\$ 4,755,950	\$ 4,097,193	\$ 3,448,847	\$ 2,168,699	\$ 1,027,653	\$ 545,565	\$ 543,221	\$ 573,109	\$ 26,208,954
Total All	\$ 1,448,164	\$ 3,029,573	\$ 6,638,990	\$ 9,702,957	\$ 11,292,774	\$ 9,600,948	\$ 8,129,557	\$ 4,934,045	\$ 2,589,388	\$ 1,315,498	\$ 1,167,374	\$ 1,207,575	\$ 61,056,844

TOTAL REVENUE

2019-20 Decoupling Year Weather Normalized Base Revenue

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19	S&T Total
R-1	\$ 67,076	\$ 73,221	\$ 79,512	\$ 90,147	\$ 94,887	\$ 86,774	\$ 89,147	\$ 79,066	\$ 75,125	\$ 68,351	\$ 68,646	\$ 69,101	\$ 941,051
R-3	\$ 1,815,610	\$ 2,759,122	\$ 4,522,238	\$ 6,274,239	\$ 7,205,306	\$ 6,173,552	\$ 5,489,684	\$ 3,681,577	\$ 2,602,918	\$ 1,821,002	\$ 1,723,140	\$ 1,733,813	\$ 45,802,201
R-4	\$ 132,942	\$ 205,627	\$ 358,351	\$ 477,006	\$ 544,382	\$ 469,058	\$ 412,515	\$ 272,173	\$ 192,234	\$ 134,172	\$ 133,370	\$ 130,808	\$ 3,462,639
Total Resid.	\$ 2,015,628	\$ 3,037,969	\$ 4,960,101	\$ 6,841,392	\$ 7,844,574	\$ 6,729,384	\$ 5,991,345	\$ 4,032,816	\$ 2,870,278	\$ 2,023,525	\$ 1,925,156	\$ 1,933,722	\$ 50,205,891
G-41	\$ 620,594	\$ 878,823	\$ 1,444,929	\$ 1,969,594	\$ 2,214,338	\$ 1,920,364	\$ 1,687,938	\$ 1,162,782	\$ 836,042	\$ 618,822	\$ 612,431	\$ 611,156	\$ 14,577,813
G-42	\$ 500,881	\$ 825,732	\$ 1,464,979	\$ 2,016,926	\$ 2,260,645	\$ 1,947,973	\$ 1,714,098	\$ 1,128,164	\$ 705,547	\$ 438,613	\$ 427,600	\$ 442,809	\$ 13,873,967
G-43	\$ 81,229	\$ 118,010	\$ 339,791	\$ 474,742	\$ 538,347	\$ 478,311	\$ 429,190	\$ 298,913	\$ 117,766	\$ 80,475	\$ 77,348	\$ 77,258	\$ 3,111,380
G-51	\$ 127,358	\$ 136,168	\$ 149,376	\$ 167,563	\$ 173,294	\$ 160,413	\$ 150,035	\$ 128,555	\$ 123,112	\$ 116,138	\$ 127,978	\$ 133,869	\$ 1,693,859
G-52	\$ 148,768	\$ 164,485	\$ 241,579	\$ 274,288	\$ 287,542	\$ 265,262	\$ 230,500	\$ 187,846	\$ 139,257	\$ 135,495	\$ 148,310	\$ 154,323	\$ 2,377,655
G-53	\$ 76,556	\$ 88,318	\$ 177,048	\$ 203,361	\$ 223,161	\$ 206,887	\$ 192,270	\$ 166,995	\$ 79,306	\$ 73,366	\$ 80,359	\$ 82,195	\$ 1,649,823
G-54	\$ 76,387	\$ 78,586	\$ 119,454	\$ 104,977	\$ 107,747	\$ 100,059	\$ 95,882	\$ 108,225	\$ 64,227	\$ 65,150	\$ 84,686	\$ 83,368	\$ 1,088,750
Total C/I	\$ 1,631,773	\$ 2,290,123	\$ 3,937,157	\$ 5,211,450	\$ 5,805,074	\$ 5,079,268	\$ 4,499,913	\$ 3,181,481	\$ 2,065,257	\$ 1,528,059	\$ 1,558,713	\$ 1,584,978	\$ 38,373,247
Total All	\$ 3,647,401	\$ 5,328,092	\$ 8,897,257	\$ 12,052,843	\$ 13,649,649	\$ 11,808,652	\$ 10,491,258	\$ 7,214,297	\$ 4,935,535	\$ 3,551,584	\$ 3,483,870	\$ 3,518,700	\$ 88,579,138

Liberty Utilities (EnergyNorth Natural Gas) Corp.
Docket DG 20-_____
Revenue Decoupling Adjustment Factor
Allowed Decoupling Year Revenues

EnergyNorth Natural Gas Inc

2019-20 Customers (Equivalent Bills)

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19	S&T Total
R-1	-	-	-	-	-	-	-	-	-	-	-	-	-
R-3	-	-	-	-	-	-	-	-	-	-	-	-	-
R-4	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Resid.	-	-	-	-	-	-	-	-	-	-	-	-	-
G-41	-	-	-	-	-	-	-	-	-	-	-	-	-
G-42	-	-	-	-	-	-	-	-	-	-	-	-	-
G-43	-	-	-	-	-	-	-	-	-	-	-	-	-
G-51	-	-	-	-	-	-	-	-	-	-	-	-	-
G-52	-	-	-	-	-	-	-	-	-	-	-	-	-
G-53	-	-	-	-	-	-	-	-	-	-	-	-	-
G-54	-	-	-	-	-	-	-	-	-	-	-	-	-
Total C/I	-	-	-	-	-	-	-	-	-	-	-	-	-
Total All	-	-	-	-	-	-	-	-	-	-	-	-	-

2019-20 Benchmark Base Revenue Per Bill

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19	
R-1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
R-3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
R-4	\$ (15,555)	\$ (22,306)	\$ (36,162)	\$ (48,482)	\$ (56,060)	\$ (53,431)	\$ (43,996)	\$ (26,147)	\$ (20,488)	\$ (15,367)	\$ (13,882)	\$ (13,889)	
G-41	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
G-42	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
G-43	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
G-51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
G-52	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
G-53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
G-54	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-

2019-20 Allowed Base Revenue

	S&T Sep-19	S&T Oct-19	S&T Nov-19	S&T Dec-19	S&T Jan-20	S&T Feb-20	S&T Mar-20	S&T Apr-20	S&T May-20	S&T Jun-20	S&T Jul-19	S&T Aug-19	S&T Total
R-1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
R-3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
R-4	\$ (82,654)	\$ (126,851)	\$ (214,774)	\$ (288,145)	\$ (331,909)	\$ (295,067)	\$ (255,775)	\$ (143,447)	\$ (114,944)	\$ (82,309)	\$ (79,305)	\$ (77,424)	\$ (2,092,605)
Total Resid.	\$ (82,654)	\$ (126,851)	\$ (214,774)	\$ (288,145)	\$ (331,909)	\$ (295,067)	\$ (255,775)	\$ (143,447)	\$ (114,944)	\$ (82,309)	\$ (79,305)	\$ (77,424)	\$ (2,092,605)
G-41	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
G-42	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
G-43	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
G-51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
G-52	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
G-53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
G-54	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Total C/I	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Total All	\$ (82,654)	\$ (126,851)	\$ (214,774)	\$ (288,145)	\$ (331,909)	\$ (295,067)	\$ (255,775)	\$ (143,447)	\$ (114,944)	\$ (82,309)	\$ (79,305)	\$ (77,424)	\$ (2,092,605)