Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
Peak 2024 – 2025 Winter Cost of Gas Filing
Annual Bill Comparisons, Nov 23 - Apr 24 Actual Rates vs Nov 24 - Apr 25

Non FPO Rate
November 1, 2024 - April 30, 2025
Residential Heating (R3)

			(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	**PROPOSED R-3**		**EST**	**EST**	**EST**	**EST**	**EST**	**EST**	**Winter**
2			**Nov-24**	**Dec-24**	**Jan-25**	**Feb-25**	**Mar-25**	**Apr-25**	**Nov-Apr**
3	**average Usage (Therms)**		84	118	137	131	104	66	640
4		11/1/23 - Current							
5	**Winter:**								
6	Cust. Chg		$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 100.56
7	Headblock	$ 0.6167							
8	Tailblock	$ 0.6167	$ 52.01	$ 73.04	$ 84.37	$ 80.54	$ 64.03	$ 40.68	$ 394.68
9	HB Threshold	-							
10									
11	Total Base Rate Amount		$ 68.77	$ 89.80	$ 101.13	$ 97.30	$ 80.79	$ 57.44	$ 495.24
12									
13	COG Rate - (Seasonal)		$ 0.6792	$ 0.6792	$ 0.6792	$ 0.6792	$ 0.6792	$ 0.6792	$ 0.6792
14	COG amount		$ 57.29	$ 80.44	$ 92.93	$ 88.70	$ 70.52	$ 44.81	$ 434.68
15									
16	LDAC		$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986
17	LDAC amount		$ 16.75	$ 23.52	$ 27.17	$ 25.94	$ 20.62	$ 13.10	$ 127.10
18									
19	**Total Bill**		**$ 142.81**	**$ 193.76**	**$ 221.23**	**$ 211.94**	**$ 171.92**	**$ 115.35**	**$ 1,057.01**

November 1, 2023 - April 30, 2024
Residential Heating (R3)

20	**CURRENT R-3**		**ACT**	**ACT**	**ACT**	**ACT**	**ACT**	**ACT**	**Winter**
21			**Nov-23**	**Dec-23**	**Jan-24**	**Feb-24**	**Mar-24**	**Apr-24**	**Nov-Apr**
22	**average Usage (Therms)**		84	118	137	131	104	66	640
23									
24	**Winter:**	11/1/23 - Current							
25	Cust. Chg		$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 100.56
26	Headblock	$ 0.6167							
27	Tailblock	$ 0.6167	$ 52.01	$ 73.04	$ 84.37	$ 80.54	$ 64.03	$ 40.68	$ 394.68
28	HB Threshold	-							
29									
30	Total Base Rate Amount		$ 68.77	$ 89.80	$ 101.13	$ 97.30	$ 80.79	$ 57.44	$ 495.24
31									
32	COG Rate - (Seasonal)		$ 0.7563	$ 0.7248	$ 0.6460	$ 0.6648	$ 0.5039	$ 0.3449	$ 0.6249
33	COG amount		$ 63.79	$ 85.84	$ 88.38	$ 86.82	$ 52.32	$ 22.75	$ 399.90
34									
35	LDAC		$ 0.1180	$ 0.1180	$ 0.1213	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1565
36	LDAC amount		$ 9.95	$ 13.98	$ 16.60	$ 25.94	$ 20.62	$ 13.10	$ 100.18
37									
38	**Total Bill**		**$ 142.51**	**$ 189.61**	**$ 206.11**	**$ 210.06**	**$ 153.72**	**$ 93.30**	**$ 995.32**

DIFFERENCE:

39	**Total Bill**	**$ 0.30**	**$4.15**	**$15.12**	**$1.88**	**$18.20**	**$22.05**	**$61.69**
40	% Change	**0.21%**	**2.19%**	**7.33%**	**0.90%**	**11.84%**	**23.64%**	**6.20%**
41									
42	**Base Rate**	$ -	$ -	$ -	$ -	$ -	$ -	$ -
43	% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
44									
45	**COG**	$ (6.50)	$ (5.40)	$ 4.54	$ 1.88	$ 18.20	$ 22.05	$ 34.77
46	% Change	-10.19%	-6.29%	5.14%	2.17%	34.79%	96.93%	8.70%
47									
48	**LDAC**	$ 6.80	$ 9.55	$ 10.58	$ -	$ -	$ -	$ 26.92
49	% Change	68.31%	68.31%	63.73%	0.00%	0.00%	0.00%	26.87%

Annual Bill Comparisons, Nov 23 - Apr 24 Actual Rates vs Nov 24 - Apr 25
FPO Rate
November 1, 2024 - April 30, 2025
Residential Heating (R3-FPO)

			(1)	(2)	(3)	(4)	(5)	(6)	(7)
50	**PROPOSED R-3 FPO**		**EST**	**EST**	**EST**	**EST**	**EST**	**EST**	**Winter**
51			**Nov-24**	**Dec-24**	**Jan-25**	**Feb-25**	**Mar-25**	**Apr-25**	**Nov-Apr**
52	**average Usage (Therms)**		84	118	137	131	104	66	640
53		11/1/23 - Current							
54	**Winter:**								
55	Cust. Chg		$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 100.56
56	Headblock	$ 0.6167							
57	Tailblock	$ 0.6167	$ 52.01	$ 73.04	$ 84.37	$ 80.54	$ 64.03	$ 40.68	$ 394.68
58	HB Threshold	-							
59									
60	Total Base Rate Amount		$ 68.77	$ 89.80	$ 101.13	$ 97.30	$ 80.79	$ 57.44	$ 495.24
61									
62	COG Rate - (Seasonal)		$ 0.6992	$ 0.6992	$ 0.6992	$ 0.6992	$ 0.6992	$ 0.6992	$ 0.6992
63	COG amount		$ 58.97	$ 82.81	$ 95.66	$ 91.32	$ 72.59	$ 46.12	$ 447.48
64									
65	LDAC		$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986
66	LDAC amount		$ 16.75	$ 23.52	$ 27.17	$ 25.94	$ 20.62	$ 13.10	$ 127.10
67									
68	**Total Bill**		**$ 144.50**	**$ 196.13**	**$ 223.97**	**$ 214.55**	**$ 174.00**	**$ 116.67**	**$ 1,069.81**

November 1, 2023 - April 30, 2024
Residential Heating (R3-FPO)

69	**CURRENT R-3 FPO**		**ACT**	**ACT**	**ACT**	**ACT**	**ACT**	**ACT**	**Winter**
70			**Nov-23**	**Dec-23**	**Jan-24**	**Feb-24**	**Mar-24**	**Apr-24**	**Nov-Apr**
71	**average Usage (Therms)**		84	118	137	131	104	66	640
72									
73	**Winter:**	11/1/23 - Current							
74	Cust. Chg		$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 100.56
75	Headblock	$ 0.6167							
76	Tailblock	$ 0.6167	$ 52.01	$ 73.04	$ 84.37	$ 80.54	$ 64.03	$ 40.68	$ 394.68
77	HB Threshold	-							
78									
79	Total Base Rate Amount		$ 68.77	$ 89.80	$ 101.13	$ 97.30	$ 80.79	$ 57.44	$ 495.24
80									
81	COG Rate - (Seasonal)		$ 0.7763	$ 0.7763	$ 0.7763	$ 0.7763	$ 0.7763	$ 0.7763	$ 0.7763
82	COG amount		$ 65.48	$ 91.94	$ 106.21	$ 101.38	$ 80.60	$ 51.21	$ 496.82
83									
84	LDAC		$ 0.1180	$ 0.1180	$ 0.1213	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1565
85	LDAC amount		$ 9.95	$ 13.98	$ 16.60	$ 25.94	$ 20.62	$ 13.10	$ 100.18
86									
87	**Total Bill**		**$ 144.20**	**$ 195.71**	**$ 223.94**	**$ 224.62**	**$ 182.00**	**$ 121.75**	**$ 1,092.24**

DIFFERENCE:

88	**Total Bill**	**$0.30**	**$0.41**	**$0.03**	**($10.07)**	**($8.00)**	**($5.09)**	**($22.42)**
89	% Change	**0.20%**	**0.21%**	**0.01%**	**-4.48%**	**-4.40%**	**-4.18%**	**-2.05%**
90									
91	**Base Rate**	$ -	$ -	$ -	$ -	$ -	$ -	$ -
92	% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
93									
94	**COG**	$ (6.50)	$ (9.13)	$ (10.55)	$ (10.07)	$ (8.00)	$ (5.09)	$ (49.34)
95	% Change	-9.93%	-9.93%	-9.93%	-9.93%	-9.93%	-9.93%	-9.93%
96									
97	**LDAC**	$ 6.80	$ 9.55	$ 10.58	$ -	$ -	$ -	$ 26.92
98	% Change	68.31%	68.31%	63.73%	0.00%	0.00%	0.00%	26.87%

Annual Bill Comparisons, Nov 23 - Apr 24 Actual Rates vs Nov 24 - Apr 25
GAP Rate
November 1, 2024 - April 30, 2025
Residential Heating (R4-GAP)

			(1)	(2)	(3)	(4)	(5)	(6)	(7)
99	**PROPOSED R-4 GAP**		**EST**	**EST**	**EST**	**EST**	**EST**	**EST**	**Winter**
100			**Nov-24**	**Dec-24**	**Jan-25**	**Feb-25**	**Mar-25**	**Apr-25**	**Nov-Apr**
101	**average Usage (Therms)**		84	118	137	131	104	66	640
102		11/1/2023 - Current							
103	**Winter:**								
104	Cust. Chg		$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 100.56
105	Headblock	$ 0.3694							
106	Tailblock	$ 0.3694	$ 31.16	$ 43.75	$ 50.54	$ 48.24	$ 38.35	$ 24.37	$ 236.41
107	HB Threshold	-							
108									
109	Total Base Rate Amount		$ 47.92	$ 60.51	$ 67.30	$ 65.00	$ 55.11	$ 41.13	$ 336.97
110									
111	COG Rate - (Seasonal)		$ 0.3736	$ 0.3736	$ 0.3736	$ 0.3736	$ 0.3736	$ 0.3736	$ 0.3736
112	COG amount		$ 31.51	$ 44.24	$ 51.11	$ 48.79	$ 38.78	$ 24.64	$ 239.07
113									
114	LDAC		$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986
115	LDAC amount		$ 16.75	$ 23.52	$ 27.17	$ 25.94	$ 20.62	$ 13.10	$ 127.10
116									
117	**Total Bill**		**$ 96.17**	**$ 128.27**	**$ 145.58**	**$ 139.73**	**$ 114.52**	**$ 78.87**	**$ 703.14**

November 1, 2023 - April 30, 2024
Residential Heating (R4-GAP)

118	**CURRENT R-4 GAP**		**ACT**	**ACT**	**ACT**	**ACT**	**ACT**	**ACT**	**Winter**
119			**Nov-23**	**Dec-23**	**Jan-24**	**Feb-24**	**Mar-24**	**Apr-24**	**Nov-Apr**
120	**average Usage (Therms)**		84	118	137	131	104	66	640
121									
122	**Winter:**	11/1/23 - Current							
123	Cust. Chg		$ 9.22	$ 9.22	$ 9.22	$ 9.22	$ 9.22	$ 9.22	$ 55.32
124	Headblock	$ 0.3694							
125	Tailblock	$ 0.3694	$ 52.01	$ 73.04	$ 84.37	$ 80.54	$ 64.03	$ 40.68	$ 394.68
126	HB Threshold	-							
127									
128	Total Base Rate Amount		$ 61.23	$ 82.26	$ 93.59	$ 89.76	$ 73.25	$ 49.90	$ 450.00
129									
130	COG Rate - (Seasonal)		$ 0.4160	$ 0.3986	$ 0.3553	$ 0.3656	$ 0.2771	$ 0.1897	$ 0.3437
131	COG amount		$ 35.08	$ 47.21	$ 48.61	$ 47.75	$ 28.77	$ 12.51	$ 219.95
132									
133	LDAC		$ 0.1180	$ 0.1180	$ 0.1213	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1565
134	LDAC amount		$ 9.95	$ 13.98	$ 16.60	$ 25.94	$ 20.62	$ 13.10	$ 100.18
135									
136	**Total Bill**		**$ 106.27**	**$ 143.45**	**$ 158.80**	**$ 163.45**	**$ 122.64**	**$ 75.52**	**$ 770.13**

DIFFERENCE:

137	**Total Bill**		**($10.10)**	**($15.17)**	**($13.22)**	**($23.72)**	**($8.13)**	**$3.36**	**($66.98)**
138	% Change		**-9.50%**	**-10.58%**	**-8.33%**	**-14.51%**	**-6.63%**	**4.44%**	**-8.70%**
139									
140	**Base Rate**		$ (13.32)	$ (21.75)	$ (26.29)	$ (24.76)	$ (18.14)	$ (8.77)	$ (113.03)
141	% Change		-21.75%	-26.44%	-28.09%	-27.58%	-24.76%	-17.58%	-25.12%
142									
143	**COG**		$ (3.58)	$ (2.97)	$ 2.50	$ 1.03	$ 10.01	$ 12.13	$ 19.13
144	% Change		-10.19%	-6.29%	5.14%	2.17%	34.79%	96.93%	8.70%
145									
146	**LDAC**		$ 6.80	$ 9.55	$ 10.58	$ -	$ -	$ -	$ 26.92
147	% Change		68.31%	68.31%	63.73%	0.00%	0.00%	0.00%	26.87%

Annual Bill Comparisons, Nov 23 - Apr 24 Actual Rates vs Nov 24 - Apr 25
November 1, 2024 - April 30, 2025
Commercial Rate (G-41)

			(1)	(2)	(3)	(4)	(5)	(6)	(7)
148	**PROPOSED G-41**		**EST**	**EST**	**EST**	**EST**	**EST**	**EST**	**Winter**
149			**Nov-24**	**Dec-24**	**Jan-25**	**Feb-25**	**Mar-25**	**Apr-25**	**Nov-Apr**
150	**average Usage (Therms)**		261	390	482	458	334	185	2,111
151									
152	**Winter:**	11/1/23 - Current							
153	Cust. Chg		$ 66.23	$ 66.23	$ 66.23	$ 66.23	$ 66.23	$ 66.23	$ 397.38
154	Headblock	$ 0.5367	$ 53.67	$ 53.67	$ 53.67	$ 53.67	$ 53.67	$ 53.67	$ 322.02
155	Tailblock	$ 0.3692	$ 59.38	$ 107.19	$ 141.00	$ 132.25	$ 86.54	$ 31.38	$ 557.75
156	HB Threshold	100							
157									
158	Total Base Rate Amount		$ 179.28	$ 227.09	$ 260.90	$ 252.15	$ 206.44	$ 151.28	$ 1,277.15
159									
160	COG Rate - (Seasonal)		$ 0.6793	$ 0.6793	$ 0.6793	$ 0.6793	$ 0.6793	$ 0.6793	$ 0.6793
161	COG amount		$ 177.19	$ 265.14	$ 327.36	$ 311.27	$ 227.16	$ 125.67	$ 1,433.79
162									
163	LDAC		$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874
164	LDAC amount		$ 22.80	$ 34.11	$ 42.12	$ 40.05	$ 29.23	$ 16.17	$ 184.47
165									
166	**Total Bill**		**$379.27**	**$526.34**	**$630.38**	**$603.47**	**$462.83**	**$293.12**	**$2,895.41**

November 1, 2023 - April 30, 2024
Commercial Rate (G-41)

167	**CURRENT G-41**		**ACT**	**ACT**	**ACT**	**ACT**	**ACT**	**ACT**	**Winter**
168			**Nov-23**	**Dec-23**	**Jan-24**	**Feb-24**	**Mar-24**	**Apr-24**	**Nov-Apr**
169	**average Usage (Therms)**		261	390	482	458	334	185	2,111
170									
171	**Winter:**	11/1/23 - Current							
172	Cust. Chg		$ 66.23	$ 66.23	$ 66.23	$ 66.23	$ 66.23	$ 66.23	$ 397.38
173	Headblock	$ 0.5367	$ 53.67	$ 53.67	$ 53.67	$ 53.67	$ 53.67	$ 53.67	$ 322.02
174	Tailblock	$ 0.3692	$ 59.38	$ 107.19	$ 141.00	$ 132.25	$ 86.54	$ 31.38	$ 557.75
175	HB Threshold	100							
176									
177	Total Base Rate Amount		$ 179.28	$ 227.09	$ 260.90	$ 252.15	$ 206.44	$ 151.28	$ 1,277.15
178									
179	COG Rate - (Seasonal)		$ 0.7561	$ 0.7246	$ 0.6458	$ 0.6646	$ 0.5037	$ 0.3447	$ 0.6292
180	COG amount		$ 197.23	$ 282.82	$ 311.21	$ 304.53	$ 168.44	$ 63.77	$ 1,328.01
181									
182	LDAC		$ 0.0957	$ 0.0957	$ 0.0979	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0924
183	LDAC amount		$ 24.96	$ 37.35	$ 47.18	$ 40.05	$ 29.23	$ 16.17	$ 194.94
184									
185	**Total Bill**		**$401.47**	**$547.26**	**$619.29**	**$596.73**	**$404.11**	**$231.22**	**$2,800.09**

DIFFERENCE:

186	**Total Bill**	**$ (22.20)**	**$ (20.92)**	**$ 11.08**	**$ 6.74**	**$ 58.72**	**$ 61.90**	**$ 95.32**
187	% Change	**-5.53%**	**-3.82%**	**1.79%**	**1.13%**	**14.53%**	**26.77%**	**3.40%**
188								
189	**Base Rate**	$ -	$ -	$ -	$ -	$ -	$ -	$ -
190	% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
191								
192	**COG**	$ (20.03)	$ (17.68)	$ 16.14	$ 6.74	$ 58.72	$ 61.90	$ 105.79
193	% Change	-10.16%	-6.25%	5.19%	2.21%	34.86%	97.07%	7.97%
194								
195	**LDAC**	$ (2.17)	$ (3.24)	$ (5.06)	$ -	$ -	$ -	$ (10.46)
196	% Change	-8.67%	-8.67%	-10.73%	0.00%	0.00%	0.00%	-5.37%

Annual Bill Comparisons, Nov 23 - Apr 24 Actual Rates vs Nov 24 - Apr 25
November 1, 2024 - April 30, 2025
C&I High Winter Use Medium G-42

				(1)	(2)	(3)	(4)	(5)	(6)	(7)
197	**PROPOSED G-42**			**EST**	**EST**	**EST**	**EST**	**EST**	**EST**	**Winter**
198				**Nov-24**	**Dec-24**	**Jan-25**	**Feb-25**	**Mar-25**	**Apr-25**	**Nov-Apr**
199	**average Usage (Therms)**			2,543	3,519	4,174	3,998	3,106	1,898	19,238
200		11/1/23 - Current								
201	**Winter:**									
202	Cust. Chg			$ 198.65	$ 198.65	$ 198.65	$ 198.65	$ 198.65	$ 198.65	$ 1,191.90
203	Headblock	$	0.4884	$ 488.40	$ 488.40	$ 488.40	$ 488.40	$ 488.40	$ 488.40	$ 2,930.40
204	Tailblock	$	0.3336	$ 514.75	$ 840.22	$ 1,059.01	$ 1,000.17	$ 702.51	$ 299.45	$ 4,416.11
205	HB Threshold		1,000							
206										
207	Total Base Rate Amount			$ 1,201.80	$ 1,527.27	$ 1,746.06	$ 1,687.22	$ 1,389.56	$ 986.50	$ 8,538.41
208										
209	COG Rate - (Seasonal)			$ 0.6793	$ 0.6793	$ 0.6793	$ 0.6793	$ 0.6793	$ 0.6793	$ 0.6793
210	COG amount			$ 1,727.47	$ 2,390.22	$ 2,835.74	$ 2,715.93	$ 2,109.80	$ 1,289.06	$ 13,068.20
211										
212	LDAC			$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874
213	LDAC amount			$ 222.26	$ 307.53	$ 364.85	$ 349.44	$ 271.45	$ 165.85	$ 1,681.38
214										
215	**Total Bill**			**$ 3,151.52**	**$ 4,225.02**	**$ 4,946.65**	**$ 4,752.59**	**$ 3,770.80**	**$ 2,441.41**	**$ 23,288.00**

November 1, 2023 - April 30, 2024
C&I High Winter Use Medium G-42

				ACT	ACT	ACT	ACT	ACT	ACT	Winter
216	**CURRENT G-42**			**Nov-23**	**Dec-23**	**Jan-24**	**Feb-24**	**Mar-24**	**Apr-24**	**Nov-Apr**
217										
218	**average Usage (Therms)**			2,543	3,519	4,174	3,998	3,106	1,898	19,238
219										
220	**Winter:**	11/1/23 - Current								
221	Cust. Chg			$ 198.65	$ 198.65	$ 198.65	$ 198.65	$ 198.65	$ 198.65	$ 1,191.90
222	Headblock	$	0.4884	$ 488.40	$ 488.40	$ 488.40	$ 488.40	$ 488.40	$ 488.40	$ 2,930.40
223	Tailblock	$	0.3336	$ 514.75	$ 840.22	$ 1,059.01	$ 1,000.17	$ 702.51	$ 299.45	$ 4,416.11
224	HB Threshold		1,000							
225										
226	Total Base Rate Amount			$ 1,201.80	$ 1,527.27	$ 1,746.06	$ 1,687.22	$ 1,389.56	$ 986.50	$ 8,538.41
227										
228	COG Rate - (Seasonal)			$ 0.7561	$ 0.7246	$ 0.6458	$ 0.6646	$ 0.5037	$ 0.3447	$0.6261
229	COG amount			$ 1,922.77	$ 2,549.62	$ 2,695.89	$ 2,657.15	$ 1,564.41	$ 654.11	$ 12,043.95
230										
231	LDAC			$ 0.0957	$ 0.0957	$ 0.0979	$ 0.0874	$ 0.0874	$ 0.0874	0.0923
232	LDAC amount			$ 243.37	$ 336.74	$ 408.68	$ 349.44	$ 271.45	$ 165.85	$ 1,775.52
233										
234	**Total Bill**			**$ 3,367.94**	**$ 4,413.62**	**$ 4,850.64**	**$ 4,693.82**	**$ 3,225.42**	**$ 1,806.46**	**$ 22,357.89**

DIFFERENCE:

235	**Total Bill**			**$ (216.41)**	**$ (188.60)**	**$ 96.01**	**$ 58.77**	**$ 545.39**	**$ 634.95**	**$ 930.11**
236	% Change			**-6.43%**	**-4.27%**	**1.98%**	**1.25%**	**16.91%**	**35.15%**	**4.16%**
237										
238	**Base Rate**			$ -	$ -	$ -	$ -	$ -	$ -	$ -
239	% Change			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
240										
241	**COG**			$ (195.30)	$ (159.39)	$ 139.85	$ 58.77	$ 545.39	$ 634.95	$ 1,024.25
242	% Change			-10.16%	-6.25%	5.19%	2.21%	34.86%	97.07%	8.50%
243										
244	**LDAC**			$ (21.11)	$ (29.20)	$ (43.83)	$ -	$ -	$ -	$ (94.14)
245	% Change			-8.67%	-8.67%	-10.73%	0.00%	0.00%	0.00%	-5.30%

Annual Bill Comparisons, Nov 23 - Apr 24 Actual Rates vs Nov 24 - Apr 25
November 1, 2024 - April 30, 2025
Commercial Rate (G-52)

				(1)	(2)	(3)	(4)	(5)	(6)	(7)
246	**PROPOSED G-52**			**EST**	**EST**	**EST**	**EST**	**EST**	**EST**	**Winter**
247				**Nov-24**	**Dec-24**	**Jan-25**	**Feb-25**	**Mar-25**	**Apr-25**	**Nov-Apr**
248	**average Usage (Therms)**			1,907	2,294	2,692	2,308	2,175	1,933	13,309
249										
250	**Winter:**	11/1/23 - Current								
251	Cust. Chg			$ 198.48	$ 198.48	$ 198.48	$ 198.48	$ 198.48	$ 198.48	$ 1,190.88
252	Headblock	$	0.2788	$ 278.80	$ 278.80	$ 278.80	$ 278.80	$ 278.80	$ 278.80	$ 1,672.80
253	Tailblock	$	0.1905	$ 172.84	$ 246.42	$ 322.30	$ 249.17	$ 223.93	$ 177.74	$ 1,392.39
254	HB Threshold		1,000							
255										
256	Total Base Rate Amount			$ 650.12	$ 723.70	$ 799.58	$ 726.45	$ 701.21	$ 655.02	$ 4,256.07
257										
258	COG Rate - (Seasonal)			$0.6796	$0.6796	$0.6796	$0.6796	$0.6796	$0.6796	$ 0.6796
259	COG amount			$ 1,296.20	$ 1,558.68	$ 1,829.40	$ 1,568.49	$ 1,478.45	$ 1,313.67	$ 9,044.90
260										
261	LDAC			$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874
262	LDAC amount			$ 166.70	$ 200.45	$ 235.27	$ 201.72	$ 190.14	$ 168.95	$ 1,163.22
263										
264	**Total Bill**			**$2,113.02**	**$2,482.84**	**$2,864.25**	**$2,496.65**	**$2,369.80**	**$2,137.64**	**$14,464.19**

November 1, 2023 - April 30, 2024
Commercial Rate (G-52)

265	**CURRENT G-52**			**ACT**	**ACT**	**ACT**	**ACT**	**ACT**	**ACT**	**Winter**
266				**Nov-23**	**Dec-23**	**Jan-24**	**Feb-24**	**Mar-24**	**Apr-24**	**Nov-Apr**
267	**average Usage (Therms)**			1,907	2,294	2,692	2,308	2,175	1,933	13,309
268										
269	**Winter:**	11/1/23 - Current								
270	Cust. Chg			$ 198.48	$ 198.48	$ 198.48	$ 198.48	$ 198.48	$ 198.48	$ 1,190.88
271	Headblock	$	0.2788	$ 278.80	$ 278.80	$ 278.80	$ 278.80	$ 278.80	$ 278.80	$ 1,672.80
272	Tailblock	$	0.1905	$ 172.84	$ 246.42	$ 322.30	$ 249.17	$ 223.93	$ 177.74	$ 1,392.39
273	HB Threshold		1,000							
274										
275	Total Base Rate Amount			$ 650.12	$ 723.70	$ 799.58	$ 726.45	$ 701.21	$ 655.02	$ 4,256.07
276										
277	COG Rate - (Seasonal)			$ 0.7573	$ 0.7258	$ 0.6470	$ 0.6658	$ 0.5049	$ 0.3459	$ 0.6127
278	COG amount			$ 1,444.40	$ 1,664.65	$ 1,741.64	$ 1,536.64	$ 1,098.40	$ 668.63	$ 8,154.35
279										
280	LDAC			$ 0.0957	$ 0.0957	$ 0.0979	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0921
281	LDAC amount			$ 182.53	$ 219.49	$ 263.53	$ 201.72	$ 190.14	$ 168.95	$ 1,226.35
282										
283	**Total Bill**			**$2,277.05**	**$2,607.83**	**$2,804.76**	**$2,464.80**	**$1,989.74**	**$1,492.59**	**$13,636.77**

DIFFERENCE:

284	**Total Bill**			**$ (164.03)**	**$ (125.00)**	**$ 59.49**	**$ 31.85**	**$ 380.06**	**$ 645.05**	**$ 827.42**
285	% Change			**-7.20%**	**-4.79%**	**2.12%**	**1.29%**	**19.10%**	**43.22%**	**6.07%**
286										
287	**Base Rate**			$ -	$ -	$ -	$ -	$ -	$ -	$ -
288	% Change			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
289										
290	**COG**			$ (148.20)	$ (105.96)	$ 87.76	$ 31.85	$ 380.06	$ 645.05	$ 890.55
291	% Change			-10.26%	-6.37%	5.04%	2.07%	34.60%	96.47%	10.92%
292										
293	**LDAC**			$ (15.83)	$ (19.04)	$ (28.26)	$ -	$ -	$ -	$ (63.13)
294	% Change			-8.67%	-8.67%	-10.73%	0.00%	0.00%	0.00%	-5.15%

Residential Heating

		Winter 2023-2024	Winter 2024-2025
295	Customer Charge	$ -	$ -
296	First 100 Therms	$ 0.6167	$ 0.6167
297	Excess 100 Therms	$ 0.6167	$ 0.6167
298	LDAC	$ 0.1565	$ 0.1986
299	COG	$ 0.6249	$ 0.6792
300	Total Adjust	$ 0.7814	$ 0.8778

			Winter 2023-24 @	Winter 2024-25 @	Total		Base Rate		COG		LDAC	
					$ Impact	% Impact	$ Impact	% Impact	$ Impact	% Impact	$ Impact	% Impact
301			$0.7814	$0.8778	$0.10	12%						
302	Cooking alone	5	$6.99	$7.47	$0.48	6.89%	$0.00	0%	$0.27	4%	$0.21	3.01%
303		10	$13.98	$14.95	$0.96	6.89%	$0.00	0%	$0.54	4%	$0.42	3.01%
304		20	$27.96	$29.89	$1.93	6.89%	$0.00	0%	$1.09	4%	$0.84	3.01%
305	Water Heating alone	30	$41.94	$44.84	$2.89	6.89%	$0.00	0%	$1.63	4%	$1.26	3.01%
306		45	$62.91	$67.25	$4.34	6.89%	$0.00	0%	$2.45	4%	$1.89	3.01%
307		50	$69.91	$74.73	$4.82	6.89%	$0.00	0%	$2.72	4%	$2.10	3.01%
308	Heating Alone	80	$104.86	$112.09	$7.23	6.89%	$0.00	0%	$4.08	4%	$3.15	3.01%
309		125	$185.95	$198.77	$12.82	6.89%	$0.00	0%	$7.23	4%	$5.59	3.01%
310		150	$209.72	$224.18	$14.46	6.89%	$0.00	0%	$8.15	4%	$6.31	3.01%
311		200	$279.62	$298.90	$19.28	6.89%	$0.00	0%	$10.87	4%	$8.41	3.01%

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
Off-Peak 2025 Summer Cost of Gas Filing
Annual Bill Comparisons, May 24 - Oct 24 Actual Rates vs May 25 - Oct 25

Non FPO Rate
May 1, 2025 - October 31, 2025
Residential Heating (R3)

			(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	**PROPOSED R-3**		**EST May-25**	**EST Jun-25**	**EST Jul-25**	**EST Aug-25**	**EST Sep-25**	**EST Oct-25**	**Summer May-Oct**
2									
3	**average Usage (Therms)**		37	19	14	12	21	52	155
4		11/1/23 - Current							
5	**Summer:**								
6	Cust. Chg		$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 100.56
7	Headblock	$ 0.6167							
8	Tailblock	$ 0.6167	$ 23.04	$ 11.94	$ 8.53	$ 7.61	$ 12.98	$ 31.78	$ 95.88
9	HB Threshold	-							
10									
11	Total Base Rate Amount		$ 39.80	$ 28.70	$ 25.29	$ 24.37	$ 29.74	$ 48.54	$ 196.44
12									
13	COG Rate - (Seasonal)		$ 0.0724	$ 0.0724	$ 0.0724	$ 0.0724	$ 0.0724	$ 0.0724	$ 0.0724
14	COG amount		$ 2.70	$ 1.40	$ 1.00	$ 0.89	$ 1.52	$ 3.73	$ 11.26
15									
16	LDAC		$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986
17	LDAC amount		$ 7.42	$ 3.85	$ 2.75	$ 2.45	$ 4.18	$ 10.23	$ 30.88
18									
19	**Total Bill**		**$ 49.92**	**$ 33.95**	**$ 29.03**	**$ 27.72**	**$ 35.45**	**$ 62.50**	**$ 238.58**

May 1, 2024 - October 31, 2024
Residential Heating (R3)

20	**CURRENT R-3**		**ACT May-24**	**ACT Jun-24**	**ACT Jul-24**	**EST Aug-24**	**EST Sep-24**	**EST Oct-24**	**Summer May-Oct**
21									
22	**average Usage (Therms)**		37	19	14	12	21	52	155
23									
24	**Summer:**	11/1/23 - Current							
25	Cust. Chg		$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 100.56
26	Headblock	$ 0.6167							
27	Tailblock	$ 0.6167	$ 23.04	$ 11.94	$ 8.53	$ 7.61	$ 12.98	$ 31.78	$ 95.88
28	HB Threshold	-							
29									
30	Total Base Rate Amount		$ 39.80	$ 28.70	$ 25.29	$ 24.37	$ 29.74	$ 48.54	$ 196.44
31									
32	COG Rate - (Seasonal)		$ 0.0187	$ 0.0187	$ 0.0187	$ 0.0187	$ 0.0187	$ 0.0187	$ 0.0187
33	COG amount		$ 0.70	$ 0.36	$ 0.26	$ 0.23	$ 0.39	$ 0.96	$ 2.91
34									
35	LDAC		$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986
36	LDAC amount		$ 7.42	$ 3.85	$ 2.75	$ 2.45	$ 4.18	$ 10.23	$ 30.88
37									
38	**Total Bill**		**$ 47.92**	**$ 32.91**	**$ 28.29**	**$ 27.05**	**$ 34.32**	**$ 59.74**	**$ 230.23**

DIFFERENCE:

39	**Total Bill**		**$2.01**	**$1.04**	**$0.74**	**$0.66**	**$1.13**	**$2.77**	**$8.35**
40	% Change		**4.19%**	**3.16%**	**2.62%**	**2.45%**	**3.29%**	**4.63%**	**3.63%**
41									
42	**Base Rate**		$ -	$ -	$ -	$ -	$ -	$ -	$ -
43	% Change		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
44									
45	**COG**		$ 2.01	$ 1.04	$ 0.74	$ 0.66	$ 1.13	$ 2.77	$ 8.35
46	% Change		287.17%	287.17%	287.17%	287.17%	287.17%	287.17%	287.17%
47									
48	**LDAC**		$ -	$ -	$ -	$ -	$ -	$ -	$ -
49	% Change		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Annual Bill Comparisons, May 24 - Oct 24 Actual Rates vs May 25 - Oct 25
GAP Rate
May 1, 2025 - October 31, 2025
Residential Heating (R4-GAP)

			(1)	(2)	(3)	(4)	(5)	(6)	(7)
50	**PROPOSED R-4 GAP**		**EST May-25**	**EST Jun-25**	**EST Jul-25**	**EST Aug-25**	**EST Sep-25**	**EST Oct-25**	**Summer May-Oct**
51									
52	**average Usage (Therms)**		37	19	14	12	21	52	155
53		11/1/23 - Current							
54	**Summer:**								
55	Cust. Chg		$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 100.56
56	Headblock	$ 0.6167							
57	Tailblock	$ 0.6167	$ 23.04	$ 11.94	$ 8.53	$ 7.61	$ 12.98	$ 31.78	$ 95.88
58	HB Threshold	-							
59									
60	Total Base Rate Amount		$ 39.80	$ 28.70	$ 25.29	$ 24.37	$ 29.74	$ 48.54	$ 196.44
61									
62	COG Rate - (Seasonal)		$ 0.0398	$ 0.0398	$ 0.0398	$ 0.0398	$ 0.0398	$ 0.0398	$ 0.0398
63	COG amount		$ 1.49	$ 0.77	$ 0.55	$ 0.49	$ 0.84	$ 2.05	$ 6.19
64									
65	LDAC		$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986
66	LDAC amount		$ 7.42	$ 3.85	$ 2.75	$ 2.45	$ 4.18	$ 10.23	$ 30.88
67									
68	**Total Bill**		**$ 48.71**	**$ 33.32**	**$ 28.58**	**$ 27.31**	**$ 34.76**	**$ 60.82**	**$ 233.51**

May 1, 2024 - October 31, 2024
Residential Heating (R4-GAP)

69	**CURRENT R-4 GAP**		**ACT May-24**	**ACT Jun-24**	**ACT Jul-24**	**EST Aug-24**	**EST Sep-24**	**EST Oct-24**	**Summer May-Oct**
70									
71	**average Usage (Therms)**		37	19	14	12	21	52	155
72									
73	**Summer:**	11/1/23 - Current							
74	Cust. Chg		$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 16.76	$ 100.56
75	Headblock	$ 0.6167							
76	Tailblock	$ 0.6167	$ 23.04	$ 11.94	$ 8.53	$ 7.61	$ 12.98	$ 31.78	$ 95.88
77	HB Threshold	-							
78									
79	Total Base Rate Amount		$ 39.80	$ 28.70	$ 25.29	$ 24.37	$ 29.74	$ 48.54	$ 196.44
80									
81	COG Rate - (Seasonal)		$ 0.0187	$ 0.0187	$ 0.0187	$ 0.0187	$ 0.0187	$ 0.0187	$ 0.0187
82	COG amount		$ 0.70	$ 0.36	$ 0.26	$ 0.23	$ 0.39	$ 0.96	$ 2.91
83									
84	LDAC		$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986	$ 0.1986
85	LDAC amount		$ 7.42	$ 3.85	$ 2.75	$ 2.45	$ 4.18	$ 10.23	$ 30.88
86									
87	**Total Bill**		**$ 47.92**	**$ 32.91**	**$ 28.29**	**$ 27.05**	**$ 34.32**	**$ 59.74**	**$ 230.23**

DIFFERENCE:

88	**Total Bill**	**$0.79**	**$0.41**	**$0.29**	**$0.26**	**$0.44**	**$1.09**	**$3.28**
89	% Change	**1.65%**	**1.24%**	**1.03%**	**0.96%**	**1.30%**	**1.82%**	**1.43%**
90								
91	**Base Rate**	$ -	$ -	$ -	$ -	$ -	$ -	$ -
92	% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
93								
94	**COG**	$ 0.79	$ 0.41	$ 0.29	$ 0.26	$ 0.44	$ 1.09	$ 3.28
95	% Change	112.94%	112.94%	112.94%	112.94%	112.94%	112.94%	112.94%
96								
97	**LDAC**	$ -	$ -	$ -	$ -	$ -	$ -	$ -
98	% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Annual Bill Comparisons, May 24 - Oct 24 Actual Rates vs May 25 - Oct 25
May 1, 2025 - October 31, 2025
Commercial Rate (G-41)

			(1)	(2)	(3)	(4)	(5)	(6)	(7)
99	**PROPOSED G-41**		**EST**	**EST**	**EST**	**EST**	**EST**	**EST**	**Summer**
100			**May-25**	**Jun-25**	**Jul-25**	**Aug-25**	**Sep-25**	**Oct-25**	**May-Oct**
101	**average Usage (Therms)**		91	47	33	25	47	141	383
102									
103	**Summer:**	11/1/23 - Current							
104	Cust. Chg		$ 66.23	$ 66.23	$ 66.23	$ 66.23	$ 66.23	$ 66.23	$ 397.38
105	Headblock	$ 0.5367	$ 10.73	$ 10.73	$ 10.73	$ 10.73	$ 10.73	$ 10.73	$ 64.40
106	Tailblock	$ 0.3692	$ 26.15	$ 9.85	$ 4.65	$ 1.95	$ 9.80	$ 44.77	$ 97.18
107	HB Threshold	20							
108									
109	Total Base Rate Amount		$ 103.11	$ 86.82	$ 81.62	$ 78.91	$ 86.76	$ 121.74	$ 558.96
110									
111	COG Rate - (Seasonal)		$ 0.0725	$ 0.0725	$ 0.0725	$ 0.0725	$ 0.0725	$ 0.0725	$ 0.0725
112	COG amount		$ 6.59	$ 3.39	$ 2.36	$ 1.83	$ 3.37	$ 10.24	$ 27.78
113									
114	LDAC		$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874
115	LDAC amount		$ 7.94	$ 4.08	$ 2.85	$ 2.21	$ 4.07	$ 12.35	$ 33.49
116									
117	**Total Bill**		**$117.64**	**$94.28**	**$86.83**	**$82.95**	**$94.20**	**$144.33**	**$620.23**

May 1, 2024 - October 31, 2024
Commercial Rate (G-41)

118	**CURRENT G-41**		**ACT**	**ACT**	**ACT**	**EST**	**EST**	**EST**	**Summer**
119			**May-24**	**Jun-24**	**Jul-24**	**Aug-24**	**Sep-24**	**Oct-24**	**May-Oct**
120	**average Usage (Therms)**		91	47	33	25	47	141	383
121									
122	**Summer:**	11/1/23 - Current							
123	Cust. Chg		$ 66.23	$ 66.23	$ 66.23	$ 66.23	$ 66.23	$ 66.23	$ 397.38
124	Headblock	$ 0.5367	$ 10.73	$ 10.73	$ 10.73	$ 10.73	$ 10.73	$ 10.73	$ 64.40
125	Tailblock	$ 0.3692	$ 26.15	$ 9.85	$ 4.65	$ 1.95	$ 9.80	$ 44.77	$ 97.18
126	HB Threshold	20							
127									
128	Total Base Rate Amount		$ 103.11	$ 86.82	$ 81.62	$ 78.91	$ 86.76	$ 121.74	$ 558.96
129									
130	COG Rate - (Seasonal)		$ 0.0181	$ 0.0181	$ 0.0181	$ 0.0181	$ 0.0181	$ 0.0181	$ 0.0181
131	COG amount		$ 1.64	$ 0.85	$ 0.59	$ 0.46	$ 0.84	$ 2.56	$ 6.94
132									
133	LDAC		$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874
134	LDAC amount		$ 7.94	$ 4.08	$ 2.85	$ 2.21	$ 4.07	$ 12.35	$ 33.49
135									
136	**Total Bill**		**$112.70**	**$91.74**	**$85.05**	**$81.58**	**$91.67**	**$136.64**	**$599.39**

DIFFERENCE:

137	**Total Bill**		**$ 4.94**	**$ 2.54**	**$ 1.77**	**$ 1.37**	**$ 2.53**	**$ 7.69**	**$ 20.85**
138	% Change		**4.38%**	**2.77%**	**2.08%**	**1.69%**	**2.76%**	**5.62%**	**3.48%**
139									
140	**Base Rate**		$ -	$ -	$ -	$ -	$ -	$ -	$ -
141	% Change		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
142									
143	**COG**		$ 4.94	$ 2.54	$ 1.77	$ 1.37	$ 2.53	$ 7.69	$ 20.85
144	% Change		300.55%	300.55%	300.55%	300.55%	300.55%	300.55%	300.55%
145									
146	**LDAC**		$ -	$ -	$ -	$ -	$ -	$ -	$ -
147	% Change		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Annual Bill Comparisons, May 24 - Oct 24 Actual Rates vs May 25 - Oct 25
May 1, 2025 - October 31, 2025
C&I High Winter Use Medium G-42

				(1)	(2)	(3)	(4)	(5)	(6)	(7)
148	**PROPOSED G-42**			**EST**	**EST**	**EST**	**EST**	**EST**	**EST**	**Summer**
149				**May-25**	**Jun-25**	**Jul-25**	**Aug-25**	**Sep-25**	**Oct-25**	**May-Oct**
150	**average Usage (Therms)**			1,031	572	420	343	619	1,610	4,595
151			11/1/23 - Current							
152	**Summer:**									
153	Cust. Chg			$ 198.65	$ 198.65	$ 198.65	$ 198.65	$ 198.65	$ 198.65	$ 1,191.90
154	Headblock	$	0.4884	$ 195.36	$ 195.36	$ 195.36	$ 167.33	$ 195.36	$ 195.36	$ 1,144.13
155	Tailblock	$	0.3336	$ 210.60	$ 57.42	$ 6.52	$ -	$ 73.21	$ 403.57	$ 751.31
156	HB Threshold		400							
157										
158	Total Base Rate Amount			$ 604.61	$ 451.43	$ 400.53	$ 365.98	$ 467.22	$ 797.58	$ 3,087.34
159										
160	COG Rate - (Seasonal)			$ 0.0725	$ 0.0725	$ 0.0725	$ 0.0725	$ 0.0725	$ 0.0725	$ 0.0725
161	COG amount			$ 74.77	$ 41.48	$ 30.42	$ 24.84	$ 44.91	$ 116.71	$ 333.12
162										
163	LDAC			$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874
164	LDAC amount			$ 90.13	$ 50.00	$ 36.67	$ 29.94	$ 54.14	$ 140.69	$ 401.58
165										
166	**Total Bill**			**$ 769.51**	**$ 542.91**	**$ 467.61**	**$ 420.77**	**$ 566.26**	**$ 1,054.98**	**$ 3,822.04**

May 1, 2024 - October 31, 2024
C&I High Winter Use Medium G-42

167	**CURRENT G-42**			**ACT**	**ACT**	**ACT**	**EST**	**EST**	**EST**	**Summer**
168				**May-24**	**Jun-24**	**Jul-24**	**Aug-24**	**Sep-24**	**Oct-24**	**May-Oct**
169	**average Usage (Therms)**			1,031	572	420	343	619	1,610	4,595
170										
171	**Summer:**		11/1/23 - Current							
172	Cust. Chg			$ 198.65	$ 198.65	$ 198.65	$ 198.65	$ 198.65	$ 198.65	$ 1,191.90
173	Headblock	$	0.4884	$ 195.36	$ 195.36	$ 195.36	$ 167.33	$ 195.36	$ 195.36	$ 1,144.13
174	Tailblock	$	0.3336	$ 210.60	$ 57.42	$ 6.52	$ -	$ 73.21	$ 403.57	$ 751.31
175	HB Threshold		400							
176										
177	Total Base Rate Amount			$ 604.61	$ 451.43	$ 400.53	$ 365.98	$ 467.22	$ 797.58	$ 3,087.34
178										
179	COG Rate - (Seasonal)			$ 0.0181	$ 0.0181	$ 0.0181	$ 0.0181	$ 0.0181	$ 0.0181	$0.0181
180	COG amount			$ 18.67	$ 10.36	$ 7.59	$ 6.20	$ 11.21	$ 29.14	$ 83.16
181										
182	LDAC			$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	0.0874
183	LDAC amount			$ 90.13	$ 50.00	$ 36.67	$ 29.94	$ 54.14	$ 140.69	$ 401.58
184										
185	**Total Bill**			**$ 713.41**	**$ 511.78**	**$ 444.79**	**$ 402.13**	**$ 532.57**	**$ 967.41**	**$ 3,572.09**

DIFFERENCE:

186	**Total Bill**			**$ 56.10**	**$ 31.12**	**$ 22.82**	**$ 18.64**	**$ 33.70**	**$ 87.57**	**$ 249.95**
187	% Change			**7.86%**	**6.08%**	**5.13%**	**4.63%**	**6.33%**	**9.05%**	**7.00%**
188										
189	**Base Rate**			$ -	$ -	$ -	$ -	$ -	$ -	$ -
190	% Change			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
191										
192	**COG**			$ 56.10	$ 31.12	$ 22.82	$ 18.64	$ 33.70	$ 87.57	$ 249.95
193	% Change			300.55%	300.55%	300.55%	300.55%	300.55%	300.55%	300.55%
194										
195	**LDAC**			$ -	$ -	$ -	$ -	$ -	$ -	$ -
196	% Change			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Annual Bill Comparisons, May 24 - Oct 24 Actual Rates vs May 25 - Oct 25
May 1, 2025 - October 31, 2025
Commercial Rate (G-52)

				(1)	(2)	(3)	(4)	(5)	(6)	(7)
197	**PROPOSED G-52**			**EST**	**EST**	**EST**	**EST**	**EST**	**EST**	**Summer**
198				**May-25**	**Jun-25**	**Jul-25**	**Aug-25**	**Sep-25**	**Oct-25**	**May-Oct**
199	**average Usage (Therms)**			1,482	1,317	1,269	1,323	1,295	1,611	8,298
200										
201	**Summer:**		11/1/23 - Current							
202	Cust. Chg			$ 198.48	$ 198.48	$ 198.48	$ 198.48	$ 198.48	$ 198.48	$ 1,190.88
203	Headblock	$	0.2059	$ 205.90	$ 205.90	$ 205.90	$ 205.90	$ 205.90	$ 205.90	$ 1,235.40
204	Tailblock	$	0.1233	$ 59.45	$ 39.15	$ 33.14	$ 39.86	$ 36.39	$ 75.36	$ 283.34
205	HB Threshold		1,000							
206										
207	Total Base Rate Amount			$ 463.83	$ 443.53	$ 437.52	$ 444.24	$ 440.77	$ 479.74	$ 2,709.62
208										
209	COG Rate - (Seasonal)			$0.0726	$0.0726	$0.0726	$0.0726	$0.0726	$0.0726	$ 0.0726
210	COG amount			$ 107.60	$ 95.65	$ 92.12	$ 96.07	$ 94.02	$ 116.97	$ 602.43
211										
212	LDAC			$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874
213	LDAC amount			$ 129.54	$ 115.15	$ 110.89	$ 115.65	$ 113.19	$ 140.82	$ 725.24
214										
215	**Total Bill**			**$700.97**	**$654.32**	**$640.53**	**$655.96**	**$647.98**	**$737.52**	**$4,037.29**

May 1, 2024 - October 31, 2024
Commercial Rate (G-52)

216	**CURRENT G-52**			**ACT**	**ACT**	**ACT**	**EST**	**EST**	**EST**	**Summer**
217				**May-24**	**Jun-24**	**Jul-24**	**Aug-24**	**Sep-24**	**Oct-24**	**May-Oct**
218	**average Usage (Therms)**			1,482	1,317	1,269	1,323	1,295	1,611	8,298
219										
220	**Summer:**		11/1/23 - Current							
221	Cust. Chg			$ 198.48	$ 198.48	$ 198.48	$ 198.48	$ 198.48	$ 198.48	$ 1,190.88
222	Headblock	$	0.2059	$ 205.90	$ 205.90	$ 205.90	$ 205.90	$ 205.90	$ 205.90	$ 1,235.40
223	Tailblock	$	0.1233	$ 59.45	$ 39.15	$ 33.14	$ 39.86	$ 36.39	$ 75.36	$ 283.34
224	HB Threshold		1,000							
225										
226	Total Base Rate Amount			$ 463.83	$ 443.53	$ 437.52	$ 444.24	$ 440.77	$ 479.74	$ 2,709.62
227										
228	COG Rate - (Seasonal)			$ 0.0193	$ 0.0193	$ 0.0193	$ 0.0193	$ 0.0193	$ 0.0193	$ 0.0193
229	COG amount			$ 28.61	$ 25.43	$ 24.49	$ 25.54	$ 25.00	$ 31.10	$ 160.15
230										
231	LDAC			$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874	$ 0.0874
232	LDAC amount			$ 129.54	$ 115.15	$ 110.89	$ 115.65	$ 113.19	$ 140.82	$ 725.24
233										
234	**Total Bill**			**$621.97**	**$584.10**	**$572.91**	**$585.43**	**$578.95**	**$651.65**	**$3,595.01**

DIFFERENCE:

235	**Total Bill**			**$ 79.00**	**$ 70.22**	**$ 67.63**	**$ 70.53**	**$ 69.03**	**$ 85.87**	**$ 442.28**
236	% Change			**12.70%**	**12.02%**	**11.80%**	**12.05%**	**11.92%**	**13.18%**	**12.30%**
237										
238	**Base Rate**			$ -	$ -	$ -	$ -	$ -	$ -	$ -
239	% Change			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
240										
241	**COG**			$ 79.00	$ 70.22	$ 67.63	$ 70.53	$ 69.03	$ 85.87	$ 442.28
242	% Change			276.17%	276.17%	276.17%	276.17%	276.17%	276.17%	276.17%
243										
244	**LDAC**			$ -	$ -	$ -	$ -	$ -	$ -	$ -
245	% Change			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Residential Heating

		Summer 2024	Summer 2025
246	Customer Charge	$ -	$ -
247	First 100 Therms	$ 0.6167	$ 0.6167
248	Excess 100 Therms	$ 0.6167	$ 0.6167
249	LDAC	$ 0.1986	$ 0.1986
250	COG	$ 0.0187	$ 0.0724
251	Total Adjust	$ 0.2173	$ 0.2710

					Total		Base Rate		COG		LDAC	
			Summer 2024 @	Summer 2025 @	$ Impact	% Impact	$ Impact	% Impact	$ Impact	% Impact	$ Impact	% Impact
252			$0.2173	$0.2710	$0.05	25%						
253	Cooking alone	5	$20.93	$21.20	$0.27	1.28%	$0.00	0%	$0.27	1%	$0.00	0.00%
254		10	$25.10	$25.64	$0.54	2.14%	$0.00	0%	$0.54	2%	$0.00	0.00%
255		20	$33.44	$34.51	$1.07	3.21%	$0.00	0%	$1.07	3%	$0.00	0.00%
256	Water Heating alone	30	$41.78	$43.39	$1.61	3.86%	$0.00	0%	$1.61	4%	$0.00	0.00%
257		45	$54.29	$56.71	$2.42	4.45%	$0.00	0%	$2.42	4%	$0.00	0.00%
258		50	$58.46	$61.15	$2.69	4.59%	$0.00	0%	$2.69	4%	$0.00	0.00%
259	Heating Alone	80	$79.31	$83.34	$4.03	5.08%	$0.00	0%	$4.03	5%	$0.00	0.00%
260		125	$127.68	$134.82	$7.14	5.59%	$0.00	0%	$7.14	5%	$0.00	0.00%
261		150	$141.86	$149.92	$8.06	5.68%	$0.00	0%	$8.06	5%	$0.00	0.00%
262		200	$183.56	$194.30	$10.74	5.85%	$0.00	0%	$10.74	6%	$0.00	0.00%

				Monthly		
Month	Actual RNHCust	RNHCust2	Actual RHCust	RHCust1	Actual CHFCust	CHFCust4
1/1/2014	3,757		75,161	77,909	10,040	10,264
2/1/2014	3,386		68,058	68,327	9,108	9,133
3/1/2014	3,740		75,325	75,183	10,096	10,165
4/1/2014	3,613		72,900	72,848	9,732	9,693
5/1/2014	3,722		75,077	75,464	9,875	9,930
6/1/2014	3,581		71,756	72,140	9,346	9,377
7/1/2014	3,687		73,711	74,261	9,594	9,604
8/1/2014	3,681		73,654	73,830	9,591	9,560
9/1/2014	3,247		72,019	71,283	9,317	9,273
10/1/2014	3,187		74,841	74,677	9,748	9,792
11/1/2014	3,057		73,020	72,610	9,688	9,647
12/1/2014	3,156		76,061	75,991	10,164	10,166
1/1/2015	3,145	3,110	76,454	76,075	10,216	10,202
2/1/2015	2,845	2,824	69,224	69,461	9,262	9,166
3/1/2015	3,152	3,166	76,714	76,275	10,261	10,309
4/1/2015	3,042	3,057	74,184	74,195	9,872	9,890
5/1/2015	3,135	3,139	76,199	76,703	10,013	10,047
6/1/2015	3,044	3,035	73,215	73,333	9,540	9,505
7/1/2015	3,123	3,147	75,238	75,657	9,797	9,789
8/1/2015	3,129	3,126	75,083	75,225	9,763	9,719
9/1/2015	3,030	3,031	72,670	72,710	9,449	9,440
10/1/2015	3,121	3,134	75,672	75,586	9,956	9,937
11/1/2015	3,012	3,020	73,925	73,614	9,845	9,865
12/1/2015	3,109	3,122	76,970	76,815	10,314	10,296
1/1/2016	3,109	3,114	77,318	76,953	10,385	10,358
2/1/2016	2,904	2,908	72,509	70,330	9,750	9,696
3/1/2016	3,110	3,116	77,569	78,817	10,432	10,456
4/1/2016	3,012	3,020	74,954	75,041	10,046	10,030
5/1/2016	3,109	3,114	77,251	78,202	10,253	10,234
6/1/2016	3,006	3,015	74,506	74,307	9,750	9,740
7/1/2016	3,108	3,114	76,790	76,768	9,996	9,987
8/1/2016	3,106	3,115	76,622	76,596	9,955	9,947
9/1/2016	2,997	3,012	74,137	74,139	9,636	9,629
10/1/2016	3,101	3,107	77,097	77,040	10,129	10,132
11/1/2016	3,004	3,004	75,245	75,032	10,054	10,017
12/1/2016	3,113	3,117	78,285	78,137	10,532	10,531
1/1/2017	3,118	3,120	78,521	78,257	10,591	10,579
2/1/2017	2,748	2,804	71,137	71,524	9,581	9,550
3/1/2017	3,103	3,080	78,814	78,228	10,617	10,643
4/1/2017	3,097	3,016	75,992	76,227	10,201	10,228
5/1/2017	3,201	3,197	78,110	78,483	10,354	10,376
6/1/2017	3,096	3,103	75,270	75,236	9,879	9,848
7/1/2017	3,206	3,202	77,572	77,571	10,119	10,123
8/1/2017	3,210	3,210	77,457	77,358	10,094	10,064
9/1/2017	3,094	3,112	75,048	74,912	9,773	9,760
10/1/2017	3,189	3,201	77,938	77,871	10,212	10,264
11/1/2017	3,090	3,090	76,388	75,836	10,245	10,120
12/1/2017	3,206	3,201	79,677	79,176	10,790	10,717
1/1/2018	3,199	3,211	79,645	79,455	10,836	10,848
2/1/2018	2,891	2,884	72,011	72,633	9,806	9,784
3/1/2018	3,205	3,217	79,740	79,246	10,860	10,853
4/1/2018	3,091	3,115	77,071	77,212	10,473	10,484
5/1/2018	3,123	3,194	79,284	79,513	10,596	10,619

6/1/2018	3,079	3,034	76,310	76,360	10,106	10,070
7/1/2018	3,230	3,188	78,600	78,662	10,359	10,359
8/1/2018	3,249	3,236	78,389	78,484	10,304	10,314
9/1/2018	3,158	3,152	75,923	75,942	9,966	9,958
10/1/2018	3,269	3,264	79,056	78,865	10,533	10,453
11/1/2018	3,167	3,168	77,199	76,969	10,461	10,453
12/1/2018	3,274	3,276	80,177	80,076	10,911	10,928
1/1/2019	3,277	3,278	80,383	80,202	10,944	10,954
2/1/2019	2,954	2,960	72,754	73,438	9,914	9,911
3/1/2019	3,274	3,280	80,649	79,942	10,981	10,980
4/1/2019	3,166	3,183	77,896	78,067	10,567	10,558
5/1/2019	3,276	3,268	80,228	80,279	10,744	10,742
6/1/2019	3,169	3,180	77,427	77,220	10,216	10,242
7/1/2019	3,260	3,276	79,800	79,572	10,438	10,465
8/1/2019	3,269	3,266	79,686	79,441	10,390	10,386
9/1/2019	3,165	3,174	77,301	76,977	10,071	10,040
10/1/2019	3,270	3,273	80,450	79,948	10,660	10,562
11/1/2019	3,172	3,172	78,634	78,068	10,640	10,554
12/1/2019	3,285	3,284	81,680	81,213	11,111	11,126
1/1/2020	3,290	3,292	81,859	81,380	11,163	11,165
2/1/2020	3,084	3,090	76,733	74,618	10,464	10,477
3/1/2020	3,305	3,288	82,077	82,885	11,187	11,167
4/1/2020	3,193	3,205	79,416	79,259	10,764	10,756
5/1/2020	3,299	3,285	82,034	82,303	11,000	10,928
6/1/2020	3,205	3,193	79,300	78,727	10,478	10,485
7/1/2020	3,328	3,301	81,890	81,202	10,765	10,720
8/1/2020	3,341	3,321	81,894	81,360	10,736	10,731
9/1/2020	3,239	3,231	79,335	79,051	10,427	10,406
10/1/2020	3,342	3,332	82,273	82,016	10,924	10,941
11/1/2020	3,232	3,228	79,917	80,069	10,794	10,829
12/1/2020	3,339	3,328	82,842	82,829	11,255	11,293
1/1/2021	3,346	3,329	83,026	82,886	11,288	11,307
2/1/2021	3,020	3,014	75,095	75,992	10,225	10,261
3/1/2021	3,336	3,331	83,168	82,306	11,331	11,293
4/1/2021	3,229	3,230	80,422	80,586	10,907	10,939
5/1/2021	3,328	3,315	82,934	82,755	11,108	11,126
6/1/2021	3,210	3,216	80,122	79,919	10,609	10,626
7/1/2021	3,314	3,301	82,675	82,317	10,884	10,889
8/1/2021	3,306	3,304	82,601	82,415	10,852	10,876
9/1/2021	3,200	3,194	79,947	80,021	10,493	10,509
10/1/2021	3,306	3,291	82,786	82,898	10,993	10,997
11/1/2021	3,194	3,190	80,486	80,846	10,869	10,889
12/1/2021	3,303	3,288	83,455	83,600	11,347	11,338
1/1/2022	3,294	3,291	83,582	83,642	11,396	11,398
2/1/2022	2,969	2,961	75,565	76,700	10,316	10,367
3/1/2022	3,274	3,278	83,674	82,943	11,426	11,394
4/1/2022	3,149	3,168	80,909	81,206	11,009	11,020
5/1/2022	3,250	3,235	83,493	83,308	11,224	11,204
6/1/2022	3,142	3,139	80,609	80,501	10,696	10,724
7/1/2022	3,232	3,233	83,079	82,808	10,946	10,957
8/1/2022	3,222	3,223	82,950	82,834	10,899	10,926
9/1/2022	3,109	3,111	80,261	80,348	10,540	10,538
10/1/2022	3,198	3,201	83,277	83,149	11,086	11,033
11/1/2022	3,094	3,085	80,864	81,181	10,901	10,968
12/1/2022	3,197	3,190	83,744	83,829	11,363	11,381

1/1/2023	3,184	3,188	83,865	83,848	11,390	11,398
2/1/2023	2,839	2,853	75,836	76,867	10,317	10,354
3/1/2023	3,122	3,152	84,010	83,077	11,433	11,387
4/1/2023	3,012	3,021	81,288	81,385	11,034	11,005
5/1/2023	3,101	3,102	83,987	83,524	11,282	11,234
6/1/2023	2,995	2,994	81,209	80,831	10,833	10,799
7/1/2023	3,089	3,090	83,861	83,246	11,139	11,106
8/1/2023	3,072	3,084	83,786	83,456	11,099	11,127
9/1/2023	2,977	2,965	81,002	81,065	10,724	10,743
10/1/2023	3,063	3,073	83,799	83,876	11,197	11,195
11/1/2023	2,942	2,953	81,343	81,793	10,999	11,060
12/1/2023	3,021	3,042	84,263	84,402	11,455	11,446
1/1/2024	3,012	3,018	84,366	84,399	11,484	11,454
2/1/2024	2,813	2,803	78,962	77,404	10,769	10,789
3/1/2024	3,006	3,015	84,357	85,449	11,503	11,484
4/1/2024		**2,907**		**81,836**		**11,087**
5/1/2024		**2,999**		**84,893**		**11,285**
6/1/2024		**2,894**		**81,626**		**10,798**
7/1/2024		**2,992**		**83,759**		**11,061**
8/1/2024		**2,988**		**83,712**		**11,042**
9/1/2024		**2,883**		**81,190**		**10,694**
10/1/2024		**2,981**		**84,023**		**11,173**
11/1/2024		**2,873**		**81,968**		**11,058**
12/1/2024		**2,974**		**84,924**		**11,530**
1/1/2025		**2,970**		**84,953**		**11,554**
2/1/2025		**2,645**		**78,019**		**10,515**
3/1/2025		**2,962**		**85,011**		**11,587**
4/1/2025		**2,863**		**82,479**		**11,183**
5/1/2025		**2,954**		**85,071**		**11,361**
6/1/2025		**2,849**		**81,952**		**10,878**
7/1/2025		**2,946**		**84,181**		**11,148**
8/1/2025		**2,942**		**84,060**		**11,124**
9/1/2025		**2,837**		**81,527**		**10,786**
10/1/2025		**2,934**		**84,379**		**11,263**
11/1/2025		**2,825**		**82,312**		**11,157**
12/1/2025		**2,926**		**85,257**		**11,630**

					Rolling 12-Month Average	
Actual CNFCust	CNFCust3	Actual RNHCust	RNHCust2	Actual RHCust	RHCust1	Actual CHFCust
1,700	1,613					
1,541	1,552					
1,709	1,687					
1,650	1,650					
1,691	1,695					
1,618	1,634					
1,660	1,675					
1,656	1,660					
1,603	1,601					
1,658	1,660					
1,610	1,612					
1,677	1,670	3,484		73,465	73,710	9,692
1,677	1,680	3,434		73,573	73,557	9,706
1,513	1,531	3,388		73,670	73,652	9,719
1,672	1,660	3,339		73,786	73,743	9,733
1,609	1,615	3,292		73,893	73,855	9,745
1,645	1,656	3,243		73,986	73,958	9,756
1,578	1,590	3,198		74,108	74,058	9,772
1,627	1,637	3,151		74,235	74,174	9,789
1,616	1,630	3,105		74,354	74,290	9,803
1,562	1,563	3,087		74,409	74,409	9,814
1,619	1,621	3,082		74,478	74,485	9,832
1,577	1,576	3,078		74,553	74,569	9,845
1,636	1,639	3,074	3,076	74,629	74,637	9,857
1,645	1,641	3,071	3,076	74,701	74,711	9,871
1,534	1,501	3,076	3,083	74,975	74,783	9,912
1,637	1,682	3,072	3,079	75,046	74,995	9,926
1,573	1,581	3,070	3,076	75,110	75,065	9,941
1,614	1,622	3,068	3,074	75,198	75,190	9,961
1,550	1,561	3,065	3,072	75,305	75,271	9,978
1,596	1,609	3,063	3,069	75,435	75,364	9,995
1,596	1,599	3,061	3,068	75,563	75,478	10,011
1,539	1,543	3,059	3,067	75,685	75,597	10,026
1,603	1,598	3,057	3,065	75,804	75,718	10,041
1,566	1,559	3,056	3,063	75,914	75,837	10,058
1,632	1,627	3,057	3,063	76,024	75,947	10,076
1,635	1,635	3,057	3,063	76,124	76,056	10,094
1,477	1,490	3,044	3,055	76,009	76,155	10,080
1,616	1,625	3,044	3,052	76,113	76,106	10,095
1,559	1,560	3,051	3,051	76,200	76,205	10,108
1,597	1,606	3,058	3,058	76,271	76,228	10,116
1,538	1,543	3,066	3,066	76,335	76,306	10,127
1,581	1,597	3,074	3,073	76,400	76,373	10,137
1,583	1,584	3,083	3,081	76,470	76,436	10,149
1,532	1,530	3,091	3,089	76,546	76,500	10,160
1,588	1,591	3,098	3,097	76,616	76,570	10,167
1,553	1,545	3,105	3,104	76,711	76,637	10,183
1,620	1,616	3,113	3,111	76,827	76,723	10,205
1,620	1,625	3,120	3,119	76,921	76,823	10,225
1,465	1,478	3,132	3,125	76,993	76,915	10,244
1,623	1,616	3,140	3,137	77,071	77,000	10,264
1,569	1,571	3,140	3,145	77,161	77,082	10,287
1,613	1,621	3,133	3,145	77,258	77,168	10,307

1,557	1,564	3,132	3,139	77,345	77,262	10,326
1,608	1,622	3,134	3,138	77,431	77,353	10,346
1,640	1,617	3,137	3,140	77,508	77,447	10,363
1,596	1,593	3,143	3,144	77,581	77,532	10,379
1,658	1,661	3,149	3,149	77,674	77,615	10,406
1,624	1,620	3,156	3,155	77,742	77,710	10,424
1,683	1,691	3,161	3,162	77,784	77,785	10,434
1,682	1,692	3,168	3,167	77,845	77,847	10,443
1,518	1,541	3,173	3,174	77,907	77,914	10,452
1,680	1,669	3,179	3,179	77,983	77,972	10,462
1,624	1,626	3,185	3,185	78,052	78,043	10,470
1,674	1,671	3,198	3,191	78,130	78,107	10,482
1,621	1,617	3,205	3,203	78,223	78,179	10,492
1,692	1,674	3,208	3,210	78,323	78,255	10,498
1,706	1,685	3,210	3,213	78,431	78,334	10,505
1,644	1,641	3,210	3,215	78,546	78,421	10,514
1,706	1,689	3,210	3,215	78,663	78,511	10,525
1,658	1,647	3,210	3,216	78,782	78,603	10,540
1,714	1,704	3,211	3,216	78,907	78,697	10,556
1,714	1,701	3,212	3,217	79,030	78,795	10,575
1,604	1,552	3,223	3,228	79,362	78,894	10,620
1,716	1,735	3,226	3,229	79,481	79,139	10,638
1,659	1,645	3,228	3,231	79,608	79,238	10,654
1,714	1,693	3,230	3,232	79,758	79,407	10,675
1,653	1,647	3,233	3,233	79,914	79,533	10,697
1,704	1,702	3,239	3,235	80,088	79,668	10,724
1,700	1,699	3,245	3,240	80,272	79,828	10,753
1,648	1,643	3,251	3,245	80,442	80,001	10,783
1,705	1,704	3,257	3,249	80,594	80,174	10,805
1,651	1,660	3,262	3,254	80,701	80,340	10,818
1,708	1,713	3,267	3,258	80,797	80,475	10,830
1,709	1,714	3,271	3,261	80,895	80,600	10,840
1,548	1,568	3,266	3,255	80,758	80,715	10,820
1,713	1,700	3,268	3,258	80,849	80,667	10,832
1,659	1,662	3,271	3,260	80,933	80,777	10,844
1,712	1,711	3,274	3,263	81,008	80,815	10,853
1,654	1,662	3,274	3,265	81,076	80,914	10,864
1,710	1,716	3,273	3,265	81,142	81,007	10,874
1,710	1,715	3,270	3,263	81,201	81,095	10,884
1,654	1,659	3,267	3,260	81,252	81,176	10,889
1,709	1,714	3,264	3,257	81,295	81,249	10,895
1,653	1,666	3,261	3,254	81,342	81,314	10,901
1,706	1,716	3,258	3,250	81,393	81,379	10,909
1,707	1,710	3,253	3,247	81,439	81,441	10,918
1,543	1,562	3,249	3,243	81,479	81,500	10,925
1,710	1,692	3,244	3,238	81,521	81,554	10,933
1,654	1,653	3,237	3,233	81,561	81,605	10,942
1,710	1,701	3,231	3,226	81,608	81,651	10,952
1,654	1,654	3,225	3,220	81,648	81,700	10,959
1,710	1,712	3,218	3,214	81,682	81,741	10,964
1,706	1,711	3,211	3,207	81,711	81,776	10,968
1,650	1,651	3,204	3,200	81,737	81,803	10,972
1,703	1,706	3,195	3,193	81,778	81,824	10,980
1,652	1,657	3,186	3,184	81,810	81,852	10,982
1,707	1,712	3,177	3,176	81,834	81,871	10,984

1,711	1,709	3,168	3,168	81,857	81,888	10,983
1,549	1,564	3,157	3,159	81,880	81,902	10,983
1,717	1,696	3,145	3,148	81,908	81,913	10,984
1,664	1,659	3,133	3,136	81,940	81,928	10,986
1,715	1,709	3,121	3,125	81,981	81,946	10,991
1,655	1,658	3,109	3,113	82,031	81,973	11,002
1,713	1,711	3,097	3,101	82,096	82,010	11,018
1,712	1,712	3,084	3,089	82,166	82,062	11,035
1,659	1,655	3,073	3,077	82,227	82,121	11,050
1,715	1,713	3,062	3,066	82,271	82,182	11,059
1,662	1,667	3,049	3,055	82,311	82,233	11,067
1,721	1,720	3,035	3,043	82,354	82,281	11,075
1,722	1,721	3,020	3,029	82,396	82,327	11,083
1,615	1,574	3,018	3,025	82,656	82,371	11,121
1,726	1,759	3,009	3,013	82,685	82,569	11,126
	1,666		3,004		82,607	
	1,711		2,995		82,721	
	1,654		2,987		82,787	
	1,710		2,979		82,830	
	1,710		2,971		82,851	
	1,654		2,964		82,862	
	1,709		2,956		82,874	
	1,663		2,950		82,888	
	1,722		2,944		82,932	
	1,724		2,940		82,978	
	1,577		2,927		83,029	
	1,722		2,922		82,993	
	1,664		2,919		83,046	
	1,710		2,915		83,061	
	1,654		2,911		83,088	
	1,711		2,907		83,124	
	1,711		2,904		83,153	
	1,655		2,900		83,181	
	1,711		2,896		83,210	
	1,664		2,892		83,239	
	1,724		2,888		83,267	

10/1/2020	3,257	80,594		10,805
10/1/2021	3,264	81,295		10,895
10/1/2022	3,195	81,778		10,980
10/1/2023	3,062	82,271		11,059
10/1/2024	2,953	82,861		11,112
10/1/2025	2,896		83,210	

	0.6%		0.6%		0.6%
		-0.2%		0.3%	
		-0.2%		0.3%	
2021Q3	#N/A		#N/A		#N/A
2022Q3		#N/A		#N/A	

2023Q3	#N/A	#N/A
2024Q3	#N/A	#N/A
2025Q3	#N/A	#N/A
2026Q3	#N/A	#N/A
2027Q3	#N/A	#N/A
CAGR 21-27	#N/A	#N/A
CAGR 22-27	#N/A	#N/A

CHFCust4	Actual CNFCust	CNFCust3
9,717	1,648	1,642
9,712	1,646	1,648
9,715	1,644	1,646
9,727	1,640	1,644
9,743	1,637	1,641
9,753	1,633	1,638
9,763	1,630	1,634
9,779	1,627	1,631
9,792	1,624	1,628
9,806	1,620	1,625
9,818	1,617	1,622
9,836	1,614	1,619
9,847	1,611	1,616
9,860	1,608	1,613
9,904	1,610	1,611
9,916	1,607	1,613
9,928	1,604	1,610
9,944	1,602	1,607
9,963	1,599	1,604
9,980	1,597	1,602
9,999	1,595	1,600
10,015	1,593	1,598
10,031	1,592	1,596
10,044	1,591	1,595
10,063	1,590	1,593
10,082	1,590	1,593
10,069	1,585	1,592
10,085	1,583	1,587
10,101	1,582	1,586
10,113	1,581	1,584
10,122	1,580	1,583
10,134	1,578	1,582
10,143	1,577	1,581
10,154	1,577	1,580
10,165	1,575	1,579
10,174	1,574	1,578
10,189	1,573	1,577
10,212	1,572	1,576
10,231	1,571	1,575
10,249	1,572	1,574
10,270	1,572	1,575
10,290	1,574	1,576

10,309	1,575	1,578
10,329	1,578	1,580
10,349	1,582	1,583
10,366	1,588	1,588
10,382	1,594	1,594
10,409	1,599	1,600
10,427	1,605	1,607
10,436	1,610	1,612
10,446	1,614	1,617
10,457	1,619	1,622
10,463	1,624	1,626
10,473	1,629	1,631
10,488	1,634	1,635
10,496	1,641	1,639
10,503	1,647	1,645
10,509	1,651	1,649
10,519	1,655	1,651
10,527	1,657	1,654
10,543	1,660	1,655
10,561	1,663	1,655
10,608	1,670	1,656
10,624	1,673	1,662
10,640	1,676	1,663
10,656	1,679	1,665
10,676	1,682	1,668
10,697	1,683	1,670
10,726	1,682	1,671
10,756	1,683	1,671
10,788	1,682	1,673
10,811	1,682	1,674
10,825	1,681	1,675
10,837	1,681	1,676
10,819	1,676	1,677
10,829	1,676	1,674
10,844	1,676	1,675
10,861	1,676	1,677
10,873	1,676	1,678
10,887	1,676	1,679
10,899	1,677	1,681
10,907	1,678	1,682
10,912	1,678	1,683
10,917	1,678	1,683
10,921	1,678	1,684
10,928	1,678	1,683
10,937	1,678	1,683
10,946	1,677	1,682
10,952	1,677	1,681
10,959	1,677	1,681
10,967	1,677	1,680
10,973	1,677	1,680
10,977	1,676	1,679
10,979	1,676	1,679
10,982	1,675	1,678
10,989	1,675	1,677
10,992	1,675	1,677

10,992	1,676	1,677
10,991	1,676	1,677
10,991	1,677	1,677
10,990	1,678	1,678
10,992	1,678	1,678
10,998	1,678	1,679
11,011	1,679	1,679
11,027	1,679	1,679
11,045	1,680	1,679
11,058	1,681	1,680
11,066	1,681	1,680
11,071	1,683	1,681
11,076	1,684	1,682
11,112	1,689	1,683
11,120	1,690	1,688
11,127		1,689
11,131		1,689
11,131		1,689
11,127		1,689
11,120		1,688
11,116		1,688
11,114		1,688
11,114		1,688
11,121		1,688
11,130		1,688
11,107		1,688
11,115		1,685
11,123		1,685
11,130		1,685
11,136		1,685
11,143		1,685
11,150		1,685
11,158		1,685
11,165		1,685
11,174		1,685
11,182		1,686

	1,682	
	1,678	
	1,675	
	1,681	
	1,688	
11,165		1,685

	1.0%	
0.3%		0.0%
0.3%		0.1%
	#N/A	
#N/A		#N/A

#N/A	#N/A
#N/A	#N/A
#N/A	#N/A
#N/A	#N/A
#N/A	#N/A
#N/A	#N/A
#N/A	#N/A

	Monthly					
Month	Actual RNHUPC	RNHUPC5	Actual RHUPC	RHUPC1	Actual CHFUPC	CHFUPC2
1/1/2014	4.22		14.80	14.33	115.51	117.01
2/1/2014	4.18		14.64	13.83	113.10	112.20
3/1/2014	3.73		12.20	12.15	93.76	95.57
4/1/2014	2.54		6.66	6.68	51.28	49.89
5/1/2014	1.70		3.23	3.35	25.51	23.33
6/1/2014	1.27		1.91	1.42	14.52	8.55
7/1/2014	1.04		1.55	1.37	11.63	6.83
8/1/2014	1.04		1.57	1.37	12.86	9.46
9/1/2014	1.14		2.05	2.26	16.44	16.94
10/1/2014	1.49		3.95	4.41	30.93	34.03
11/1/2014	2.13		8.56	8.97	65.86	69.47
12/1/2014	2.57		11.58	11.26	89.11	85.17
1/1/2015	3.10	1.79	15.27	14.86	122.25	120.70
2/1/2015	3.27	3.22	16.40	16.38	132.08	131.74
3/1/2015	2.78	2.57	12.22	11.68	96.47	93.14
4/1/2015	2.06	2.11	6.53	6.36	51.32	49.27
5/1/2015	1.43	1.56	2.73	2.34	20.92	17.35
6/1/2015	1.16	1.32	1.86	2.22	14.63	13.62
7/1/2015	1.00	1.18	1.54	1.43	12.29	7.76
8/1/2015	0.93	1.04	1.44	1.13	11.50	9.84
9/1/2015	1.02	1.00	1.82	1.59	14.61	11.58
10/1/2015	1.50	1.41	4.10	5.19	33.92	41.86
11/1/2015	1.96	1.95	6.91	7.23	54.56	55.81
12/1/2015	2.33	2.25	9.12	8.93	72.33	69.10
1/1/2016	2.87	2.82	12.26	12.55	97.89	102.41
2/1/2016	2.85	2.81	12.07	12.34	96.02	99.91
3/1/2016	2.38	2.34	8.83	8.90	68.65	68.95
4/1/2016	2.00	2.05	6.21	6.59	48.19	52.88
5/1/2016	1.47	1.48	3.15	3.54	24.93	26.03
6/1/2016	1.11	1.16	1.76	1.73	13.26	10.89
7/1/2016	0.93	1.03	1.45	1.13	10.89	8.34
8/1/2016	0.89	0.97	1.38	0.78	10.64	9.22
9/1/2016	1.03	1.01	1.80	1.50	15.86	12.59
10/1/2016	1.50	1.42	3.99	4.46	34.20	38.98
11/1/2016	2.19	2.08	7.84	7.57	61.22	61.16
12/1/2016	2.96	2.78	11.95	12.12	94.47	94.00
1/1/2017	3.06	2.93	12.51	11.97	99.06	97.79
2/1/2017	2.71	2.81	11.75	11.45	93.36	92.12
3/1/2017	2.39	2.68	11.02	12.06	87.31	94.45
4/1/2017	1.83	1.69	6.10	5.40	47.71	42.52
5/1/2017	1.49	1.50	3.38	4.42	25.33	32.05
6/1/2017	1.19	1.11	1.98	1.80	12.78	12.38
7/1/2017	1.03	1.06	1.50	1.64	9.60	9.37
8/1/2017	1.02	1.03	1.51	1.20	9.92	10.69
9/1/2017	1.09	1.10	1.71	1.03	11.97	12.21
10/1/2017	1.32	1.37	3.02	3.01	22.89	23.70
11/1/2017	2.08	2.24	8.09	7.91	62.50	66.47
12/1/2017	2.88	2.99	13.74	13.64	107.97	106.61
1/1/2018	3.12	2.98	14.74	13.61	116.66	111.47
2/1/2018	2.70	2.52	11.41	11.19	89.70	90.25
3/1/2018	2.54	2.47	10.25	10.30	79.79	80.63
4/1/2018	2.13	2.06	7.16	7.34	55.06	55.55
5/1/2018	1.39	1.42	2.77	2.09	19.78	15.04

6/1/2018	1.15	1.19	1.74	1.66	11.59	10.89
7/1/2018	0.95	1.09	1.39	1.63	9.04	8.04
8/1/2018	0.93	1.01	1.36	1.16	9.20	9.83
9/1/2018	1.05	1.03	1.79	1.81	13.45	14.31
10/1/2018	1.52	1.47	4.91	5.65	38.19	45.46
11/1/2018	2.18	2.24	9.90	9.83	77.51	75.60
12/1/2018	2.51	2.63	12.09	11.62	94.80	90.28
1/1/2019	2.79	2.98	14.10	13.84	112.51	113.66
2/1/2019	2.76	2.71	13.72	12.69	109.62	103.83
3/1/2019	2.44	2.45	10.64	10.32	84.77	82.72
4/1/2019	1.92	1.91	6.12	6.01	47.76	48.46
5/1/2019	1.53	1.49	3.41	4.06	25.90	29.67
6/1/2019	1.19	1.15	1.85	1.82	12.51	11.28
7/1/2019	0.97	1.08	1.39	1.36	8.90	8.49
8/1/2019	0.96	1.00	1.38	1.48	9.37	10.49
9/1/2019	1.11	1.05	1.83	1.85	13.65	14.26
10/1/2019	1.46	1.38	4.06	4.24	31.29	34.66
11/1/2019	2.19	2.23	9.31	9.45	73.50	75.96
12/1/2019	2.60	2.53	11.73	12.07	93.79	93.19
1/1/2020	2.71	2.64	12.15	11.82	96.42	96.91
2/1/2020	2.65	2.70	11.60	12.30	92.29	99.69
3/1/2020	2.33	2.19	8.75	8.79	67.65	69.14
4/1/2020	2.08	2.04	6.64	7.11	49.57	54.40
5/1/2020	1.60	1.54	3.60	3.73	25.06	27.66
6/1/2020	1.15	1.21	1.72	1.65	10.33	10.41
7/1/2020	0.95	1.07	1.37	1.50	8.05	7.80
8/1/2020	0.95	1.02	1.37	0.92	8.61	9.61
9/1/2020	1.14	1.06	1.91	1.76	13.71	12.76
10/1/2020	1.54	1.44	4.00	4.73	32.04	38.29
11/1/2020	2.20	1.96	7.49	6.99	59.62	54.43
12/1/2020	2.77	2.71	10.94	11.27	88.01	87.23
1/1/2021	3.13	2.90	12.90	12.64	103.88	103.78
2/1/2021	3.24	2.98	13.25	12.85	107.85	104.14
3/1/2021	2.59	2.56	9.21	9.23	74.18	72.25
4/1/2021	1.94	2.08	5.41	5.75	43.08	45.70
5/1/2021	1.43	1.46	2.90	3.35	21.24	22.90
6/1/2021	1.09	1.14	1.69	1.29	11.02	8.86
7/1/2021	0.99	1.03	1.41	1.49	9.50	9.37
8/1/2021	0.95	1.05	1.35	1.20	9.09	9.81
9/1/2021	1.03	1.07	1.54	1.30	11.76	9.95
10/1/2021	1.44	1.41	3.21	3.10	25.72	26.68
11/1/2021	2.33	2.20	7.58	7.96	61.08	63.50
12/1/2021	2.99	2.74	10.72	10.56	87.29	81.50
1/1/2022	3.64	3.53	14.05	14.23	116.77	117.45
2/1/2022	3.37	3.12	12.68	11.96	105.16	97.70
3/1/2022	2.72	2.69	9.06	9.24	74.81	72.78
4/1/2022	2.06	2.12	5.68	6.18	46.59	47.54
5/1/2022	1.42	1.46	2.78	2.56	21.51	20.08
6/1/2022	1.09	1.16	1.56	1.64	10.93	10.44
7/1/2022	0.91	1.02	1.28	1.00	8.50	7.74
8/1/2022	0.85	0.96	1.21	1.21	8.53	9.48
9/1/2022	1.10	1.02	1.81	1.82	14.58	15.61
10/1/2022	1.55	1.54	3.35	3.99	29.62	34.97
11/1/2022	2.33	2.23	6.75	6.77	57.46	53.98
12/1/2022	3.29	2.97	10.32	10.43	86.36	82.46

1/1/2023	3.47	3.33	11.11	10.69	93.23	89.50
2/1/2023	3.19	3.33	11.14	11.72	94.33	96.73
3/1/2023	2.71	2.69	8.99	9.54	77.62	76.46
4/1/2023	1.97	2.03	5.21	5.37	44.85	43.46
5/1/2023	1.42	1.47	2.64	3.20	20.98	23.62
6/1/2023	1.13	1.10	1.68	1.97	12.35	14.44
7/1/2023	0.85	1.01	1.22	1.40	8.42	8.57
8/1/2023	1.03	0.96	1.39	0.94	9.49	10.78
9/1/2023	1.04	1.13	1.57	1.56	12.03	14.38
10/1/2023	1.31	1.49	2.80	3.33	24.37	29.16
11/1/2023	2.57	2.46	8.08	8.47	68.20	69.15
12/1/2023	2.83	2.97	9.57	9.44	80.26	75.04
1/1/2024	3.25	3.24	11.48	12.01	97.15	100.64
2/1/2024	3.11	3.05	10.67	11.51	89.73	94.91
3/1/2024	2.68	2.54	8.44	8.59	70.23	69.15
4/1/2024		**2.15**		**6.26**		**49.84**
5/1/2024		**1.58**		**3.39**		**26.76**
6/1/2024		**1.15**		**1.76**		**12.15**
7/1/2024		**1.10**		**1.10**		**9.01**
8/1/2024		**1.07**		**0.93**		**11.28**
9/1/2024		**1.09**		**1.91**		**15.78**
10/1/2024		**1.62**		**4.71**		**39.09**
11/1/2024		**2.38**		**8.16**		**65.29**
12/1/2024		**2.99**		**11.63**		**91.18**
1/1/2025		**3.35**		**13.38**		**111.99**
2/1/2025		**3.19**		**12.44**		**104.05**
3/1/2025		**2.72**		**10.21**		**81.66**
4/1/2025		**2.12**		**6.49**		**49.84**
5/1/2025		**1.57**		**3.59**		**26.77**
6/1/2025		**1.26**		**1.76**		**12.16**
7/1/2025		**1.18**		**1.27**		**9.02**
8/1/2025		**1.14**		**1.18**		**11.30**
9/1/2025		**1.22**		**1.99**		**15.80**
10/1/2025		**1.64**		**4.81**		**39.11**
11/1/2025		**2.34**		**8.24**		**65**
12/1/2025		**2.93**		**11.62**		**91**

					Rolling 12-Month Sum	
Actual CNFUPC	CNFUPC2	Actual RNHUPC	RNHUPC5	Actual RHUPC	RHUPC1	Actual CHFUPC
145.26	150.14					
147.25	144.32					
135.55	134.14					
102.94	106.52					
83.83	86.42					
76.08	73.63					
72.33	71.13					
73.59	75.59					
81.17	81.34					
92.53	93.18					
114.02	114.84					
127.60	124.60	27		83	81	641
153.15	153.38	26		83	82	647
169.21	161.68	25		85	84	666
139.32	139.18	24		85	84	669
107.25	110.13	24		85	84	669
82.17	85.36	23		84	83	664
79.16	80.39	23		84	83	664
73.17	72.52	23		84	84	665
73.89	77.16	23		84	83	664
77.05	77.87	23		84	83	662
93.41	97.46	23		84	83	665
104.51	102.54	23		82	82	654
111.28	113.10	23	21	80	79	637
134.45	136.31	22	22	77	77	613
134.47	134.58	22	22	73	73	576
114.56	112.29	21	22	69	70	549
101.09	104.96	21	22	69	70	546
82.51	85.16	21	22	69	72	550
74.13	74.53	21	21	69	71	548
67.02	70.85	21	21	69	71	547
70.07	71.41	21	21	69	71	546
72.93	74.67	21	21	69	70	547
86.89	90.60	21	21	69	70	547
105.95	100.93	22	21	70	70	554
128.05	128.08	22	22	73	73	576
133.31	133.28	22	22	73	73	577
133.66	131.10	22	22	73	72	575
135.59	133.17	22	22	75	75	593
107.90	102.49	22	22	75	74	593
97.71	100.44	22	22	75	75	593
87.42	84.33	22	22	75	75	593
81.83	81.73	22	22	75	75	592
85.40	84.65	22	22	75	76	591
86.68	86.69	22	22	75	75	587
96.56	93.06	22	22	74	74	576
122.42	121.83	22	22	75	74	577
150.83	146.95	22	23	76	76	590
160.82	154.37	22	23	79	77	608
142.19	144.60	22	22	78	77	604
134.85	132.69	22	22	77	75	597
120.78	119.05	23	22	78	77	604
95.94	93.10	22	22	78	75	599

87.44	91.05	22	22	78	75	597
81.96	80.23	22	22	78	75	597
83.74	84.27	22	22	77	75	596
88.49	87.36	22	22	77	75	598
107.37	108.11	22	22	79	78	613
127.13	124.51	23	22	81	80	628
134.15	135.18	22	22	80	78	615
152.34	150.97	22	22	79	78	611
151.44	146.30	22	22	81	80	631
134.55	134.17	22	22	82	80	636
111.67	111.51	22	22	81	78	628
98.29	98.30	22	22	81	80	634
84.95	85.61	22	22	81	80	635
80.20	79.48	22	22	81	80	635
82.98	83.26	22	22	81	80	635
84.59	86.40	22	22	81	81	635
100.32	97.34	22	22	80	79	629
121.50	124.95	22	22	80	79	625
135.01	131.93	22	22	80	79	624
141.25	139.07	22	22	78	77	607
141.63	143.55	22	22	75	77	590
111.12	119.25	22	21	74	75	573
92.30	104.25	22	21	74	76	575
75.23	77.61	22	22	74	76	574
69.07	66.57	22	22	74	76	572
67.77	66.51	22	22	74	76	571
72.45	72.77	22	22	74	75	570
79.53	77.92	22	22	74	75	570
94.59	95.19	22	22	74	76	571
106.77	103.56	22	21	72	73	557
119.29	127.21	22	22	72	73	551
133.52	134.13	22	22	72	73	559
137.11	135.33	23	22	74	74	574
115.59	114.95	23	22	74	74	581
98.30	100.25	23	23	73	73	574
81.61	85.00	23	22	72	73	571
77.09	74.03	23	22	72	72	571
75.85	74.66	23	22	72	72	573
79.21	77.66	23	22	72	73	573
83.59	80.54	23	22	72	72	571
92.36	93.33	23	22	71	70	565
111.62	114.95	23	23	71	71	566
123.26	123.42	23	23	71	71	566
147.86	149.50	24	23	72	72	579
139.10	135.35	24	23	72	71	576
117.64	119.83	24	24	72	71	577
98.25	101.84	24	24	72	72	580
87.06	82.39	24	24	72	71	580
82.31	81.87	24	24	72	71	580
74.51	76.55	24	24	71	71	579
76.25	77.02	24	23	71	71	579
91.09	81.53	24	23	72	71	581
103.98	103.43	24	24	72	72	585
116.59	113.45	24	24	71	71	582
128.00	132.52	24	24	71	71	581

137.02	132.51	24	24	68	67	557
135.64	141.30	24	24	66	67	546
126.88	119.50	24	24	66	68	549
105.16	105.96	24	24	66	67	548
95.48	92.25	24	24	65	67	547
87.84	89.57	24	24	65	68	548
77.78	79.98	24	24	65	68	548
85.24	80.48	24	24	66	68	549
84.47	87.98	24	24	65	68	547
95.39	95.01	24	24	65	67	541
121.83	120.16	24	24	66	69	552
121.34	124.42	24	24	65	68	546
138.44	139.45	23	24	66	69	550
131.52	135.84	23	24	65	69	545
116.76	112.34	23	23	65	68	538
	105.38		24		69	
	89.51		24		69	
	81.22		24		69	
	75.96		24		68	
	79.05		24		68	
	83.40		24		69	
	99.84		24		70	
	115.91		24		70	
	132.23		24		72	
	147.20		24		73	
	143.05		24		74	
	125.28		24		76	
	105.65		24		76	
	89.52		24		76	
	81.23		24		76	
	75.96		25		76	
	79.05		25		77	
	83.40		25		77	
	99.84		25		77	
	115.90		25		77	
	132.23		25		77	

10/1/2020	22.2	76.7		591.0
10/1/2021	23.5	78.9		625.2
10/1/2022	24.5	75.9		618.2
10/1/2023	24.8	73.6		611.0
10/1/2024	24.9	74.0		614.5
10/1/2025	24.7		76.9	

Weather Normalized				
11/1/2019	2.03	7.96		62.79
12/1/2019	2.57	11.50		92.00
1/1/2020	2.97	14.08		111.82
2/1/2020	2.74	12.27		97.60
3/1/2020	2.51	10.37		80.49
4/1/2020	2.02	6.08		45.06
5/1/2020	1.59	3.52		24.36
6/1/2020	1.15	2.00		12.62
7/1/2020	0.95	1.42		8.43

8/1/2020	0.95		1.39		8.78
9/1/2020	1.14		2.08		15.10
10/1/2020	1.54	22.17	3.99	76.67	31.98
11/1/2020	2.35	22.49	8.75	77.45	69.62
12/1/2020	2.83	22.75	11.39	77.34	91.60
1/1/2021	3.26	23.05	13.90	77.15	111.82
2/1/2021	3.25	23.56	13.33	78.22	108.51
3/1/2021	2.74	23.78	10.44	78.30	83.97
4/1/2021	2.00	23.76	5.94	78.16	47.32
5/1/2021	1.47	23.64	3.38	78.03	25.04
6/1/2021	1.09	23.58	2.11	78.13	14.35
7/1/2021	0.99	23.62	1.27	77.99	8.35
8/1/2021	0.95	23.61	1.42	78.01	9.66
9/1/2021	1.03	23.50	2.19	78.12	17.00
10/1/2021	1.55	23.51	4.75	78.88	37.95
11/1/2021	2.35	23.51	7.77	77.90	62.58
12/1/2021	3.15	23.82	11.92	78.43	96.82
1/1/2022	3.54	24.09	13.28	77.81	110.66
2/1/2022	3.49	24.34	13.55	78.03	112.08
3/1/2022	2.85	24.46	10.23	77.82	84.12
4/1/2022	2.09	24.55	5.97	77.85	48.91
5/1/2022	1.49	24.56	3.58	78.05	27.88
6/1/2022	1.09	24.56	1.69	77.63	12.01
7/1/2022	0.91	24.47	1.33	77.69	8.88
8/1/2022	0.85	24.38	1.28	77.56	9.11
9/1/2022	1.10	24.45	1.64	77.00	13.24
10/1/2022	1.57	24.46	3.63	75.88	31.89
11/1/2022	2.48	24.59	7.96	76.07	67.06
12/1/2022	3.41	24.86	11.22	75.38	93.56
1/1/2023	3.82	25.14	13.79	75.89	114.58
2/1/2023	3.31	24.96	12.05	74.38	101.57
3/1/2023	2.78	24.89	9.64	73.79	82.76
4/1/2023	2.06	24.86	6.01	73.82	51.18
5/1/2023	1.45	24.82	3.03	73.27	24.06
6/1/2023	1.13	24.87	1.38	72.96	9.99
7/1/2023	0.85	24.81	1.27	72.91	8.80
8/1/2023	1.03	25.00	1.44	73.07	9.91
9/1/2023	1.04	24.94	1.74	73.16	13.34
10/1/2023	1.41	24.78	4.04	73.57	34.19
11/1/2023	2.51	24.81	7.58	73.19	64.24
12/1/2023	3.09	24.49	11.59	73.56	96.29
1/1/2024	3.43	24.10	12.89	72.66	108.38
2/1/2024	3.27	24.06	11.82	72.43	98.90
3/1/2024	2.86	24.14	10.01	72.81	82.76

CHFUPC2	Actual CNFUPC	CNFUPC2
628	1,252	1,256
632	1,260	1,259
652	1,282	1,276
649	1,286	1,281
649	1,290	1,285
643	1,288	1,284
648	1,291	1,291
649	1,292	1,292
649	1,293	1,294
644	1,289	1,290
652	1,289	1,295
638	1,280	1,282
622	1,264	1,271
603	1,245	1,254
572	1,210	1,227
547	1,185	1,200
551	1,179	1,195
560	1,180	1,194
557	1,175	1,188
558	1,168	1,187
557	1,165	1,181
558	1,160	1,178
555	1,154	1,171
560	1,155	1,169
585	1,172	1,184
581	1,171	1,181
573	1,170	1,178
598	1,191	1,199
588	1,198	1,196
594	1,213	1,212
596	1,226	1,221
597	1,241	1,232
598	1,257	1,245
598	1,270	1,257
582	1,280	1,260
588	1,297	1,281
600	1,319	1,300
614	1,347	1,321
612	1,355	1,334
598	1,355	1,334
611	1,367	1,350
594	1,366	1,343

593	1,366	1,350
592	1,366	1,348
591	1,364	1,348
593	1,366	1,349
615	1,377	1,364
624	1,382	1,366
607	1,365	1,355
610	1,356	1,351
623	1,366	1,353
625	1,365	1,354
618	1,356	1,347
633	1,359	1,352
633	1,356	1,347
634	1,354	1,346
634	1,354	1,345
634	1,350	1,344
623	1,343	1,333
624	1,337	1,333
627	1,338	1,330
610	1,327	1,318
606	1,317	1,316
592	1,293	1,301
598	1,274	1,293
596	1,251	1,273
595	1,235	1,254
595	1,223	1,241
594	1,212	1,230
592	1,207	1,222
596	1,201	1,220
574	1,187	1,198
568	1,171	1,193
575	1,163	1,189
580	1,159	1,180
583	1,163	1,176
574	1,169	1,172
569	1,176	1,179
568	1,184	1,187
569	1,192	1,195
570	1,198	1,200
567	1,203	1,202
555	1,200	1,201
564	1,205	1,212
558	1,209	1,208
572	1,223	1,224
566	1,225	1,224
566	1,227	1,229
568	1,227	1,230
565	1,233	1,228
567	1,238	1,235
565	1,237	1,237
565	1,234	1,237
570	1,241	1,238
579	1,253	1,248
569	1,258	1,246
570	1,263	1,255

542	1,252	1,238
541	1,248	1,244
545	1,258	1,244
541	1,264	1,248
544	1,273	1,258
548	1,278	1,266
549	1,282	1,269
551	1,291	1,272
549	1,284	1,279
544	1,275	1,271
559	1,281	1,277
551	1,274	1,269
562	1,275	1,276
561	1,271	1,271
553	1,261	1,263
560		1,263
563		1,260
561		1,252
561		1,248
561		1,246
563		1,242
573		1,247
569		1,242
585		1,250
596		1,258
606		1,265
618		1,278
618		1,278
618		1,278
618		1,278
618		1,278
618		1,278
618		1,278
618		1,278
618		1,278
618		1,278

	1,214.6	
	1,240.0	
	1,274.5	
	1,321.3	
	1,273.9	
618.2		1,278.3

114.45
133.83
151.39
145.13
119.58
89.33
74.78
70.58
68.02

	72.56	
	80.44	
591.04	94.55	1214.65
597.87	113.36	1213.56
597.47	121.65	1201.38
597.47	138.75	1188.73
608.38	137.55	1181.15
611.85	122.04	1183.61
614.11	101.10	1195.37
614.79	84.11	1204.70
616.53	79.29	1213.41
616.45	75.09	1220.48
617.33	79.58	1227.51
619.23	87.04	1234.11
625.20	100.41	1239.96
618.15	112.60	1239.21
623.37	129.54	1247.09
622.22	143.83	1252.18
625.79	143.65	1258.29
625.94	123.77	1260.02
627.53	99.78	1258.70
630.37	91.26	1265.85
628.02	83.02	1269.59
628.55	74.76	1269.26
628.00	76.63	1266.30
624.24	90.20	1269.46
618.18	105.47	1274.52
622.66	122.92	1284.84
619.40	132.75	1288.05
623.31	151.08	1295.29
612.80	140.41	1292.04
611.44	130.26	1298.53
613.71	109.33	1308.08
609.89	97.51	1314.34
607.87	86.28	1317.59
607.78	78.03	1320.86
608.58	85.52	1329.75
608.68	85.33	1324.88
610.98	101.85	1321.27
608.16	119.22	1317.57
610.89	131.90	1316.72
604.69	145.84	1311.47
602.02	137.55	1308.62
602.02	125.00	1303.36

	Monthly		Rolling 12-Month Sum		
Month	Actual Company Use	CompanyUse2	Actual Company Use	CompanyUse2	
1/1/2014	4078	5301			2013/2014
2/1/2014	4720	4380			2013/2014
3/1/2014	3578	4428			2013/2014
4/1/2014	2377	2023			2013/2014
5/1/2014	896	913			2013/2014
6/1/2014	505	107			2013/2014
7/1/2014	233	90			2013/2014
8/1/2014	3492	81			2013/2014
9/1/2014	269	1322			2013/2014
10/1/2014	509	1346			2013/2014
11/1/2014	1544	2970			2014/2015
12/1/2014	2775	3609	24,975	26,571	2014/2015
1/1/2015	5403	5232	26,300	26,502	2014/2015
2/1/2015	8594	5656	30,174	27,778	2014/2015
3/1/2015	2517	4925	29,113	28,275	2014/2015
4/1/2015	1632	1743	28,368	27,995	2014/2015
5/1/2015	622	386	28,094	27,468	2014/2015
6/1/2015	325	326	27,914	27,687	2014/2015
7/1/2015	261	10	27,942	27,607	2014/2015
8/1/2015	181	58	24,631	27,584	2014/2015
9/1/2015	195	274	24,557	26,535	2014/2015
10/1/2015	216	1768	24,264	26,957	2014/2015
11/1/2015	319	2097	23,039	26,084	2015/2016
12/1/2015	1863	2629	22,127	25,103	2015/2016
1/1/2016	3976	4244	20,699	24,115	2015/2016
2/1/2016	4266	3856	16,372	22,315	2015/2016
3/1/2016	2306	3028	16,160	20,419	2015/2016
4/1/2016	1744	2099	16,272	20,775	2015/2016
5/1/2016	822	771	16,472	21,160	2015/2016
6/1/2016	587	117	16,733	20,951	2015/2016
7/1/2016	517	135	16,990	21,076	2015/2016
8/1/2016	375	109	17,184	21,127	2015/2016
9/1/2016	416	383	17,406	21,236	2015/2016
10/1/2016	843	1668	18,033	21,136	2015/2016
11/1/2016	1926	2551	19,640	21,590	2016/2017
12/1/2016	4921	4199	22,697	23,161	2016/2017
1/1/2017	3573	4391	22,294	23,308	2016/2017
2/1/2017	4177	3413	22,205	22,865	2016/2017
3/1/2017	5523	4410	25,422	24,247	2016/2017
4/1/2017	3161	2008	26,840	24,155	2016/2017
5/1/2017	1476	1509	27,493	24,894	2016/2017
6/1/2017	887	269	27,794	25,046	2016/2017
7/1/2017	579	219	27,855	25,130	2016/2017
8/1/2017	423	164	27,903	25,185	2016/2017
9/1/2017	502	350	27,989	25,152	2016/2017
10/1/2017	786	904	27,932	24,389	2016/2017
11/1/2017	2179	3002	28,185	24,840	2017/2018
12/1/2017	4412	4839	27,676	25,479	2017/2018
1/1/2018	9787	4819	33,891	25,907	2017/2018
2/1/2018	5969	4548	35,683	27,043	2017/2018
3/1/2018	4674	4124	34,833	26,757	2017/2018
4/1/2018	3783	2669	35,456	27,418	2017/2018
5/1/2018	1366	663	35,346	26,571	2017/2018

6/1/2018	603	374	35,062	26,676	2017/2018
7/1/2018	384	102	34,867	26,559	2017/2018
8/1/2018	320	86	34,763	26,481	2017/2018
9/1/2018	418	432	34,679	26,563	2017/2018
10/1/2018	818	1962	34,712	27,620	2017/2018
11/1/2018	2535	3185	35,068	27,803	2018/2019
12/1/2018	4366	3948	35,022	26,912	2018/2019
1/1/2019	5762	5104	30,997	27,197	2018/2019
2/1/2019	5307	4314	30,336	26,962	2018/2019
3/1/2019	5201	3910	30,864	26,748	2018/2019
4/1/2019	2171	2358	29,251	26,437	2018/2019
5/1/2019	1297	1088	29,182	26,863	2018/2019
6/1/2019	689	182	29,269	26,671	2018/2019
7/1/2019	424	126	29,309	26,695	2018/2019
8/1/2019	406	112	29,395	26,720	2018/2019
9/1/2019	438	444	29,414	26,732	2018/2019
10/1/2019	790	1414	29,385	26,184	2018/2019
11/1/2019	2105	3327	28,956	26,327	2019/2020
12/1/2019	3930	4009	28,519	26,388	2019/2020
1/1/2020	3962	4109	26,719	25,394	2019/2020
2/1/2020	3961	3890	25,373	24,970	2019/2020
3/1/2020	2883	2968	23,055	24,027	2019/2020
4/1/2020	2135	2307	23,018	23,976	2019/2020
5/1/2020	1501	927	23,222	23,815	2019/2020
6/1/2020	562	205	23,095	23,839	2019/2020
7/1/2020	562	107	23,232	23,819	2019/2020
8/1/2020	385	147	23,212	23,854	2019/2020
9/1/2020	337	413	23,111	23,824	2019/2020
10/1/2020	420	1614	22,741	24,024	2019/2020
11/1/2020	1741	2139	22,377	22,836	2020/2021
12/1/2020	3002	3891	21,450	22,717	2020/2021
1/1/2021	4066	4343	21,553	22,951	2020/2021
2/1/2021	5644	4065	23,236	23,126	2020/2021
3/1/2021	3833	3448	24,187	23,607	2020/2021
4/1/2021	1888	2039	23,940	23,339	2020/2021
5/1/2021	1004	743	23,443	23,155	2020/2021
6/1/2021	594	92	23,476	23,041	2020/2021
7/1/2021	428	204	23,342	23,138	2020/2021
8/1/2021	368	79	23,325	23,070	2020/2021
9/1/2021	418	218	23,406	22,875	2020/2021
10/1/2021	542	1050	23,528	22,311	2020/2021
11/1/2021	1592	2741	23,379	22,913	2021/2022
12/1/2021	2783	3457	23,160	22,479	2021/2022
1/1/2022	5481	5079	24,575	23,214	2021/2022
2/1/2022	4957	3902	23,888	23,052	2021/2022
3/1/2022	3945	3390	24,000	22,994	2021/2022
4/1/2022	2547	2157	24,659	23,111	2021/2022
5/1/2022	976	738	24,632	23,107	2021/2022
6/1/2022	452	230	24,490	23,244	2021/2022
7/1/2022	356	68	24,418	23,109	2021/2022
8/1/2022	283	80	24,332	23,110	2021/2022
9/1/2022	0	534	23,915	23,427	2021/2022
10/1/2022	542	1388	23,915	23,765	2021/2022
11/1/2022	1772	2214	24,095	23,238	2022/2023
12/1/2022	2173	3709	23,485	23,490	2022/2023

1/1/2023	2884	3515	20,888	21,926	2022/2023
2/1/2023	4900	3617	20,830	21,641	2022/2023
3/1/2023	2811	3594	19,696	21,844	2022/2023
4/1/2023	1613	1650	18,762	21,337	2022/2023
5/1/2023	948	742	18,734	21,341	2022/2023
6/1/2023	480	362	18,762	21,473	2022/2023
7/1/2023	197	35	18,603	21,440	2022/2023
8/1/2023	198	52	18,518	21,412	2022/2023
9/1/2023	607	378	19,125	21,256	2022/2023
10/1/2023	530	1170	19,112	21,038	2022/2023
11/1/2023	1782	2989	19,123	21,814	2023/2024
12/1/2023	8450	3105	25,399	21,210	2023/2024
1/1/2024	3780	5542	26,295	23,237	2023/2024
2/1/2024	3444	3604	24,839	23,224	2023/2024
3/1/2024	1738	2912	23,766	22,543	2023/2024
4/1/2024		**1816**		22,709	2023/2024
5/1/2024		**872**		22,839	2023/2024
6/1/2024		**188**		22,666	2023/2024
7/1/2024		**16**		22,647	2023/2024
8/1/2024		**29**		22,623	2023/2024
9/1/2024		**402**		22,647	2023/2024
10/1/2024		**1610**		23,087	2023/2024
11/1/2024		**2917**		23,015	2024/2025
12/1/2024		**4223**		24,133	2024/2025
1/1/2025		**4981**		23,572	2024/2025
2/1/2025		**4213**		24,181	2024/2025
3/1/2025		**3619**		24,887	2024/2025
4/1/2025		**2095**		25,166	2024/2025
5/1/2025		**935**		25,229	2024/2025
6/1/2025		**203**		25,243	2024/2025
7/1/2025		**19**		25,246	2024/2025
8/1/2025		**29**		25,247	2024/2025
9/1/2025		**402**		25,247	2024/2025
10/1/2025		**1610**		25,247	2024/2025
11/1/2025		**2917**		25,247	2025/2026
12/1/2025		**4223**		25,247	2025/2026

Normalized	11/1/2023	1,580.4	10/1/2020
Normalized	12/1/2023	9,267	10/1/2021
Normalized	1/1/2024	4,352	10/1/2022
Normalized	2/1/2024	3,912	10/1/2023
Normalized	3/1/2024	2,376	10/1/2024
Forecast	4/1/2024	1,816	10/1/2025
Forecast	5/1/2024	872	
Forecast	6/1/2024	188	
Forecast	7/1/2024	16	
Forecast	8/1/2024	29	
Forecast	9/1/2024	402	
Forecast	10/1/2024	1,610	
	2023/2024	26,421	

	Weather Normalized	
11/1/2019	1,559	
12/1/2019	3,838	
1/1/2020	4,748	
2/1/2020	4,232	
3/1/2020	3,537	
4/1/2020	1,905	
5/1/2020	1,465	
6/1/2020	678	
7/1/2020	581	
8/1/2020	394	
9/1/2020	408	
10/1/2020	417	23,763
11/1/2020	2,251	24,455
12/1/2020	3,185	23,802
1/1/2021	4,470	23,524
2/1/2021	5,678	24,970
3/1/2021	4,333	25,765
4/1/2021	2,104	25,965
5/1/2021	1,198	25,697
6/1/2021	764	25,783
7/1/2021	370	25,571
8/1/2021	398	25,575
9/1/2021	685	25,852
10/1/2021	1,165	26,601
11/1/2021	1,668	26,017
12/1/2021	3,269	26,102
1/1/2022	5,169	26,801
2/1/2022	5,310	26,433
3/1/2022	4,420	26,520
4/1/2022	2,665	27,081
5/1/2022	1,301	27,184
6/1/2022	507	26,928
7/1/2022	376	26,934
8/1/2022	312	26,848
9/1/2022	-68	26,095
10/1/2022	658	25,588
11/1/2022	2,261	26,181
12/1/2022	2,541	25,452
1/1/2023	3,973	24,255
2/1/2023	5,269	24,214
3/1/2023	3,073	22,867
4/1/2023	1,936	22,137
5/1/2023	1,105	21,941
6/1/2023	359	21,793
7/1/2023	217	21,634
8/1/2023	219	21,542
9/1/2023	673	22,283
10/1/2023	1,031	22,656
11/1/2023	1,580	21,975
12/1/2023	9,267	28,701
1/1/2024	4,352	29,081
2/1/2024	3,912	27,724
3/1/2024	2,376	27,027

23,763
26,601
25,588
22,656
26,421

25,247

							Monthly
Month	Actual RNH	Actual RH	Actual CHF	Actual CNF	Actual CHZ	Actual CNZ	Actual G54Z
1/1/2014	15,869	1,112,523	1,159,746	246,884	45,921	41,040	108,414
2/1/2014	14,143	996,391	1,030,112	226,958	40,801	36,385	92,909
3/1/2014	13,961	919,207	946,601	231,678	40,397	36,669	111,124
4/1/2014	9,167	485,459	499,020	169,820	26,309	29,755	118,406
5/1/2014	6,330	242,849	251,903	141,783	14,611	24,780	142,475
6/1/2014	4,534	137,260	135,722	123,097	8,119	23,756	145,096
7/1/2014	3,848	113,924	111,547	120,043	7,778	22,431	148,745
8/1/2014	3,828	115,642	123,360	121,889	7,670	23,531	153,350
9/1/2014	3,703	147,415	153,158	130,144	9,336	32,489	152,979
10/1/2014	4,758	295,452	301,518	153,373	18,978	32,948	160,580
11/1/2014	6,526	624,906	638,004	183,540	30,422	43,679	144,365
12/1/2014	8,125	880,442	905,687	214,043	36,195	49,193	99,839
1/1/2015	9,747	1,167,418	1,248,838	256,840	51,902	60,702	85,067
2/1/2015	9,301	1,135,285	1,223,351	256,021	47,272	58,540	69,252
3/1/2015	8,753	937,661	989,845	232,885	40,956	52,149	95,251
4/1/2015	6,270	484,119	506,632	172,578	26,614	38,885	93,901
5/1/2015	4,469	207,692	209,424	135,122	12,330	32,406	131,909
6/1/2015	3,543	136,385	139,587	124,907	7,410	31,674	152,570
7/1/2015	3,108	115,608	120,450	119,049	7,117	29,166	156,900
8/1/2015	2,900	108,249	112,293	119,398	6,627	31,294	159,032
9/1/2015	3,092	132,263	138,068	120,347	11,483	29,496	144,441
10/1/2015	4,696	309,948	337,747	151,271	20,723	36,086	171,014
11/1/2015	5,891	510,822	537,091	164,753	27,765	37,479	152,156
12/1/2015	7,257	702,143	745,992	182,097	31,131	40,649	125,384
1/1/2016	8,936	947,999	1,016,553	221,211	40,697	50,076	107,697
2/1/2016	8,270	874,962	936,209	206,291	48,489	41,784	71,609
3/1/2016	7,413	685,313	716,204	187,481	44,402	38,779	73,202
4/1/2016	6,035	465,472	484,151	159,042	38,444	34,558	109,247
5/1/2016	4,569	243,188	255,604	133,201	26,782	30,586	119,490
6/1/2016	3,349	131,255	129,303	114,878	17,775	27,493	123,201
7/1/2016	2,902	111,679	108,830	106,989	7,742	24,551	140,542
8/1/2016	2,766	106,106	105,940	111,819	6,761	26,788	159,134
9/1/2016	3,089	133,155	152,834	112,256	10,508	26,083	149,453
10/1/2016	4,660	307,787	346,365	139,281	28,161	30,565	139,892
11/1/2016	6,576	589,774	615,537	165,867	36,461	34,368	130,000
12/1/2016	9,228	935,368	994,883	209,011	47,606	42,702	115,112
1/1/2017	9,534	982,052	1,049,195	218,013	47,617	43,652	102,641
2/1/2017	7,447	835,839	894,441	197,467	38,830	38,642	93,645
3/1/2017	7,403	868,498	926,922	219,124	45,227	43,870	107,093
4/1/2017	5,671	463,390	486,666	168,186	26,544	32,109	118,401
5/1/2017	4,783	264,276	262,289	156,088	19,425	31,005	156,676
6/1/2017	3,696	148,897	126,226	134,438	11,012	26,775	150,314
7/1/2017	3,288	116,593	97,134	129,329	10,649	25,342	145,462
8/1/2017	3,270	117,280	100,141	135,159	12,356	27,766	176,640
9/1/2017	3,382	127,978	116,960	132,784	10,323	25,167	167,545
10/1/2017	4,210	235,497	233,804	153,349	20,234	29,259	168,854
11/1/2017	6,430	617,717	640,383	190,122	33,608	36,337	163,160
12/1/2017	9,230	1,094,645	1,165,073	244,268	51,805	45,793	119,494
1/1/2018	9,968	1,173,865	1,264,116	260,571	54,670	48,120	105,560
2/1/2018	7,800	821,761	879,623	208,302	41,163	37,754	90,572
3/1/2018	8,151	817,081	866,497	218,907	41,408	40,393	116,080

4/1/2018	6,580	552,080	576,612	189,538	33,965	36,416	117,720
5/1/2018	4,355	219,791	209,568	154,734	15,772	29,479	145,197
6/1/2018	3,526	132,664	117,162	136,171	9,200	25,754	148,689
7/1/2018	3,059	109,468	93,630	131,756	7,677	25,441	147,331
8/1/2018	3,021	106,454	94,791	137,324	8,543	26,277	153,491
9/1/2018	3,329	135,522	134,064	141,246	11,998	26,849	158,515
10/1/2018	4,978	388,114	402,271	177,995	27,387	33,876	175,154
11/1/2018	6,896	764,425	810,814	206,400	39,615	38,167	148,300
12/1/2018	8,215	969,017	1,034,370	225,768	45,508	44,720	115,610
1/1/2019	9,143	1,133,530	1,231,311	256,248	50,796	51,624	104,998
2/1/2019	8,148	998,028	1,086,801	229,958	45,331	43,847	100,748
3/1/2019	8,001	857,914	930,783	226,105	43,336	41,377	101,052
4/1/2019	6,078	476,823	504,702	181,362	31,947	31,798	116,590
5/1/2019	4,996	273,725	278,251	164,544	22,548	29,556	153,079
6/1/2019	3,782	143,100	127,805	137,711	13,129	25,796	159,561
7/1/2019	3,156	110,891	92,933	135,722	10,643	27,421	168,287
8/1/2019	3,145	109,910	97,325	141,563	9,274	27,516	163,856
9/1/2019	3,502	141,734	137,433	139,062	11,925	28,897	154,936
10/1/2019	4,761	326,773	333,576	171,162	21,726	31,316	160,571
11/1/2019	6,958	731,823	782,037	201,462	37,096	38,715	131,195
12/1/2019	8,541	958,052	1,042,060	231,363	47,832	42,750	101,780
1/1/2020	8,917	994,364	1,076,340	242,035	42,452	44,268	107,975
2/1/2020	8,167	889,971	965,725	227,213	39,243	40,156	97,874
3/1/2020	7,692	718,273	756,851	190,678	33,039	40,383	100,256
4/1/2020	6,657	527,650	533,505	153,170	27,090	33,176	121,798
5/1/2020	5,278	295,720	275,648	128,928	19,524	29,039	131,370
6/1/2020	3,675	136,132	108,248	114,161	8,187	24,319	132,252
7/1/2020	3,171	112,149	86,639	115,480	7,789	25,778	152,116
8/1/2020	3,187	112,204	92,433	123,185	7,589	24,503	159,572
9/1/2020	3,692	151,398	142,958	131,069	11,359	25,283	155,562
10/1/2020	5,153	329,237	349,979	161,235	22,064	29,497	147,725
11/1/2020	7,117	598,429	643,496	176,232	30,869	32,975	141,295
12/1/2020	9,257	906,532	990,627	203,692	41,522	38,049	103,481
1/1/2021	10,471	1,070,859	1,172,635	228,231	45,814	45,109	111,538
2/1/2021	9,771	995,156	1,102,740	212,268	42,270	40,008	89,248
3/1/2021	8,658	766,049	840,498	198,056	35,759	39,588	107,414
4/1/2021	6,269	435,086	469,823	163,081	24,881	32,054	129,997
5/1/2021	4,766	240,645	235,957	139,711	15,842	28,613	144,333
6/1/2021	3,494	135,637	116,949	127,497	8,151	26,677	146,149
7/1/2021	3,283	116,940	103,355	129,664	8,331	26,140	147,502
8/1/2021	3,124	111,102	98,612	135,476	8,108	25,038	161,894
9/1/2021	3,294	122,808	123,417	138,275	10,179	26,410	160,295
10/1/2021	4,748	266,139	282,788	157,866	17,366	29,373	133,268
11/1/2021	7,442	610,010	663,851	184,530	30,810	36,187	136,413
12/1/2021	9,875	894,699	990,550	210,236	38,895	39,964	114,285
1/1/2022	11,979	1,174,082	1,330,822	252,351	49,474	46,272	100,621
2/1/2022	10,018	958,408	1,084,796	214,682	39,270	40,787	89,079
3/1/2022	8,897	758,447	854,733	201,109	35,705	40,403	108,868
4/1/2022	6,476	459,607	512,960	162,538	25,880	33,744	128,690
5/1/2022	4,616	231,944	241,419	148,851	16,311	28,278	119,855
6/1/2022	3,414	125,636	116,875	136,150	7,945	27,108	112,531
7/1/2022	2,930	106,374	93,056	127,398	6,851	26,713	119,380
8/1/2022	2,742	100,388	92,985	130,092	6,936	26,085	140,950
9/1/2022	3,407	145,001	153,711	150,300	8,695	18,030	118,295
10/1/2022	4,945	278,958	328,320	177,101	15,058	20,462	134,390

11/1/2022	7,221	546,034	626,342	192,603	20,911	22,899	110,077
12/1/2022	10,531	863,816	981,302	218,485	29,185	26,383	78,842
1/1/2023	11,036	931,347	1,061,887	234,431	30,396	26,175	114,047
2/1/2023	9,055	844,988	973,128	210,150	28,222	25,125	98,046
3/1/2023	8,458	755,352	887,412	217,834	27,350	26,124	99,642
4/1/2023	5,934	423,819	494,912	174,949	19,887	21,417	105,256
5/1/2023	4,390	221,807	236,688	163,761	12,830	20,575	131,213
6/1/2023	3,387	136,548	133,842	145,359	12,577	18,274	125,014
7/1/2023	2,637	102,631	93,752	133,254	6,420	17,225	116,731
8/1/2023	3,172	116,397	105,329	145,896	7,803	18,908	115,556
9/1/2023	3,104	127,274	129,059	140,118	7,007	17,897	101,695
10/1/2023	4,028	234,974	272,886	163,575	8,403	19,632	131,823
11/1/2023	7,558	657,222	750,121	202,455	22,108	22,652	125,668
12/1/2023	8,547	806,731	919,333	208,794	23,903	22,039	96,606
1/1/2024	9,787	968,735	1,115,674	238,434	31,954	27,099	103,308
2/1/2024	8,748	842,555	966,305	212,415	27,020	24,801	92,813
3/1/2024	8,060	711,965	807,887	201,473	24,199	23,256	94,084
4/1/2024							
5/1/2024							
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11/1/2025							
12/1/2025							

RNH	RH	CHF	CNF	CHZ	CNZ	G54Z	Actual RNH	Actual RH
	1,116,599	1,201,016	242,221	47,879	45,436	101,689		
	945,232	1,024,707	223,948	41,985	37,794	92,012		
	913,189	971,436	226,248	39,935	38,000	102,532		
	486,967	483,587	175,784	25,503	30,783	120,018		
	252,462	231,620	146,452	17,282	26,874	141,290		
	102,381	80,195	120,347	10,330	26,080	142,800		
	101,559	65,624	119,125	8,680	26,079	147,942		
	101,085	90,445	125,495	8,931	25,235	157,410		
	161,304	157,095	130,266	12,747	26,274	146,481		
	329,361	333,197	154,663	17,546	32,839	159,472		
	651,258	670,178	185,117	32,256	38,616	142,080		
	855,339	865,858	208,098	37,141	47,614	111,354	94,794	6,071,470
5,551	1,130,589	1,231,411	257,653	48,247	54,002	98,172	88,671	6,126,364
9,080	1,137,798	1,207,463	247,476	51,929	53,472	79,869	83,829	6,265,258
8,123	891,150	960,171	231,054	38,713	51,617	90,239	78,621	6,283,712
6,439	471,833	487,237	177,843	26,309	42,140	112,028	75,723	6,282,372
4,896	179,521	174,326	141,378	13,857	32,110	128,566	73,862	6,247,215
3,995	162,804	129,423	127,826	11,432	30,543	137,761	72,871	6,246,341
3,713	108,000	75,974	118,707	6,605	29,569	152,843	72,131	6,248,024
3,258	84,691	95,593	125,754	7,535	26,717	162,693	71,203	6,240,631
3,022	115,794	109,335	121,735	8,879	29,138	150,407	70,592	6,225,479
4,434	392,540	415,961	157,971	23,246	28,641	155,573	70,531	6,239,976
5,890	532,141	550,549	161,609	26,400	39,574	148,625	69,896	6,125,892
7,029	685,864	711,454	185,375	32,633	40,612	116,445	69,027	5,947,593
8,771	965,632	1,060,797	223,680	42,443	45,433	113,035	68,215	5,728,175
8,169	868,003	968,722	201,983	46,244	42,929	93,127	67,184	5,467,852
7,298	701,417	720,975	188,822	41,226	41,151	92,338	65,844	5,215,504
6,201	494,742	530,404	165,982	34,782	31,096	100,691	65,610	5,196,857
4,595	277,007	266,442	138,117	21,126	30,039	137,812	65,710	5,232,353
3,496	128,346	106,039	116,336	16,627	30,255	131,725	65,516	5,227,222
3,214	86,566	83,276	114,007	13,485	27,187	137,477	65,310	5,223,294
3,024	59,756	91,732	114,197	6,700	25,280	154,491	65,176	5,221,150
3,053	111,572	121,182	115,202	8,548	26,730	151,265	65,173	5,222,042
4,398	343,445	394,907	144,739	23,708	26,481	159,131	65,137	5,219,881
6,247	568,148	612,628	157,318	31,476	35,039	132,286	65,822	5,298,833
8,671	947,027	989,924	208,390	46,155	39,089	105,028	67,794	5,532,058
9,131	936,351	1,034,582	217,982	44,682	47,757	108,141	68,392	5,566,110
7,889	819,047	879,811	195,300	40,238	39,694	91,078	67,570	5,526,987
8,249	943,451	1,005,219	216,391	42,636	39,330	105,168	67,559	5,710,172
5,086	411,262	434,902	159,894	26,331	35,500	120,005	67,195	5,708,090
4,790	347,087	332,587	161,353	22,692	28,437	143,456	67,409	5,729,178
3,451	135,290	121,952	130,145	13,411	30,094	152,734	67,757	5,746,820
3,399	127,516	94,810	130,528	9,044	27,808	152,865	68,143	5,751,735
3,297	93,022	107,623	134,050	9,267	26,795	157,577	68,647	5,762,909
3,412	76,837	119,147	132,653	12,900	27,175	161,196	68,940	5,757,733
4,384	234,008	243,241	148,051	15,887	26,505	169,304	68,490	5,685,442
6,928	600,169	672,707	188,265	35,955	33,912	148,370	68,344	5,713,386
9,582	1,080,150	1,142,497	237,523	48,506	40,777	123,365	68,346	5,872,663
9,584	1,081,419	1,209,206	250,881	51,367	50,489	110,594	68,780	6,064,475
7,276	812,722	883,093	213,669	41,112	43,146	92,709	69,133	6,050,398
7,962	816,296	875,066	214,412	40,574	39,631	103,506	69,882	5,998,980

6,424	566,683	582,400	187,028	31,407	33,555	125,014	70,790	6,087,670
4,549	166,192	159,764	150,953	15,922	30,628	143,213	70,363	6,043,185
3,617	126,923	109,688	142,374	12,284	28,076	146,655	70,193	6,026,952
3,474	127,987	83,324	130,137	8,223	26,226	152,360	69,964	6,019,826
3,267	90,834	101,336	136,260	8,264	28,030	159,179	69,715	6,009,001
3,247	137,784	142,498	139,182	11,143	27,179	149,213	69,662	6,016,545
4,785	445,850	475,155	179,535	25,166	27,366	165,276	70,429	6,169,162
7,103	756,357	790,215	201,689	38,004	38,428	152,949	70,895	6,315,870
8,602	930,162	986,587	228,573	44,946	42,406	116,435	69,879	6,190,242
9,754	1,110,389	1,245,023	255,408	52,538	49,554	109,810	69,055	6,149,907
8,021	931,977	1,029,085	225,437	44,098	45,659	93,793	69,402	6,326,175
8,036	824,615	908,294	223,986	40,728	43,474	110,487	69,252	6,367,008
6,083	469,006	511,708	181,278	30,139	33,541	118,037	68,750	6,291,751
4,872	326,045	318,711	164,265	22,818	28,301	143,709	69,391	6,345,684
3,660	140,168	115,554	138,395	13,231	28,934	151,837	69,646	6,356,121
3,533	107,858	88,875	133,035	10,084	26,126	158,803	69,743	6,357,544
3,282	117,446	108,950	140,334	9,314	27,985	170,688	69,867	6,360,999
3,327	142,196	143,130	141,776	11,371	28,041	154,380	70,040	6,367,210
4,519	339,102	366,114	164,365	20,287	29,486	162,227	69,822	6,305,869
7,074	737,638	801,692	205,779	37,067	36,351	143,300	69,885	6,273,267
8,301	980,234	1,036,822	224,789	43,973	42,890	104,876	70,211	6,262,302
8,702	962,233	1,081,943	236,536	45,804	47,795	99,556	69,985	6,123,135
8,333	917,717	1,044,442	222,832	40,861	38,473	92,404	70,004	6,015,078
7,198	728,262	772,092	206,946	33,242	41,910	105,550	69,694	5,875,438
6,526	563,208	585,116	171,466	28,406	33,351	114,004	70,274	5,926,265
5,059	306,991	302,304	131,434	18,021	28,688	142,883	70,555	5,948,260
3,870	129,625	109,158	109,650	12,594	28,893	136,244	70,449	5,941,291
3,518	121,716	83,612	113,201	8,229	26,369	140,348	70,464	5,942,549
3,383	74,595	103,115	123,645	8,402	26,806	158,736	70,506	5,944,843
3,422	139,118	132,818	127,987	10,121	25,504	149,432	70,696	5,954,508
4,810	388,062	418,941	162,166	21,621	25,989	160,521	71,088	5,956,973
6,315	559,430	589,399	171,870	28,470	34,461	134,768	71,246	5,823,579
9,022	933,621	985,123	217,971	43,253	38,231	109,595	71,962	5,772,059
9,647	1,047,976	1,173,453	229,889	45,190	44,084	100,299	73,516	5,848,554
8,978	976,235	1,068,601	212,128	42,144	41,490	94,744	75,121	5,953,740
8,514	759,464	815,919	195,449	33,866	41,220	101,742	76,086	6,001,515
6,723	463,260	499,910	166,617	25,583	33,244	119,420	75,698	5,908,951
4,839	277,472	254,827	145,466	16,621	28,784	149,308	75,187	5,853,876
3,657	103,015	94,116	123,026	9,936	28,633	145,627	75,005	5,853,381
3,398	122,785	101,996	128,133	8,449	27,198	150,455	75,117	5,858,173
3,484	99,259	106,702	133,188	8,107	27,703	158,763	75,053	5,857,071
3,429	104,260	104,528	133,649	9,825	26,255	153,292	74,656	5,828,482
4,627	257,310	293,395	159,964	17,400	27,853	137,771	74,250	5,765,383
7,032	643,568	691,479	191,546	32,027	35,009	144,599	74,575	5,776,964
9,012	882,602	924,076	211,790	38,326	40,807	109,201	75,193	5,765,131
11,610	1,190,116	1,338,725	255,668	50,363	45,732	108,361	76,701	5,868,354
9,248	917,017	1,012,861	211,413	39,623	41,067	90,669	76,948	5,831,605
8,828	766,260	829,228	202,704	34,673	41,726	103,389	77,187	5,824,003
6,718	501,794	523,841	168,372	26,595	34,454	121,756	77,394	5,848,524
4,716	212,870	224,960	140,173	15,748	30,416	115,975	77,244	5,839,824
3,647	131,641	111,971	135,437	11,908	28,602	118,080	77,165	5,829,823
3,312	82,501	84,803	131,020	7,317	27,664	117,760	76,812	5,819,257
3,091	100,234	103,580	131,753	7,617	27,951	129,004	76,430	5,808,543
3,189	146,634	164,455	134,621	11,284	18,170	127,426	76,543	5,830,735
4,919	331,516	385,832	176,490	13,952	20,329	128,164	76,740	5,843,555

6,866	549,938	592,053	188,038	19,897	25,858	115,458	76,519	5,779,579
9,474	874,107	938,489	226,873	31,902	28,770	80,286	77,176	5,748,696
10,618	896,633	1,020,148	226,450	31,179	27,009	108,396	76,232	5,505,962
9,497	900,633	1,001,591	220,989	30,790	23,479	80,036	75,269	5,392,542
8,481	792,622	870,637	202,628	26,133	24,684	100,697	74,830	5,389,448
6,141	436,660	478,252	175,755	19,654	19,750	109,056	74,288	5,353,660
4,573	266,884	265,319	157,648	12,861	17,841	129,425	74,062	5,343,523
3,304	159,068	155,972	148,507	8,728	19,941	131,982	74,036	5,354,435
3,118	116,335	95,133	136,829	7,893	18,324	132,270	73,743	5,350,692
2,954	78,630	119,990	137,814	5,410	17,699	135,165	74,172	5,366,700
3,365	126,441	154,440	145,602	8,186	18,503	121,044	73,869	5,348,973
4,580	279,216	326,423	162,787	12,053	17,064	126,594	72,952	5,304,989
7,258	693,001	764,748	200,336	21,705	22,680	121,582	73,289	5,416,176
9,022	796,390	858,930	214,041	24,779	25,513	96,370	71,305	5,359,091
9,774	1,013,695	1,152,762	240,043	32,447	28,458	91,671	70,056	5,396,478
8,541	890,761	1,024,023	213,826	28,630	22,908	85,160	69,749	5,394,045
7,669	734,361	794,097	197,585	23,227	23,639	98,427	69,351	5,350,657
6,246	**512,088**	**552,618**	**175,614**	**22,003**	**16,562**	**106,568**		
4,730	**287,942**	**302,026**	**153,177**	**14,165**	**13,129**	**130,682**		
3,339	**143,695**	**131,226**	**134,342**	**9,960**	**13,916**	**132,190**		
3,292	**91,799**	**99,666**	**129,880**	**7,927**	**15,001**	**136,688**		
3,211	**78,270**	**124,583**	**135,137**	**7,700**	**16,138**	**146,588**		
3,140	**155,317**	**168,790**	**137,915**	**9,352**	**16,971**	**138,536**		
4,834	**395,940**	**436,785**	**170,645**	**16,131**	**17,313**	**147,257**		
6,834	**668,479**	**722,008**	**192,716**	**21,856**	**22,323**	**130,436**		
8,881	**987,275**	**1,051,259**	**227,723**	**30,839**	**26,191**	**99,329**		
9,938	**1,136,936**	**1,293,885**	**253,743**	**36,432**	**32,176**	**93,482**		
8,435	**970,914**	**1,094,088**	**225,535**	**31,398**	**27,440**	**80,044**		
8,059	**868,192**	**946,170**	**215,777**	**28,143**	**25,702**	**91,670**		
6,080	**535,351**	**557,344**	**175,851**	**21,368**	**18,895**	**105,491**		
4,647	**305,540**	**304,076**	**153,093**	**13,757**	**15,045**	**130,323**		
3,584	**143,899**	**132,277**	**134,339**	**9,125**	**14,773**	**132,208**		
3,470	**106,672**	**100,598**	**129,931**	**7,846**	**14,880**	**136,896**		
3,350	**98,953**	**125,694**	**135,227**	**7,717**	**15,663**	**146,883**		
3,455	**162,538**	**170,427**	**138,033**	**9,895**	**16,215**	**138,863**		
4,807	**405,789**	**440,503**	**170,804**	**17,628**	**16,366**	**147,587**		
6,622	**677,939**	**728,722**	**192,902**	**23,123**	**21,306**	**130,753**		
8,566	**991,040**	**1,060,608**	**227,922**	**31,939**	**25,303**	**99,625**		

	RNH
10/1/2020	71,985
10/1/2021	76,592
10/1/2022	78,175
10/1/2023	76,138
10/1/2024	73,651
10/1/2025	

Weather Normalized

	RNH
11/1/2019	6,439
12/1/2019	8,446

1/1/2020	9,755
2/1/2020	8,448
3/1/2020	8,310
4/1/2020	6,458
5/1/2020	5,253
6/1/2020	3,675
7/1/2020	3,171
8/1/2020	3,187
9/1/2020	3,692
10/1/2020	5,151
11/1/2020	7,611
12/1/2020	9,452
1/1/2021	10,911
2/1/2021	9,805
3/1/2021	9,133
4/1/2021	6,458
5/1/2021	4,899
6/1/2021	3,494
7/1/2021	3,283
8/1/2021	3,124
9/1/2021	3,294
10/1/2021	5,128
11/1/2021	7,515
12/1/2021	10,387
1/1/2022	11,646
2/1/2022	10,370
3/1/2022	9,341
4/1/2022	6,577
5/1/2022	4,833
6/1/2022	3,414
7/1/2022	2,930
8/1/2022	2,742
9/1/2022	3,407
10/1/2022	5,013
11/1/2022	7,675
12/1/2022	10,906
1/1/2023	12,160
2/1/2023	9,407
3/1/2023	8,691
4/1/2023	6,198
5/1/2023	4,490
6/1/2023	3,387
7/1/2023	2,637
8/1/2023	3,172
9/1/2023	3,104
10/1/2023	4,311
11/1/2023	7,380
12/1/2023	9,335
1/1/2024	10,346
2/1/2024	9,191
3/1/2024	8,608

Actual CHF	Actual CNF	Actual CHZ	Actual CNZ	Actual G54Z	Annual RNH	RH	CHF
6,256,377	2,063,252	286,536	396,656	1,578,283		6,016,737	6,174,959
6,345,469	2,073,208	292,516	416,317	1,554,937		6,030,727	6,205,354
6,538,707	2,102,272	298,987	438,472	1,531,280		6,223,293	6,388,109
6,581,952	2,103,479	299,546	453,952	1,515,407		6,201,254	6,376,843
6,589,564	2,106,236	299,852	463,082	1,490,902		6,186,120	6,380,493
6,547,085	2,099,576	297,571	470,708	1,480,336		6,113,179	6,323,199
6,550,951	2,101,386	296,863	478,626	1,487,810		6,173,602	6,372,426
6,559,854	2,100,392	296,202	485,361	1,495,964		6,180,043	6,382,776
6,548,788	2,097,901	295,160	493,124	1,501,646		6,163,649	6,387,924
6,533,698	2,088,105	297,307	490,131	1,493,108		6,118,138	6,340,163
6,569,927	2,086,002	299,052	493,269	1,503,542		6,181,318	6,422,928
6,469,014	2,067,216	296,394	487,069	1,511,333		6,062,202	6,303,299
6,309,319	2,035,270	291,331	478,525	1,536,878	65,429	5,892,727	6,148,896
6,077,035	1,999,641	280,126	467,900	1,559,507	68,649	5,727,770	5,978,282
5,789,893	1,949,911	281,344	451,143	1,561,863	67,738	5,457,975	5,739,541
5,516,251	1,904,507	284,789	437,773	1,539,814	66,913	5,268,242	5,500,346
5,493,770	1,890,971	296,619	433,446	1,555,160	66,675	5,291,151	5,543,513
5,539,950	1,889,049	311,071	431,626	1,542,741	66,374	5,388,637	5,635,629
5,529,666	1,879,020	321,436	427,445	1,513,371	65,876	5,354,178	5,612,245
5,518,046	1,866,960	322,061	422,831	1,497,014	65,377	5,332,744	5,619,548
5,511,693	1,859,380	322,195	418,325	1,497,116	65,142	5,307,809	5,615,687
5,526,459	1,851,290	321,220	414,911	1,502,127	65,173	5,303,587	5,627,534
5,535,076	1,839,300	328,658	409,391	1,471,005	65,138	5,254,491	5,606,480
5,613,523	1,840,414	337,354	406,280	1,448,849	65,494	5,290,498	5,668,559
5,862,413	1,867,329	353,829	408,332	1,438,577	67,137	5,551,660	5,947,029
5,895,055	1,864,131	360,749	401,908	1,433,521	67,498	5,522,379	5,920,814
5,853,287	1,855,307	351,089	398,767	1,455,558	67,218	5,473,422	5,831,903
6,064,006	1,886,950	351,914	403,857	1,489,449	68,168	5,715,456	6,116,147
6,066,520	1,896,094	340,014	401,409	1,498,603	67,053	5,631,976	6,020,646
6,073,205	1,918,981	332,657	401,827	1,535,789	67,248	5,702,057	6,086,790
6,070,127	1,938,541	325,893	401,109	1,562,903	67,203	5,709,001	6,102,703
6,058,431	1,960,881	328,800	401,900	1,567,823	67,388	5,749,951	6,114,237
6,052,632	1,984,221	334,395	402,878	1,585,329	67,661	5,783,217	6,130,129
6,016,758	2,004,749	334,209	401,962	1,603,421	68,020	5,748,482	6,128,094
5,904,197	2,018,816	326,283	400,656	1,632,383	68,005	5,639,045	5,976,428
5,929,043	2,043,071	323,430	402,626	1,665,543	68,686	5,671,066	6,036,507
6,099,233	2,078,328	327,630	405,717	1,669,925	69,597	5,804,189	6,189,079
6,314,153	2,120,886	334,683	410,185	1,672,844	70,049	5,949,257	6,363,703
6,299,335	2,131,721	337,016	409,297	1,669,772	69,436	5,942,933	6,366,985
6,238,910	2,131,504	333,197	405,820	1,678,759	69,150	5,815,778	6,236,831

6,328,856	2,152,855	340,618	410,127	1,678,077	70,488	5,971,198	6,384,329
6,276,135	2,151,502	336,965	408,601	1,666,598	70,246	5,790,303	6,211,506
6,267,071	2,153,234	335,154	407,580	1,664,973	70,412	5,781,937	6,199,242
6,263,567	2,155,661	332,181	407,679	1,666,842	70,488	5,782,407	6,187,755
6,258,217	2,157,826	328,369	406,190	1,643,693	70,458	5,780,218	6,181,468
6,275,321	2,166,288	330,045	407,871	1,634,663	70,294	5,841,166	6,204,819
6,443,788	2,190,935	337,197	412,488	1,640,963	70,695	6,053,008	6,436,733
6,614,219	2,207,213	343,205	414,318	1,626,103	70,871	6,209,196	6,554,241
6,483,516	2,188,712	336,907	413,245	1,622,219	69,891	6,059,209	6,398,331
6,450,712	2,184,389	333,033	416,750	1,621,657	70,061	6,088,178	6,434,148
6,657,890	2,206,045	337,202	422,843	1,631,833	70,806	6,207,434	6,580,140
6,722,175	2,213,244	339,129	423,827	1,616,805	70,880	6,215,752	6,613,369
6,650,266	2,205,068	337,110	419,209	1,615,675	70,539	6,118,076	6,542,676
6,718,949	2,214,878	343,886	419,286	1,623,558	70,862	6,277,928	6,701,624
6,729,592	2,216,418	347,816	419,328	1,634,430	70,906	6,291,174	6,707,490
6,728,896	2,220,384	350,781	421,308	1,655,386	70,965	6,271,045	6,713,041
6,731,430	2,224,622	351,512	422,547	1,665,751	70,979	6,297,657	6,720,656
6,734,800	2,222,439	351,438	424,595	1,662,173	71,059	6,302,070	6,721,287
6,666,105	2,215,606	345,777	422,035	1,647,590	70,793	6,195,322	6,612,246
6,637,328	2,210,668	343,258	422,584	1,630,485	70,764	6,176,603	6,623,723
6,645,019	2,216,264	345,583	420,614	1,616,655	70,462	6,226,675	6,673,959
6,490,047	2,202,050	337,239	413,257	1,619,632	69,410	6,078,519	6,510,878
6,368,971	2,199,304	331,151	409,566	1,616,758	69,721	6,064,259	6,526,236
6,195,040	2,163,877	320,855	408,572	1,615,962	68,883	5,967,907	6,390,033
6,223,842	2,135,685	315,998	409,951	1,621,171	69,326	6,062,109	6,463,441
6,221,240	2,100,070	312,974	409,434	1,599,461	69,513	6,043,055	6,447,034
6,201,683	2,076,520	308,032	407,956	1,572,152	69,722	6,032,511	6,440,638
6,195,389	2,056,278	305,178	406,313	1,555,980	69,708	6,046,369	6,435,374
6,190,496	2,037,899	303,493	403,300	1,551,695	69,809	6,003,518	6,429,540
6,196,021	2,029,906	302,927	399,687	1,552,321	69,904	6,000,440	6,419,228
6,212,425	2,019,979	303,265	397,867	1,539,475	70,195	6,049,400	6,472,055
6,073,883	1,994,749	297,037	392,126	1,549,575	69,436	5,871,192	6,259,762
6,022,450	1,967,078	290,727	387,425	1,551,275	70,157	5,824,579	6,208,063
6,118,744	1,953,273	294,089	388,267	1,554,838	71,103	5,910,322	6,299,573
6,255,760	1,938,328	297,116	388,118	1,546,211	71,748	5,968,840	6,323,731
6,339,406	1,945,706	299,836	387,323	1,553,370	73,064	6,000,041	6,367,558
6,275,725	1,955,616	297,627	386,200	1,561,568	73,261	5,900,093	6,282,352
6,236,033	1,966,399	293,945	385,774	1,574,531	73,041	5,870,574	6,234,876
6,244,734	1,979,735	293,909	388,132	1,588,428	72,828	5,843,965	6,219,834
6,261,449	1,993,920	294,451	388,494	1,583,814	72,707	5,845,033	6,238,218
6,267,629	2,006,211	294,970	389,030	1,586,136	72,808	5,869,697	6,241,804
6,248,087	2,013,417	293,790	390,156	1,590,869	72,815	5,834,839	6,213,514
6,180,896	2,010,047	289,092	390,032	1,576,412	72,632	5,704,087	6,087,969
6,201,252	2,018,344	289,034	393,244	1,571,531	73,348	5,788,226	6,190,048
6,201,176	2,024,889	286,406	395,159	1,582,335	73,338	5,737,206	6,129,001
6,359,363	2,049,009	290,066	396,322	1,571,418	75,302	5,879,346	6,294,273
6,341,419	2,051,424	287,066	397,102	1,571,249	75,572	5,820,127	6,238,534
6,355,654	2,054,477	287,013	397,917	1,572,702	75,886	5,826,924	6,251,843
6,398,791	2,053,935	288,011	399,607	1,571,396	75,881	5,865,458	6,275,774
6,404,253	2,063,075	288,480	399,273	1,546,918	75,758	5,800,856	6,245,907
6,404,179	2,071,728	288,274	399,704	1,513,299	75,748	5,829,482	6,263,762
6,393,880	2,069,461	286,795	400,277	1,485,177	75,662	5,789,198	6,246,569
6,388,253	2,064,077	285,623	401,324	1,464,233	75,270	5,790,174	6,243,447
6,418,546	2,076,102	284,139	392,944	1,422,233	75,029	5,832,548	6,303,375
6,464,078	2,095,337	281,831	384,034	1,423,354	75,321	5,906,754	6,395,811

6,426,569	2,103,411	271,932	370,746	1,397,019	75,155	5,813,123	6,296,386
6,417,321	2,111,659	262,222	357,165	1,361,576	75,617	5,804,628	6,310,799
6,148,385	2,093,740	243,144	337,068	1,375,001	74,625	5,511,145	5,992,221
6,036,718	2,089,208	232,096	321,406	1,383,969	74,874	5,494,761	5,980,951
6,069,397	2,105,932	223,741	307,127	1,374,743	74,528	5,521,123	6,022,360
6,051,349	2,118,343	217,748	294,799	1,351,309	73,950	5,455,989	5,976,771
6,046,618	2,133,254	214,266	287,096	1,362,667	73,807	5,510,003	6,017,129
6,063,585	2,142,462	218,898	278,262	1,375,150	73,464	5,537,430	6,061,131
6,064,281	2,148,318	218,466	268,774	1,372,501	73,270	5,571,264	6,071,461
6,076,626	2,164,122	219,333	261,597	1,347,108	73,133	5,549,659	6,087,871
6,051,974	2,153,940	217,645	261,464	1,330,508	73,309	5,529,467	6,077,855
5,996,540	2,140,415	210,990	260,633	1,327,941	72,971	5,477,167	6,018,446
6,120,319	2,150,267	212,187	260,386	1,343,532	73,364	5,620,230	6,191,141
6,058,350	2,140,576	206,905	256,042	1,361,297	72,911	5,542,513	6,111,582
6,112,137	2,144,579	208,463	256,966	1,350,558	72,067	5,659,575	6,244,197
6,105,314	2,146,844	207,261	256,642	1,345,325	71,111	5,649,702	6,266,628
6,025,789	2,130,483	204,110	253,774	1,339,767	70,299	5,591,441	6,190,088
					70,404	**5,666,869**	**6,264,455**
					70,561	**5,687,926**	**6,301,161**
					70,596	**5,672,554**	**6,276,415**
					70,770	**5,648,018**	**6,280,948**
					71,027	**5,647,658**	**6,285,541**
					70,803	**5,676,534**	**6,299,891**
					71,056	**5,793,258**	**6,410,253**
					70,632	**5,768,736**	**6,367,513**
					70,491	**5,959,621**	**6,559,842**
					70,655	**6,082,862**	**6,700,965**
					70,548	**6,163,015**	**6,771,030**
					70,939	**6,296,846**	**6,923,103**
					70,773	**6,320,109**	**6,927,829**
					70,689	**6,337,708**	**6,929,879**
					70,935	**6,337,912**	**6,930,930**
					71,113	**6,352,785**	**6,931,862**
					71,251	**6,373,467**	**6,932,973**
					71,566	**6,380,689**	**6,934,610**
					71,539	**6,390,538**	**6,938,328**
					71,327	**6,399,998**	**6,945,042**
					71,012	**6,403,763**	**6,954,392**

RNH	RH	RH	CHF	CHF	CNF	CNF	CHZ
	6,164,654		6,437,499		2,042,626		310,476
	6,384,754		6,843,587		2,077,002		310,777
	6,179,731		6,826,654		2,131,362		293,635
	6,024,821		6,771,289		2,217,453		235,997
	6,124,465		6,886,824		2,150,840		232,615
71,539		6,390,538		6,938,328		2,152,773	

RNH	RH	RH	CHF	CHF	CNF	CNF	CHZ
	626,022		668,152		189,773		33,244
	939,699		1,022,200		229,346		47,189

	1,152,869		1,248,290		259,419		47,996
	941,231		1,021,335		232,828		41,156
	850,779		900,527		205,192		37,661
	482,638		484,974		148,242		25,467
	288,545		267,996		128,143		19,274
	158,925		132,207		116,650		9,010
	116,074		90,744		115,908		7,926
	114,008		94,315		123,381		7,652
	165,235		157,425		132,575		11,858
71,985	328,628	6,164,654	349,336	6,437,499	161,169	2,042,626	22,043
73,158	698,967	6,237,600	751,517	6,520,864	187,112	2,039,965	34,470
74,164	943,928	6,241,828	1,031,045	6,529,708	207,730	2,018,350	42,814
75,319	1,153,706	6,242,665	1,262,240	6,543,659	237,167	1,996,098	48,671
76,677	1,001,370	6,302,805	1,109,471	6,631,795	212,939	1,976,209	42,507
77,500	868,424	6,320,450	951,449	6,682,717	209,107	1,980,123	39,283
77,501	477,962	6,315,774	516,080	6,713,823	167,715	1,999,595	26,408
77,146	280,258	6,307,486	278,165	6,723,992	143,996	2,015,448	17,210
76,964	169,177	6,317,738	152,279	6,744,065	131,125	2,029,922	9,350
77,076	105,052	6,306,716	90,905	6,744,226	128,376	2,042,391	7,919
77,012	117,090	6,309,798	104,870	6,754,781	136,126	2,055,136	8,315
76,615	175,476	6,320,039	178,405	6,775,761	143,984	2,066,545	12,065
76,592	393,343	6,384,754	417,161	6,843,587	171,626	2,077,002	21,765
76,496	625,171	6,310,958	680,138	6,772,208	186,161	2,076,051	31,349
77,431	994,691	6,361,721	1,098,706	6,839,870	220,944	2,089,264	42,325
78,166	1,109,882	6,317,897	1,261,187	6,838,816	245,482	2,097,580	47,275
78,731	1,024,138	6,340,665	1,156,176	6,885,522	221,716	2,106,357	41,761
78,938	856,378	6,328,619	961,112	6,895,185	211,593	2,108,843	39,056
79,057	483,148	6,333,805	538,442	6,917,546	165,060	2,106,188	26,713
78,991	298,786	6,352,333	312,900	6,952,282	156,022	2,118,215	18,603
78,912	136,604	6,319,760	128,452	6,928,455	137,330	2,124,420	8,335
78,559	110,356	6,325,064	97,230	6,934,780	127,827	2,123,871	6,989
78,177	106,401	6,314,375	99,269	6,929,180	130,740	2,118,485	7,143
78,290	131,462	6,270,361	139,567	6,890,341	148,841	2,123,342	8,212
78,175	302,713	6,179,731	353,475	6,826,654	179,647	2,131,362	15,875
78,335	643,684	6,198,244	731,061	6,877,577	203,054	2,148,255	24,368
78,854	939,647	6,143,200	1,063,156	6,842,026	226,583	2,153,895	31,778
79,368	1,156,361	6,189,678	1,304,981	6,885,820	258,483	2,166,895	38,077
78,406	914,016	6,079,556	1,047,829	6,777,474	217,539	2,162,718	30,828
77,756	809,594	6,032,772	946,132	6,762,494	223,642	2,174,767	29,199
77,377	488,485	6,038,108	564,740	6,788,792	181,883	2,191,590	22,164
77,034	254,296	5,993,618	271,405	6,747,296	167,237	2,202,806	13,937
77,007	112,359	5,969,374	108,173	6,727,017	142,776	2,208,252	11,724
76,714	106,650	5,965,668	97,999	6,727,787	133,684	2,214,109	6,557
77,144	120,779	5,980,046	109,948	6,738,465	146,365	2,229,734	7,953
76,840	140,584	5,989,168	143,077	6,741,975	141,546	2,222,439	7,477
76,138	338,365	6,024,821	382,788	6,771,289	174,661	2,217,453	11,935
75,843	616,727	5,997,864	706,564	6,746,792	198,121	2,212,520	20,683
74,272	976,566	6,034,783	1,102,993	6,786,629	226,966	2,212,903	29,673
72,458	1,087,823	5,966,246	1,244,630	6,726,278	251,172	2,205,592	35,995
72,241	933,552	5,985,781	1,065,025	6,743,474	222,167	2,210,220	30,320
72,158	844,746	6,020,933	951,918	6,749,260	215,704	2,202,282	28,705

CNF	CHZ	CNZ	G54Z	Residential	C&I Incl. CE
				1,128,392	1,602,005
				1,010,534	1,427,165
				933,169	1,366,470
				494,627	843,310
				249,179	575,552
				141,793	435,790
				117,772	410,543
				119,471	429,800
				151,118	478,106
				300,210	667,396
				631,431	1,040,010
2,057,765	300,215	401,624	1,565,081	888,567	1,304,956
2,073,198	300,582	410,190	1,561,564	1,177,165	1,703,348
2,096,726	310,526	425,868	1,549,421	1,144,585	1,654,436
2,101,532	309,304	439,485	1,537,127	946,414	1,411,087
2,103,590	310,110	450,842	1,529,138	490,389	838,611
2,098,516	306,685	456,079	1,516,414	212,161	521,192
2,105,995	307,786	460,542	1,511,375	139,928	456,149
2,105,577	305,711	464,033	1,516,276	118,716	432,682
2,105,837	304,314	465,514	1,521,559	111,149	428,644
2,097,306	300,447	468,379	1,525,485	135,356	443,835
2,100,614	306,147	464,181	1,521,586	314,645	716,841
2,077,105	300,291	465,139	1,528,132	516,712	919,244
2,054,382	295,784	458,137	1,533,222	709,400	1,125,253
2,020,409	289,980	449,568	1,548,084	956,935	1,436,234
1,974,916	284,296	439,024	1,561,343	883,231	1,304,382
1,932,683	286,809	428,558	1,563,442	692,726	1,060,067
1,920,822	295,282	417,514	1,552,105	471,508	825,442
1,917,561	302,552	415,442	1,561,351	247,757	565,663
1,906,071	307,747	415,155	1,555,314	134,603	412,651
1,901,370	314,627	412,773	1,539,948	114,581	388,655
1,889,812	313,792	411,336	1,531,746	108,872	410,442
1,883,280	313,461	408,928	1,532,604	136,244	451,133
1,870,048	313,922	406,768	1,536,161	312,447	684,265
1,865,757	318,998	402,233	1,519,821	596,350	982,233
1,888,772	332,520	400,710	1,508,404	944,596	1,409,314
1,883,074	334,759	403,035	1,503,510	991,586	1,461,118
1,876,391	328,753	399,800	1,501,461	843,286	1,263,025
1,903,960	330,163	397,979	1,514,291	875,901	1,342,235
1,897,873	321,711	402,384	1,533,605	469,061	831,906
1,921,109	323,277	400,782	1,539,249	269,059	625,482
1,934,918	320,062	400,620	1,560,259	152,594	448,765
1,951,439	315,621	401,240	1,575,648	119,882	407,917
1,971,293	318,188	402,756	1,578,733	120,550	452,062
1,988,743	322,540	403,201	1,588,664	131,361	452,779
1,992,054	314,720	403,225	1,598,837	239,707	605,500
2,023,001	319,200	402,097	1,614,921	624,148	1,063,609
2,052,134	321,550	403,785	1,633,258	1,103,875	1,626,434
2,085,033	328,235	406,516	1,635,711	1,183,833	1,733,037
2,103,401	329,109	409,968	1,637,342	829,561	1,257,414
2,101,423	327,047	410,270	1,635,680	825,232	1,283,285

2,128,556	332,124	408,324	1,640,690	558,660	954,251
2,118,156	325,353	410,515	1,640,447	224,146	554,750
2,130,386	324,226	408,497	1,634,367	136,191	436,975
2,129,994	323,405	406,915	1,633,862	112,527	405,835
2,132,204	322,401	408,150	1,635,464	109,476	420,426
2,138,734	320,644	408,153	1,623,481	138,851	472,672
2,170,218	329,922	409,014	1,619,454	393,092	816,683
2,183,642	331,971	413,530	1,624,033	771,321	1,243,296
2,174,693	328,412	415,160	1,617,104	977,232	1,465,975
2,179,220	329,583	414,225	1,616,320	1,142,674	1,694,978
2,190,988	332,569	416,738	1,617,403	1,006,176	1,506,686
2,200,562	332,722	420,581	1,624,384	865,915	1,342,653
2,194,812	331,454	420,568	1,617,407	482,900	866,399
2,208,124	338,351	418,241	1,617,903	278,721	647,978
2,204,144	339,297	419,099	1,623,085	146,882	464,002
2,207,043	341,159	418,998	1,629,528	114,047	435,006
2,211,117	342,209	418,954	1,641,037	113,055	439,534
2,213,711	342,437	419,815	1,646,205	145,235	472,254
2,198,540	337,559	421,935	1,643,155	331,533	718,352
2,202,630	336,622	419,858	1,633,506	738,781	1,190,506
2,198,846	335,649	420,342	1,621,947	966,594	1,465,786
2,179,973	328,914	418,583	1,611,693	1,003,281	1,513,071
2,177,368	325,678	411,396	1,610,303	898,137	1,370,210
2,160,329	318,191	409,832	1,605,366	725,965	1,121,208
2,150,517	316,458	409,641	1,601,334	534,307	868,739
2,117,687	311,662	410,028	1,600,509	300,997	584,510
2,088,942	311,025	409,987	1,584,916	139,807	387,167
2,069,108	309,170	410,230	1,566,460	115,320	387,801
2,052,419	308,257	409,051	1,554,508	115,391	407,281
2,038,630	307,008	406,515	1,549,560	155,090	466,232
2,036,431	308,341	403,018	1,547,853	334,390	710,500
2,002,523	299,744	401,128	1,539,321	605,546	1,024,866
1,995,705	299,024	396,468	1,544,040	915,789	1,377,370
1,989,058	298,410	392,758	1,544,784	1,081,331	1,603,327
1,978,354	299,693	395,775	1,547,124	1,004,928	1,486,533
1,966,857	300,317	395,086	1,543,315	774,706	1,221,314
1,962,008	297,494	394,979	1,548,730	441,355	819,835
1,976,040	296,093	395,075	1,555,155	245,411	564,456
1,989,416	293,435	394,815	1,564,537	139,131	425,423
2,004,347	293,655	395,644	1,574,645	120,223	414,992
2,013,890	293,360	396,541	1,574,672	114,226	429,128
2,019,553	293,063	397,292	1,578,533	126,103	458,575
2,017,351	288,843	399,156	1,555,783	270,887	620,661
2,037,027	292,400	399,704	1,565,615	617,452	1,051,791
2,030,845	287,473	402,280	1,565,220	904,574	1,393,930
2,056,624	292,646	403,927	1,573,281	1,186,061	1,779,540
2,055,909	290,125	403,504	1,569,207	968,425	1,468,614
2,063,164	290,932	404,010	1,570,854	767,344	1,240,819
2,064,919	291,944	405,221	1,573,190	508,512	875,018
2,059,626	291,071	406,853	1,539,857	217,586	527,272
2,072,037	293,042	406,822	1,512,310	135,288	405,997
2,074,924	291,911	407,288	1,479,614	85,813	368,564
2,073,490	291,421	407,537	1,449,856	103,325	399,906
2,074,462	292,880	399,452	1,423,989	149,822	455,957
2,090,988	289,432	391,927	1,414,382	336,434	724,767

2,087,480	277,302	382,776	1,385,241		556,803	941,304
2,102,563	270,878	370,739	1,356,327		883,581	1,306,319
2,073,345	251,694	352,016	1,356,362		907,251	1,413,181
2,082,921	242,861	334,428	1,345,729		910,130	1,356,885
2,082,845	234,321	317,386	1,343,037		801,104	1,224,779
2,090,228	227,381	302,682	1,330,337		442,800	802,467
2,107,703	224,494	290,107	1,343,787		271,458	583,094
2,120,773	221,315	281,446	1,357,689		162,371	465,130
2,126,581	221,891	272,106	1,372,199		119,453	390,449
2,132,642	219,684	261,854	1,378,360		81,584	416,079
2,143,623	216,586	262,186	1,371,978		129,806	447,774
2,129,920	214,686	258,922	1,370,408		283,797	644,920
2,142,218	216,494	255,744	1,376,532		700,259	1,131,050
2,129,387	209,371	252,487	1,392,615		805,411	1,219,632
2,142,980	210,639	253,935	1,375,891		1,023,469	1,545,381
2,135,817	208,479	253,364	1,381,015		899,302	1,374,547
2,130,774	205,573	252,320	1,378,745		742,029	1,136,976
2,130,632	**207,922**	**249,132**	**1,376,258**		**518,334**	**873,365**
2,126,162	**209,225**	**244,420**	**1,377,515**		**292,672**	**613,177**
2,111,996	**210,458**	**238,394**	**1,377,723**		**147,034**	**421,634**
2,105,048	**210,491**	**235,072**	**1,382,141**		**95,091**	**389,163**
2,102,371	**212,782**	**233,511**	**1,393,564**		**81,482**	**430,147**
2,094,684	**213,948**	**231,979**	**1,411,055**		**158,457**	**471,563**
2,102,542	**218,027**	**232,227**	**1,431,718**		**400,774**	**788,131**
2,094,922	**218,178**	**231,871**	**1,440,573**		**675,313**	**1,089,340**
2,108,603	**224,238**	**232,550**	**1,443,532**		**996,155**	**1,435,341**
2,122,304	**228,222**	**236,269**	**1,445,343**		**1,146,873**	**1,709,719**
2,134,013	**230,990**	**240,801**	**1,440,227**		**979,349**	**1,458,505**
2,152,204	**235,907**	**242,864**	**1,433,469**		**876,251**	**1,307,462**
2,152,441	**235,271**	**245,196**	**1,432,393**		**541,431**	**878,948**
2,152,358	**234,863**	**247,112**	**1,432,034**		**310,187**	**616,293**
2,152,356	**234,028**	**247,968**	**1,432,052**		**147,484**	**422,722**
2,152,407	**233,947**	**247,846**	**1,432,260**		**110,142**	**390,151**
2,152,496	**233,963**	**247,371**	**1,432,555**		**102,302**	**431,184**
2,152,615	**234,506**	**246,615**	**1,432,882**		**165,993**	**473,433**
2,152,773	**236,003**	**245,669**	**1,433,212**		**410,596**	**792,887**
2,152,958	**237,270**	**244,651**	**1,433,529**		**684,560**	**1,096,805**
2,153,158	**238,370**	**243,763**	**1,433,825**		**999,606**	**1,445,398**

CHZ	CNZ	CNZ	G54Z	G54Z		
	397,867		1,539,475		1,937,342	
	390,032		1,576,412		1,966,444	
	384,034		1,423,354		1,807,388	
	260,633		1,327,941		1,588,575	
	228,877		1,450,988		1,679,865	
236,003		245,669		1,433,212		1,678,881

CHZ	CNZ	CNZ	G54Z	G54Z
	38,715		131,195	
	42,750		101,780	

	44,268		107,975	
	40,156		97,874	
	40,383		100,256	
	33,176		121,798	
	29,039		131,370	
	24,319		132,252	
	25,778		152,116	
	24,503		159,572	
	25,283		155,562	
310,476	29,497	397,867	147,725	1,539,475
311,702	32,975	392,126	141,295	1,549,575
307,327	38,049	387,425	103,481	1,551,275
308,003	45,109	388,267	111,538	1,554,838
309,354	40,008	388,118	89,248	1,546,211
310,975	39,588	387,323	107,414	1,553,370
311,916	32,054	386,200	129,997	1,561,568
309,852	28,613	385,774	144,333	1,574,531
310,191	26,677	388,132	146,149	1,588,428
310,184	26,140	388,494	147,502	1,583,814
310,848	25,038	389,030	161,894	1,586,136
311,054	26,410	390,156	160,295	1,590,869
310,777	29,373	390,032	133,268	1,576,412
307,656	36,187	393,244	136,413	1,571,531
307,167	39,964	395,159	114,285	1,582,335
305,771	46,272	396,322	100,621	1,571,418
305,024	40,787	397,102	89,079	1,571,249
304,797	40,403	397,917	108,868	1,572,702
305,102	33,744	399,607	128,690	1,571,396
306,496	28,278	399,273	119,855	1,546,918
305,481	27,108	399,704	112,531	1,513,299
304,551	26,713	400,277	119,380	1,485,177
303,379	26,085	401,324	140,950	1,464,233
299,526	18,030	392,944	118,295	1,422,233
293,635	20,462	384,034	134,390	1,423,354
286,654	22,899	370,746	110,077	1,397,019
276,107	26,383	357,165	78,842	1,361,576
266,909	26,175	337,068	114,047	1,375,001
255,976	25,125	321,406	98,046	1,383,969
246,119	26,124	307,127	99,642	1,374,743
241,570	21,417	294,799	105,256	1,351,309
236,905	20,575	287,096	131,213	1,362,667
240,294	18,274	278,262	125,014	1,375,150
239,862	17,225	268,774	116,731	1,372,501
240,671	18,908	261,597	115,556	1,347,108
239,936	17,897	261,464	101,695	1,330,508
235,997	19,632	260,633	131,823	1,327,941
232,312	22,652	260,386	125,668	1,343,532
230,208	22,039	256,042	96,606	1,361,297
228,125	27,099	256,966	103,308	1,350,558
227,617	24,801	256,642	92,813	1,345,325
227,123	23,256	253,774	94,084	1,339,767

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Month	Actual RNH	Actual RH	Actual CHF	Actual CNF	Actual CHZ	Actual CNZ	Monthly Actual G54Z
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RNH	RH	CHF	CNF	CHZ	CNZ	G54Z

74	**6,095**	**2,744**	**872**	**109**	**82**	**529**	2024
56	**3,427**	**1,500**	**761**	**70**	**65**	**649**	2024
40	**1,710**	**652**	**667**	**49**	**69**	**656**	2024
39	**1,093**	**495**	**645**	**39**	**74**	**679**	2024
38	**932**	**619**	**671**	**38**	**80**	**728**	2024
37	**1,849**	**838**	**685**	**46**	**84**	**688**	2024
58	**4,712**	**2,169**	**847**	**80**	**86**	**731**	2024
81	**7,956**	**3,585**	**957**	**109**	**111**	**648**	2024
106	**11,750**	**5,220**	**1,131**	**153**	**130**	**493**	2024
106	**12,168**	**6,805**	**1,335**	**192**	**169**	**492**	2025
90	**10,391**	**5,755**	**1,186**	**165**	**144**	**421**	2025
86	**9,291**	**4,977**	**1,135**	**148**	**135**	**482**	2025
65	**5,729**	**2,931**	**925**	**112**	**99**	**555**	2025
50	**3,270**	**1,599**	**805**	**72**	**79**	**685**	2025
38	**1,540**	**696**	**707**	**48**	**78**	**695**	2025
37	**1,142**	**529**	**683**	**41**	**78**	**720**	2025
36	**1,059**	**661**	**711**	**41**	**82**	**773**	2025
37	**1,740**	**896**	**726**	**52**	**85**	**730**	2025
51	**4,343**	**2,317**	**898**	**93**	**86**	**776**	2025

34,324
118,335

		Energy Efficiency			Volume
year	mode	residential	commercial	total	residential
2006	actual	25,529	47,269	72,797	
2007	actual	27,151	104,730	131,881	
2008	actual	35,360	48,278	83,638	
2009	actual	32,414	88,174	120,588	
2010	actual	43,524	34,703	78,227	
2011	actual	29,281	46,466	75,747	
2012	actual	39,702	108,565	148,267	
2013	actual	40,510	74,831	115,341	
2014	actual	34,401	82,545	116,946	6,166,263
2015	actual	64,393	80,092	144,485	6,016,620
2016	actual	48,116	62,061	110,178	5,599,852
2017	actual	31,642	70,004	101,646	5,941,008
2018	actual	59,613	83,349	142,962	6,260,121
2019	actual	51,458	98,110	149,568	6,332,513
2020	actual	54,387	92,867	147,255	5,844,021
2021	actual	65,161	76,181	141,342	5,840,325
2022	actual	70,506	39,892	110,398	5,898,996
2023	actual	77,607	81,173	158,780	5,615,424
2024	forecast	71,769	52,483	124,252	6,030,112
2025	forecast	69,294	57,981	127,275	6,474,776

es (Dth)		%	
	commercial	residential	commercial
	10,581,104	0.56%	0.78%
	10,651,322	1.07%	0.75%
	9,930,480	0.86%	0.62%
	10,580,832	0.53%	0.66%
	11,044,599	0.95%	0.75%
	11,244,134	0.81%	0.87%
	10,218,955	0.93%	0.91%
	10,489,965	1.12%	0.73%
	10,494,077	1.20%	0.38%
	10,095,442	1.38%	0.80%
	10,568,765	1.19%	0.50%
	11,023,508	1.07%	0.53%

							Monthly
Month	Actual RNH	Actual RH	Actual CHF	Actual CNF	Actual CHZ	Actual CNZ	Actual G54Z
1/1/2014	15,869	1,112,523	1,159,746	246,884	45,921	41,040	108,414
2/1/2014	14,143	996,391	1,030,112	226,958	40,801	36,385	92,909
3/1/2014	13,961	919,207	946,601	231,678	40,397	36,669	111,124
4/1/2014	9,167	485,459	499,020	169,820	26,309	29,755	118,406
5/1/2014	6,330	242,849	251,903	141,783	14,611	24,780	142,475
6/1/2014	4,534	137,260	135,722	123,097	8,119	23,756	145,096
7/1/2014	3,848	113,924	111,547	120,043	7,778	22,431	148,745
8/1/2014	3,828	115,642	123,360	121,889	7,670	23,531	153,350
9/1/2014	3,703	147,415	153,158	130,144	9,336	32,489	152,979
10/1/2014	4,758	295,452	301,518	153,373	18,978	32,948	160,580
11/1/2014	6,526	624,906	638,004	183,540	30,422	43,679	144,365
12/1/2014	8,125	880,442	905,687	214,043	36,195	49,193	99,839
1/1/2015	9,747	1,167,418	1,248,838	256,840	51,902	60,702	85,067
2/1/2015	9,301	1,135,285	1,223,351	256,021	47,272	58,540	69,252
3/1/2015	8,753	937,661	989,845	232,885	40,956	52,149	95,251
4/1/2015	6,270	484,119	506,632	172,578	26,614	38,885	93,901
5/1/2015	4,469	207,692	209,424	135,122	12,330	32,406	131,909
6/1/2015	3,543	136,385	139,587	124,907	7,410	31,674	152,570
7/1/2015	3,108	115,608	120,450	119,049	7,117	29,166	156,900
8/1/2015	2,900	108,249	112,293	119,398	6,627	31,294	159,032
9/1/2015	3,092	132,263	138,068	120,347	11,483	29,496	144,441
10/1/2015	4,696	309,948	337,747	151,271	20,723	36,086	171,014
11/1/2015	5,891	510,822	537,091	164,753	27,765	37,479	152,156
12/1/2015	7,257	702,143	745,992	182,097	31,131	40,649	125,384
1/1/2016	8,936	947,999	1,016,553	221,211	40,697	50,076	107,697
2/1/2016	8,270	874,962	936,209	206,291	48,489	41,784	71,609
3/1/2016	7,413	685,313	716,204	187,481	44,402	38,779	73,202
4/1/2016	6,035	465,472	484,151	159,042	38,444	34,558	109,247
5/1/2016	4,569	243,188	255,604	133,201	26,782	30,586	119,490
6/1/2016	3,349	131,255	129,303	114,878	17,775	27,493	123,201
7/1/2016	2,902	111,679	108,830	106,989	7,742	24,551	140,542
8/1/2016	2,766	106,106	105,940	111,819	6,761	26,788	159,134
9/1/2016	3,089	133,155	152,834	112,256	10,508	26,083	149,453
10/1/2016	4,660	307,787	346,365	139,281	28,161	30,565	139,892
11/1/2016	6,576	589,774	615,537	165,867	36,461	34,368	130,000
12/1/2016	9,228	935,368	994,883	209,011	47,606	42,702	115,112
1/1/2017	9,534	982,052	1,049,195	218,013	47,617	43,652	102,641
2/1/2017	7,447	835,839	894,441	197,467	38,830	38,642	93,645
3/1/2017	7,403	868,498	926,922	219,124	45,227	43,870	107,093
4/1/2017	5,671	463,390	486,666	168,186	26,544	32,109	118,401
5/1/2017	4,783	264,276	262,289	156,088	19,425	31,005	156,676
6/1/2017	3,696	148,897	126,226	134,438	11,012	26,775	150,314
7/1/2017	3,288	116,593	97,134	129,329	10,649	25,342	145,462
8/1/2017	3,270	117,280	100,141	135,159	12,356	27,766	176,640
9/1/2017	3,382	127,978	116,960	132,784	10,323	25,167	167,545
10/1/2017	4,210	235,497	233,804	153,349	20,234	29,259	168,854
11/1/2017	6,430	617,717	640,383	190,122	33,608	36,337	163,160
12/1/2017	9,230	1,094,645	1,165,073	244,268	51,805	45,793	119,494
1/1/2018	9,968	1,173,865	1,264,116	260,571	54,670	48,120	105,560
2/1/2018	7,800	821,761	879,623	208,302	41,163	37,754	90,572
3/1/2018	8,151	817,081	866,497	218,907	41,408	40,393	116,080

4/1/2018	6,580	552,080	576,612	189,538	33,965	36,416	117,720
5/1/2018	4,355	219,791	209,568	154,734	15,772	29,479	145,197
6/1/2018	3,526	132,664	117,162	136,171	9,200	25,754	148,689
7/1/2018	3,059	109,468	93,630	131,756	7,677	25,441	147,331
8/1/2018	3,021	106,454	94,791	137,324	8,543	26,277	153,491
9/1/2018	3,329	135,522	134,064	141,246	11,998	26,849	158,515
10/1/2018	4,978	388,114	402,271	177,995	27,387	33,876	175,154
11/1/2018	6,896	764,425	810,814	206,400	39,615	38,167	148,300
12/1/2018	8,215	969,017	1,034,370	225,768	45,508	44,720	115,610
1/1/2019	9,143	1,133,530	1,231,311	256,248	50,796	51,624	104,998
2/1/2019	8,148	998,028	1,086,801	229,958	45,331	43,847	100,748
3/1/2019	8,001	857,914	930,783	226,105	43,336	41,377	101,052
4/1/2019	6,078	476,823	504,702	181,362	31,947	31,798	116,590
5/1/2019	4,996	273,725	278,251	164,544	22,548	29,556	153,079
6/1/2019	3,782	143,100	127,805	137,711	13,129	25,796	159,561
7/1/2019	3,156	110,891	92,933	135,722	10,643	27,421	168,287
8/1/2019	3,145	109,910	97,325	141,563	9,274	27,516	163,856
9/1/2019	3,502	141,734	137,433	139,062	11,925	28,897	154,936
10/1/2019	4,761	326,773	333,576	171,162	21,726	31,316	160,571
11/1/2019	6,958	731,823	782,037	201,462	37,096	38,715	131,195
12/1/2019	8,541	958,052	1,042,060	231,363	47,832	42,750	101,780
1/1/2020	8,917	994,364	1,076,340	242,035	42,452	44,268	107,975
2/1/2020	8,167	889,971	965,725	227,213	39,243	40,156	97,874
3/1/2020	7,692	718,273	756,851	190,678	33,039	40,383	100,256
4/1/2020	6,657	527,650	533,505	153,170	27,090	33,176	121,798
5/1/2020	5,278	295,720	275,648	128,928	19,524	29,039	131,370
6/1/2020	3,675	136,132	108,248	114,161	8,187	24,319	132,252
7/1/2020	3,171	112,149	86,639	115,480	7,789	25,778	152,116
8/1/2020	3,187	112,204	92,433	123,185	7,589	24,503	159,572
9/1/2020	3,692	151,398	142,958	131,069	11,359	25,283	155,562
10/1/2020	5,153	329,237	349,979	161,235	22,064	29,497	147,725
11/1/2020	7,117	598,429	643,496	176,232	30,869	32,975	141,295
12/1/2020	9,257	906,532	990,627	203,692	41,522	38,049	103,481
1/1/2021	10,471	1,070,859	1,172,635	228,231	45,814	45,109	111,538
2/1/2021	9,771	995,156	1,102,740	212,268	42,270	40,008	89,248
3/1/2021	8,658	766,049	840,498	198,056	35,759	39,588	107,414
4/1/2021	6,269	435,086	469,823	163,081	24,881	32,054	129,997
5/1/2021	4,766	240,645	235,957	139,711	15,842	28,613	144,333
6/1/2021	3,494	135,637	116,949	127,497	8,151	26,677	146,149
7/1/2021	3,283	116,940	103,355	129,664	8,331	26,140	147,502
8/1/2021	3,124	111,102	98,612	135,476	8,108	25,038	161,894
9/1/2021	3,294	122,808	123,417	138,275	10,179	26,410	160,295
10/1/2021	4,748	266,139	282,788	157,866	17,366	29,373	133,268
11/1/2021	7,442	610,010	663,851	184,530	30,810	36,187	136,413
12/1/2021	9,875	894,699	990,550	210,236	38,895	39,964	114,285
1/1/2022	11,979	1,174,082	1,330,822	252,351	49,474	46,272	100,621
2/1/2022	10,018	958,408	1,084,796	214,682	39,270	40,787	89,079
3/1/2022	8,897	758,447	854,733	201,109	35,705	40,403	108,868
4/1/2022	6,476	459,607	512,960	162,538	25,880	33,744	128,690
5/1/2022	4,616	231,944	241,419	148,851	16,311	28,278	119,855
6/1/2022	3,414	125,636	116,875	136,150	7,945	27,108	112,531
7/1/2022	2,930	106,374	93,056	127,398	6,851	26,713	119,380
8/1/2022	2,742	100,388	92,985	130,092	6,936	26,085	140,950
9/1/2022	3,407	145,001	153,711	150,300	8,695	18,030	118,295
10/1/2022	4,945	278,958	328,320	177,101	15,058	20,462	134,390

11/1/2022	7,221	546,034	626,342	192,603	20,911	22,899	110,077
12/1/2022	10,531	863,816	981,302	218,485	29,185	26,383	78,842
1/1/2023	11,036	931,347	1,061,887	234,431	30,396	26,175	114,047
2/1/2023	9,055	844,988	973,128	210,150	28,222	25,125	98,046
3/1/2023	8,458	755,352	887,412	217,834	27,350	26,124	99,642
4/1/2023	5,934	423,819	494,912	174,949	19,887	21,417	105,256
5/1/2023	4,390	221,807	236,688	163,761	12,830	20,575	131,213
6/1/2023	3,387	136,548	133,842	145,359	12,577	18,274	125,014
7/1/2023	2,637	102,631	93,752	133,254	6,420	17,225	116,731
8/1/2023	3,172	116,397	105,329	145,896	7,803	18,908	115,556
9/1/2023	3,104	127,274	129,059	140,118	7,007	17,897	101,695
10/1/2023	4,028	234,974	272,886	163,575	8,403	19,632	131,823
11/1/2023	7,558	657,222	750,121	202,455	22,108	22,652	125,668
12/1/2023	8,547	806,731	919,333	208,794	23,903	22,039	96,606
1/1/2024	9,787	968,735	1,115,674	238,434	31,954	27,099	103,308
2/1/2024	8,748	842,555	966,305	212,415	27,020	24,801	92,813
3/1/2024	8,060	711,965	807,887	201,473	24,199	23,256	94,084
4/1/2024							
5/1/2024							
6/1/2024							
7/1/2024							
8/1/2024							
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6/1/2025							
7/1/2025							
8/1/2025							
9/1/2025							
10/1/2025							

Weather Normalized	
Normalized	11/1/2023
Normalized	12/1/2023
Normalized	1/1/2024
Normalized	2/1/2024
Normalized	3/1/2024
Forecast	4/1/2024
Forecast	5/1/2024
Forecast	6/1/2024
Forecast	7/1/2024
Forecast	8/1/2024
Forecast	9/1/2024
Forecast	10/1/2024

RNH	RH	CHF	CNF	CHZ	CNZ	G54Z	Actual RNH	Actual RH
	1,116,599	1,201,016	242,221	47,879	45,436	101,689		
	945,232	1,024,707	223,948	41,985	37,794	92,012		
	913,189	971,436	226,248	39,935	38,000	102,532		
	486,967	483,587	175,784	25,503	30,783	120,018		
	252,462	231,620	146,452	17,282	26,874	141,290		
	102,381	80,195	120,347	10,330	26,080	142,800		
	101,559	65,624	119,125	8,680	26,079	147,942		
	101,085	90,445	125,495	8,931	25,235	157,410		
	161,304	157,095	130,266	12,747	26,274	146,481		
	329,361	333,197	154,663	17,546	32,839	159,472		
	651,258	670,178	185,117	32,256	38,616	142,080		
	855,339	865,858	208,098	37,141	47,614	111,354	94,794	6,071,470
5,551	1,130,589	1,231,411	257,653	48,247	54,002	98,172	88,671	6,126,364
9,080	1,137,798	1,207,463	247,476	51,929	53,472	79,869	83,829	6,265,258
8,123	891,150	960,171	231,054	38,713	51,617	90,239	78,621	6,283,712
6,439	471,833	487,237	177,843	26,309	42,140	112,028	75,723	6,282,372
4,896	179,521	174,326	141,378	13,857	32,110	128,566	73,862	6,247,215
3,995	162,804	129,423	127,826	11,432	30,543	137,761	72,871	6,246,341
3,713	108,000	75,974	118,707	6,605	29,569	152,843	72,131	6,248,024
3,258	84,691	95,593	125,754	7,535	26,717	162,693	71,203	6,240,631
3,022	115,794	109,335	121,735	8,879	29,138	150,407	70,592	6,225,479
4,434	392,540	415,961	157,971	23,246	28,641	155,573	70,531	6,239,976
5,890	532,141	550,549	161,609	26,400	39,574	148,625	69,896	6,125,892
7,029	685,864	711,454	185,375	32,633	40,612	116,445	69,027	5,947,593
8,771	965,632	1,060,797	223,680	42,443	45,433	113,035	68,215	5,728,175
8,169	868,003	968,722	201,983	46,244	42,929	93,127	67,184	5,467,852
7,298	701,417	720,975	188,822	41,226	41,151	92,338	65,844	5,215,504
6,201	494,742	530,404	165,982	34,782	31,096	100,691	65,610	5,196,857
4,595	277,007	266,442	138,117	21,126	30,039	137,812	65,710	5,232,353
3,496	128,346	106,039	116,336	16,627	30,255	131,725	65,516	5,227,222
3,214	86,566	83,276	114,007	13,485	27,187	137,477	65,310	5,223,294
3,024	59,756	91,732	114,197	6,700	25,280	154,491	65,176	5,221,150
3,053	111,572	121,182	115,202	8,548	26,730	151,265	65,173	5,222,042
4,398	343,445	394,907	144,739	23,708	26,481	159,131	65,137	5,219,881
6,247	568,148	612,628	157,318	31,476	35,039	132,286	65,822	5,298,833
8,671	947,027	989,924	208,390	46,155	39,089	105,028	67,794	5,532,058
9,131	936,351	1,034,582	217,982	44,682	47,757	108,141	68,392	5,566,110
7,889	819,047	879,811	195,300	40,238	39,694	91,078	67,570	5,526,987
8,249	943,451	1,005,219	216,391	42,636	39,330	105,168	67,559	5,710,172
5,086	411,262	434,902	159,894	26,331	35,500	120,005	67,195	5,708,090
4,790	347,087	332,587	161,353	22,692	28,437	143,456	67,409	5,729,178
3,451	135,290	121,952	130,145	13,411	30,094	152,734	67,757	5,746,820
3,399	127,516	94,810	130,528	9,044	27,808	152,865	68,143	5,751,735
3,297	93,022	107,623	134,050	9,267	26,795	157,577	68,647	5,762,909
3,412	76,837	119,147	132,653	12,900	27,175	161,196	68,940	5,757,733
4,384	234,008	243,241	148,051	15,887	26,505	169,304	68,490	5,685,442
6,928	600,169	672,707	188,265	35,955	33,912	148,370	68,344	5,713,386
9,582	1,080,150	1,142,497	237,523	48,506	40,777	123,365	68,346	5,872,663
9,584	1,081,419	1,209,206	250,881	51,367	50,489	110,594	68,780	6,064,475
7,276	812,722	883,093	213,669	41,112	43,146	92,709	69,133	6,050,398
7,962	816,296	875,066	214,412	40,574	39,631	103,506	69,882	5,998,980

6,424	566,683	582,400	187,028	31,407	33,555	125,014	70,790	6,087,670
4,549	166,192	159,764	150,953	15,922	30,628	143,213	70,363	6,043,185
3,617	126,923	109,688	142,374	12,284	28,076	146,655	70,193	6,026,952
3,474	127,987	83,324	130,137	8,223	26,226	152,360	69,964	6,019,826
3,267	90,834	101,336	136,260	8,264	28,030	159,179	69,715	6,009,001
3,247	137,784	142,498	139,182	11,143	27,179	149,213	69,662	6,016,545
4,785	445,850	475,155	179,535	25,166	27,366	165,276	70,429	6,169,162
7,103	756,357	790,215	201,689	38,004	38,428	152,949	70,895	6,315,870
8,602	930,162	986,587	228,573	44,946	42,406	116,435	69,879	6,190,242
9,754	1,110,389	1,245,023	255,408	52,538	49,554	109,810	69,055	6,149,907
8,021	931,977	1,029,085	225,437	44,098	45,659	93,793	69,402	6,326,175
8,036	824,615	908,294	223,986	40,728	43,474	110,487	69,252	6,367,008
6,083	469,006	511,708	181,278	30,139	33,541	118,037	68,750	6,291,751
4,872	326,045	318,711	164,265	22,818	28,301	143,709	69,391	6,345,684
3,660	140,168	115,554	138,395	13,231	28,934	151,837	69,646	6,356,121
3,533	107,858	88,875	133,035	10,084	26,126	158,803	69,743	6,357,544
3,282	117,446	108,950	140,334	9,314	27,985	170,688	69,867	6,360,999
3,327	142,196	143,130	141,776	11,371	28,041	154,380	70,040	6,367,210
4,519	339,102	366,114	164,365	20,287	29,486	162,227	69,822	6,305,869
7,074	737,638	801,692	205,779	37,067	36,351	143,300	69,885	6,273,267
8,301	980,234	1,036,822	224,789	43,973	42,890	104,876	70,211	6,262,302
8,702	962,233	1,081,943	236,536	45,804	47,795	99,556	69,985	6,123,135
8,333	917,717	1,044,442	222,832	40,861	38,473	92,404	70,004	6,015,078
7,198	728,262	772,092	206,946	33,242	41,910	105,550	69,694	5,875,438
6,526	563,208	585,116	171,466	28,406	33,351	114,004	70,274	5,926,265
5,059	306,991	302,304	131,434	18,021	28,688	142,883	70,555	5,948,260
3,870	129,625	109,158	109,650	12,594	28,893	136,244	70,449	5,941,291
3,518	121,716	83,612	113,201	8,229	26,369	140,348	70,464	5,942,549
3,383	74,595	103,115	123,645	8,402	26,806	158,736	70,506	5,944,843
3,422	139,118	132,818	127,987	10,121	25,504	149,432	70,696	5,954,508
4,810	388,062	418,941	162,166	21,621	25,989	160,521	71,088	5,956,973
6,315	559,430	589,399	171,870	28,470	34,461	134,768	71,246	5,823,579
9,022	933,621	985,123	217,971	43,253	38,231	109,595	71,962	5,772,059
9,647	1,047,976	1,173,453	229,889	45,190	44,084	100,299	73,516	5,848,554
8,978	976,235	1,068,601	212,128	42,144	41,490	94,744	75,121	5,953,740
8,514	759,464	815,919	195,449	33,866	41,220	101,742	76,086	6,001,515
6,723	463,260	499,910	166,617	25,583	33,244	119,420	75,698	5,908,951
4,839	277,472	254,827	145,466	16,621	28,784	149,308	75,187	5,853,876
3,657	103,015	94,116	123,026	9,936	28,633	145,627	75,005	5,853,381
3,398	122,785	101,996	128,133	8,449	27,198	150,455	75,117	5,858,173
3,484	99,259	106,702	133,188	8,107	27,703	158,763	75,053	5,857,071
3,429	104,260	104,528	133,649	9,825	26,255	153,292	74,656	5,828,482
4,627	257,310	293,395	159,964	17,400	27,853	137,771	74,250	5,765,383
7,032	643,568	691,479	191,546	32,027	35,009	144,599	74,575	5,776,964
9,012	882,602	924,076	211,790	38,326	40,807	109,201	75,193	5,765,131
11,610	1,190,116	1,338,725	255,668	50,363	45,732	108,361	76,701	5,868,354
9,248	917,017	1,012,861	211,413	39,623	41,067	90,669	76,948	5,831,605
8,828	766,260	829,228	202,704	34,673	41,726	103,389	77,187	5,824,003
6,718	501,794	523,841	168,372	26,595	34,454	121,756	77,394	5,848,524
4,716	212,870	224,960	140,173	15,748	30,416	115,975	77,244	5,839,824
3,647	131,641	111,971	135,437	11,908	28,602	118,080	77,165	5,829,823
3,312	82,501	84,803	131,020	7,317	27,664	117,760	76,812	5,819,257
3,091	100,234	103,580	131,753	7,617	27,951	129,004	76,430	5,808,543
3,189	146,634	164,455	134,621	11,284	18,170	127,426	76,543	5,830,735
4,919	331,516	385,832	176,490	13,952	20,329	128,164	76,740	5,843,555

6,866	549,938	592,053	188,038	19,897	25,858	115,458	76,519	5,779,579
9,474	874,107	938,489	226,873	31,902	28,770	80,286	77,176	5,748,696
10,618	896,633	1,020,148	226,450	31,179	27,009	108,396	76,232	5,505,962
9,497	900,633	1,001,591	220,989	30,790	23,479	80,036	75,269	5,392,542
8,481	792,622	870,637	202,628	26,133	24,684	100,697	74,830	5,389,448
6,141	436,660	478,252	175,755	19,654	19,750	109,056	74,288	5,353,660
4,573	266,884	265,319	157,648	12,861	17,841	129,425	74,062	5,343,523
3,304	159,068	155,972	148,507	8,728	19,941	131,982	74,036	5,354,435
3,118	116,335	95,133	136,829	7,893	18,324	132,270	73,743	5,350,692
2,954	78,630	119,990	137,814	5,410	17,699	135,165	74,172	5,366,700
3,365	126,441	154,440	145,602	8,186	18,503	121,044	73,869	5,348,973
4,580	279,216	326,423	162,787	12,053	17,064	126,594	72,952	5,304,989
7,258	693,001	764,748	200,336	21,705	22,680	121,582	73,289	5,416,176
9,022	796,390	858,930	214,041	24,779	25,513	96,370	71,305	5,359,091
9,774	1,013,695	1,152,762	240,043	32,447	28,458	91,671	70,056	5,396,478
8,541	890,761	1,024,023	213,826	28,630	22,908	85,160	69,749	5,394,045
7,669	734,361	794,097	197,585	23,227	23,639	98,427	69,351	5,350,657
6,171	**505,993**	**549,874**	**174,742**	**21,894**	**16,480**	**106,039**		
4,674	**284,515**	**300,526**	**152,416**	**14,094**	**13,063**	**130,033**		
3,299	**141,985**	**130,575**	**133,674**	**9,911**	**13,847**	**131,534**		
3,253	**90,706**	**99,171**	**129,235**	**7,887**	**14,927**	**136,009**		
3,173	**77,339**	**123,964**	**134,466**	**7,662**	**16,058**	**145,860**		
3,103	**153,468**	**167,952**	**137,230**	**9,306**	**16,886**	**137,848**		
4,776	**391,228**	**434,616**	**169,798**	**16,051**	**17,227**	**146,526**		
6,753	**660,523**	**718,423**	**191,759**	**21,747**	**22,212**	**129,788**		
8,775	**975,524**	**1,046,038**	**226,592**	**30,686**	**26,061**	**98,836**		
9,831	**1,124,768**	**1,287,079**	**252,409**	**36,240**	**32,007**	**92,991**		
8,345	**960,523**	**1,088,334**	**224,349**	**31,233**	**27,296**	**79,623**		
7,973	**858,901**	**941,193**	**214,642**	**27,995**	**25,567**	**91,188**		
6,014	**529,622**	**554,412**	**174,926**	**21,255**	**18,795**	**104,936**		
4,597	**302,270**	**302,476**	**152,288**	**13,685**	**14,965**	**129,637**		
3,546	**142,359**	**131,582**	**133,633**	**9,077**	**14,695**	**131,513**		
3,433	**105,531**	**100,069**	**129,248**	**7,804**	**14,801**	**136,176**		
3,314	**97,894**	**125,033**	**134,516**	**7,676**	**15,580**	**146,111**		
3,418	**160,799**	**169,531**	**137,307**	**9,843**	**16,129**	**138,133**		
4,756	**401,446**	**438,186**	**169,906**	**17,535**	**16,280**	**146,810**		

7,380	616,727	706,564	198,121	20,683	22,652	125,668
9,335	976,566	1,102,993	226,966	29,673	22,039	96,606
10,346	1,087,823	1,244,630	251,172	35,995	27,099	103,308
9,191	933,552	1,065,025	222,167	30,320	24,801	92,813
8,608	844,746	951,918	215,704	28,705	23,256	94,084
6,171	505,993	549,874	174,742	21,894	16,480	106,039
4,674	284,515	300,526	152,416	14,094	13,063	130,033
3,299	141,985	130,575	133,674	9,911	13,847	131,534
3,253	90,706	99,171	129,235	7,887	14,927	136,009
3,173	77,339	123,964	134,466	7,662	16,058	145,860
3,103	153,468	167,952	137,230	9,306	16,886	137,848
4,776	391,228	434,616	169,798	16,051	17,227	146,526

73,309	6,104,648	6,877,807	2,145,692	232,182	228,335	1,446,328

Actual CHF	Actual CNF	Actual CHZ	Actual CNZ	Actual G54Z	Annual RNH	RH	CHF
6,256,377	2,063,252	286,536	396,656	1,578,283		6,016,737	6,174,959
6,345,469	2,073,208	292,516	416,317	1,554,937		6,030,727	6,205,354
6,538,707	2,102,272	298,987	438,472	1,531,280		6,223,293	6,388,109
6,581,952	2,103,479	299,546	453,952	1,515,407		6,201,254	6,376,843
6,589,564	2,106,236	299,852	463,082	1,490,902		6,186,120	6,380,493
6,547,085	2,099,576	297,571	470,708	1,480,336		6,113,179	6,323,199
6,550,951	2,101,386	296,863	478,626	1,487,810		6,173,602	6,372,426
6,559,854	2,100,392	296,202	485,361	1,495,964		6,180,043	6,382,776
6,548,788	2,097,901	295,160	493,124	1,501,646		6,163,649	6,387,924
6,533,698	2,088,105	297,307	490,131	1,493,108		6,118,138	6,340,163
6,569,927	2,086,002	299,052	493,269	1,503,542		6,181,318	6,422,928
6,469,014	2,067,216	296,394	487,069	1,511,333		6,062,202	6,303,299
6,309,319	2,035,270	291,331	478,525	1,536,878	65,429	5,892,727	6,148,896
6,077,035	1,999,641	280,126	467,900	1,559,507	68,649	5,727,770	5,978,282
5,789,893	1,949,911	281,344	451,143	1,561,863	67,738	5,457,975	5,739,541
5,516,251	1,904,507	284,789	437,773	1,539,814	66,913	5,268,242	5,500,346
5,493,770	1,890,971	296,619	433,446	1,555,160	66,675	5,291,151	5,543,513
5,539,950	1,889,049	311,071	431,626	1,542,741	66,374	5,388,637	5,635,629
5,529,666	1,879,020	321,436	427,445	1,513,371	65,876	5,354,178	5,612,245
5,518,046	1,866,960	322,061	422,831	1,497,014	65,377	5,332,744	5,619,548
5,511,693	1,859,380	322,195	418,325	1,497,116	65,142	5,307,809	5,615,687
5,526,459	1,851,290	321,220	414,911	1,502,127	65,173	5,303,587	5,627,534
5,535,076	1,839,300	328,658	409,391	1,471,005	65,138	5,254,491	5,606,480
5,613,523	1,840,414	337,354	406,280	1,448,849	65,494	5,290,498	5,668,559
5,862,413	1,867,329	353,829	408,332	1,438,577	67,137	5,551,660	5,947,029
5,895,055	1,864,131	360,749	401,908	1,433,521	67,498	5,522,379	5,920,814
5,853,287	1,855,307	351,089	398,767	1,455,558	67,218	5,473,422	5,831,903
6,064,006	1,886,950	351,914	403,857	1,489,449	68,168	5,715,456	6,116,147
6,066,520	1,896,094	340,014	401,409	1,498,603	67,053	5,631,976	6,020,646
6,073,205	1,918,981	332,657	401,827	1,535,789	67,248	5,702,057	6,086,790
6,070,127	1,938,541	325,893	401,109	1,562,903	67,203	5,709,001	6,102,703
6,058,431	1,960,881	328,800	401,900	1,567,823	67,388	5,749,951	6,114,237
6,052,632	1,984,221	334,395	402,878	1,585,329	67,661	5,783,217	6,130,129
6,016,758	2,004,749	334,209	401,962	1,603,421	68,020	5,748,482	6,128,094
5,904,197	2,018,816	326,283	400,656	1,632,383	68,005	5,639,045	5,976,428
5,929,043	2,043,071	323,430	402,626	1,665,543	68,686	5,671,066	6,036,507
6,099,233	2,078,328	327,630	405,717	1,669,925	69,597	5,804,189	6,189,079
6,314,153	2,120,886	334,683	410,185	1,672,844	70,049	5,949,257	6,363,703
6,299,335	2,131,721	337,016	409,297	1,669,772	69,436	5,942,933	6,366,985
6,238,910	2,131,504	333,197	405,820	1,678,759	69,150	5,815,778	6,236,831

6,328,856	2,152,855	340,618	410,127	1,678,077	70,488	5,971,198	6,384,329
6,276,135	2,151,502	336,965	408,601	1,666,598	70,246	5,790,303	6,211,506
6,267,071	2,153,234	335,154	407,580	1,664,973	70,412	5,781,937	6,199,242
6,263,567	2,155,661	332,181	407,679	1,666,842	70,488	5,782,407	6,187,755
6,258,217	2,157,826	328,369	406,190	1,643,693	70,458	5,780,218	6,181,468
6,275,321	2,166,288	330,045	407,871	1,634,663	70,294	5,841,166	6,204,819
6,443,788	2,190,935	337,197	412,488	1,640,963	70,695	6,053,008	6,436,733
6,614,219	2,207,213	343,205	414,318	1,626,103	70,871	6,209,196	6,554,241
6,483,516	2,188,712	336,907	413,245	1,622,219	69,891	6,059,209	6,398,331
6,450,712	2,184,389	333,033	416,750	1,621,657	70,061	6,088,178	6,434,148
6,657,890	2,206,045	337,202	422,843	1,631,833	70,806	6,207,434	6,580,140
6,722,175	2,213,244	339,129	423,827	1,616,805	70,880	6,215,752	6,613,369
6,650,266	2,205,068	337,110	419,209	1,615,675	70,539	6,118,076	6,542,676
6,718,949	2,214,878	343,886	419,286	1,623,558	70,862	6,277,928	6,701,624
6,729,592	2,216,418	347,816	419,328	1,634,430	70,906	6,291,174	6,707,490
6,728,896	2,220,384	350,781	421,308	1,655,386	70,965	6,271,045	6,713,041
6,731,430	2,224,622	351,512	422,547	1,665,751	70,979	6,297,657	6,720,656
6,734,800	2,222,439	351,438	424,595	1,662,173	71,059	6,302,070	6,721,287
6,666,105	2,215,606	345,777	422,035	1,647,590	70,793	6,195,322	6,612,246
6,637,328	2,210,668	343,258	422,584	1,630,485	70,764	6,176,603	6,623,723
6,645,019	2,216,264	345,583	420,614	1,616,655	70,462	6,226,675	6,673,959
6,490,047	2,202,050	337,239	413,257	1,619,632	69,410	6,078,519	6,510,878
6,368,971	2,199,304	331,151	409,566	1,616,758	69,721	6,064,259	6,526,236
6,195,040	2,163,877	320,855	408,572	1,615,962	68,883	5,967,907	6,390,033
6,223,842	2,135,685	315,998	409,951	1,621,171	69,326	6,062,109	6,463,441
6,221,240	2,100,070	312,974	409,434	1,599,461	69,513	6,043,055	6,447,034
6,201,683	2,076,520	308,032	407,956	1,572,152	69,722	6,032,511	6,440,638
6,195,389	2,056,278	305,178	406,313	1,555,980	69,708	6,046,369	6,435,374
6,190,496	2,037,899	303,493	403,300	1,551,695	69,809	6,003,518	6,429,540
6,196,021	2,029,906	302,927	399,687	1,552,321	69,904	6,000,440	6,419,228
6,212,425	2,019,979	303,265	397,867	1,539,475	70,195	6,049,400	6,472,055
6,073,883	1,994,749	297,037	392,126	1,549,575	69,436	5,871,192	6,259,762
6,022,450	1,967,078	290,727	387,425	1,551,275	70,157	5,824,579	6,208,063
6,118,744	1,953,273	294,089	388,267	1,554,838	71,103	5,910,322	6,299,573
6,255,760	1,938,328	297,116	388,118	1,546,211	71,748	5,968,840	6,323,731
6,339,406	1,945,706	299,836	387,323	1,553,370	73,064	6,000,041	6,367,558
6,275,725	1,955,616	297,627	386,200	1,561,568	73,261	5,900,093	6,282,352
6,236,033	1,966,399	293,945	385,774	1,574,531	73,041	5,870,574	6,234,876
6,244,734	1,979,735	293,909	388,132	1,588,428	72,828	5,843,965	6,219,834
6,261,449	1,993,920	294,451	388,494	1,583,814	72,707	5,845,033	6,238,218
6,267,629	2,006,211	294,970	389,030	1,586,136	72,808	5,869,697	6,241,804
6,248,087	2,013,417	293,790	390,156	1,590,869	72,815	5,834,839	6,213,514
6,180,896	2,010,047	289,092	390,032	1,576,412	72,632	5,704,087	6,087,969
6,201,252	2,018,344	289,034	393,244	1,571,531	73,348	5,788,226	6,190,048
6,201,176	2,024,889	286,406	395,159	1,582,335	73,338	5,737,206	6,129,001
6,359,363	2,049,009	290,066	396,322	1,571,418	75,302	5,879,346	6,294,273
6,341,419	2,051,424	287,066	397,102	1,571,249	75,572	5,820,127	6,238,534
6,355,654	2,054,477	287,013	397,917	1,572,702	75,886	5,826,924	6,251,843
6,398,791	2,053,935	288,011	399,607	1,571,396	75,881	5,865,458	6,275,774
6,404,253	2,063,075	288,480	399,273	1,546,918	75,758	5,800,856	6,245,907
6,404,179	2,071,728	288,274	399,704	1,513,299	75,748	5,829,482	6,263,762
6,393,880	2,069,461	286,795	400,277	1,485,177	75,662	5,789,198	6,246,569
6,388,253	2,064,077	285,623	401,324	1,464,233	75,270	5,790,174	6,243,447
6,418,546	2,076,102	284,139	392,944	1,422,233	75,029	5,832,548	6,303,375
6,464,078	2,095,337	281,831	384,034	1,423,354	75,321	5,906,754	6,395,811

6,426,569	2,103,411	271,932	370,746	1,397,019	75,155	5,813,123	6,296,386
6,417,321	2,111,659	262,222	357,165	1,361,576	75,617	5,804,628	6,310,799
6,148,385	2,093,740	243,144	337,068	1,375,001	74,625	5,511,145	5,992,221
6,036,718	2,089,208	232,096	321,406	1,383,969	74,874	5,494,761	5,980,951
6,069,397	2,105,932	223,741	307,127	1,374,743	74,528	5,521,123	6,022,360
6,051,349	2,118,343	217,748	294,799	1,351,309	73,950	5,455,989	5,976,771
6,046,618	2,133,254	214,266	287,096	1,362,667	73,807	5,510,003	6,017,129
6,063,585	2,142,462	218,898	278,262	1,375,150	73,464	5,537,430	6,061,131
6,064,281	2,148,318	218,466	268,774	1,372,501	73,270	5,571,264	6,071,461
6,076,626	2,164,122	219,333	261,597	1,347,108	73,133	5,549,659	6,087,871
6,051,974	2,153,940	217,645	261,464	1,330,508	73,309	5,529,467	6,077,855
5,996,540	2,140,415	210,990	260,633	1,327,941	72,971	5,477,167	6,018,446
6,120,319	2,150,267	212,187	260,386	1,343,532	73,364	5,620,230	6,191,141
6,058,350	2,140,576	206,905	256,042	1,361,297	72,911	5,542,513	6,111,582
6,112,137	2,144,579	208,463	256,966	1,350,558	72,067	5,659,575	6,244,197
6,105,314	2,146,844	207,261	256,642	1,345,325	71,111	5,649,702	6,266,628
6,025,789	2,130,483	204,110	253,774	1,339,767	70,299	5,591,441	6,190,088
					70,330	**5,660,774**	**6,261,710**
					70,430	**5,678,405**	**6,296,917**
					70,426	**5,661,322**	**6,271,520**
					70,560	**5,635,693**	**6,275,557**
					70,780	**5,634,402**	**6,279,532**
					70,518	**5,661,429**	**6,293,044**
					70,714	**5,773,441**	**6,401,237**
					70,208	**5,740,963**	**6,354,911**
					69,961	**5,920,098**	**6,542,019**
					70,018	**6,031,171**	**6,676,337**
					69,822	**6,100,933**	**6,740,648**
					70,126	**6,225,473**	**6,887,744**
					69,969	**6,249,101**	**6,892,283**
					69,893	**6,266,857**	**6,894,233**
					70,139	**6,267,231**	**6,895,240**
					70,319	**6,282,056**	**6,896,138**
					70,460	**6,302,610**	**6,897,207**
					70,776	**6,309,941**	**6,898,786**
					70,755	**6,320,159**	**6,902,356**

CNF	CHZ	CNZ	G54Z	
				2013/2014
				2013/2014
				2013/2014
				2013/2014
				2013/2014
				2013/2014
				2013/2014
				2013/2014
				2013/2014
				2013/2014
				2014/2015
2,057,765	300,215	401,624	1,565,081	2014/2015
2,073,198	300,582	410,190	1,561,564	2014/2015
2,096,726	310,526	425,868	1,549,421	2014/2015
2,101,532	309,304	439,485	1,537,127	2014/2015
2,103,590	310,110	450,842	1,529,138	2014/2015
2,098,516	306,685	456,079	1,516,414	2014/2015
2,105,995	307,786	460,542	1,511,375	2014/2015
2,105,577	305,711	464,033	1,516,276	2014/2015
2,105,837	304,314	465,514	1,521,559	2014/2015
2,097,306	300,447	468,379	1,525,485	2014/2015
2,100,614	306,147	464,181	1,521,586	2014/2015
2,077,105	300,291	465,139	1,528,132	2015/2016
2,054,382	295,784	458,137	1,533,222	2015/2016
2,020,409	289,980	449,568	1,548,084	2015/2016
1,974,916	284,296	439,024	1,561,343	2015/2016
1,932,683	286,809	428,558	1,563,442	2015/2016
1,920,822	295,282	417,514	1,552,105	2015/2016
1,917,561	302,552	415,442	1,561,351	2015/2016
1,906,071	307,747	415,155	1,555,314	2015/2016
1,901,370	314,627	412,773	1,539,948	2015/2016
1,889,812	313,792	411,336	1,531,746	2015/2016
1,883,280	313,461	408,928	1,532,604	2015/2016
1,870,048	313,922	406,768	1,536,161	2015/2016
1,865,757	318,998	402,233	1,519,821	2016/2017
1,888,772	332,520	400,710	1,508,404	2016/2017
1,883,074	334,759	403,035	1,503,510	2016/2017
1,876,391	328,753	399,800	1,501,461	2016/2017
1,903,960	330,163	397,979	1,514,291	2016/2017
1,897,873	321,711	402,384	1,533,605	2016/2017
1,921,109	323,277	400,782	1,539,249	2016/2017
1,934,918	320,062	400,620	1,560,259	2016/2017
1,951,439	315,621	401,240	1,575,648	2016/2017
1,971,293	318,188	402,756	1,578,733	2016/2017
1,988,743	322,540	403,201	1,588,664	2016/2017
1,992,054	314,720	403,225	1,598,837	2016/2017
2,023,001	319,200	402,097	1,614,921	2017/2018
2,052,134	321,550	403,785	1,633,258	2017/2018
2,085,033	328,235	406,516	1,635,711	2017/2018
2,103,401	329,109	409,968	1,637,342	2017/2018
2,101,423	327,047	410,270	1,635,680	2017/2018

2,128,556	332,124	408,324	1,640,690	2017/2018
2,118,156	325,353	410,515	1,640,447	2017/2018
2,130,386	324,226	408,497	1,634,367	2017/2018
2,129,994	323,405	406,915	1,633,862	2017/2018
2,132,204	322,401	408,150	1,635,464	2017/2018
2,138,734	320,644	408,153	1,623,481	2017/2018
2,170,218	329,922	409,014	1,619,454	2017/2018
2,183,642	331,971	413,530	1,624,033	2018/2019
2,174,693	328,412	415,160	1,617,104	2018/2019
2,179,220	329,583	414,225	1,616,320	2018/2019
2,190,988	332,569	416,738	1,617,403	2018/2019
2,200,562	332,722	420,581	1,624,384	2018/2019
2,194,812	331,454	420,568	1,617,407	2018/2019
2,208,124	338,351	418,241	1,617,903	2018/2019
2,204,144	339,297	419,099	1,623,085	2018/2019
2,207,043	341,159	418,998	1,629,528	2018/2019
2,211,117	342,209	418,954	1,641,037	2018/2019
2,213,711	342,437	419,815	1,646,205	2018/2019
2,198,540	337,559	421,935	1,643,155	2018/2019
2,202,630	336,622	419,858	1,633,506	2019/2020
2,198,846	335,649	420,342	1,621,947	2019/2020
2,179,973	328,914	418,583	1,611,693	2019/2020
2,177,368	325,678	411,396	1,610,303	2019/2020
2,160,329	318,191	409,832	1,605,366	2019/2020
2,150,517	316,458	409,641	1,601,334	2019/2020
2,117,687	311,662	410,028	1,600,509	2019/2020
2,088,942	311,025	409,987	1,584,916	2019/2020
2,069,108	309,170	410,230	1,566,460	2019/2020
2,052,419	308,257	409,051	1,554,508	2019/2020
2,038,630	307,008	406,515	1,549,560	2019/2020
2,036,431	308,341	403,018	1,547,853	2019/2020
2,002,523	299,744	401,128	1,539,321	2020/2021
1,995,705	299,024	396,468	1,544,040	2020/2021
1,989,058	298,410	392,758	1,544,784	2020/2021
1,978,354	299,693	395,775	1,547,124	2020/2021
1,966,857	300,317	395,086	1,543,315	2020/2021
1,962,008	297,494	394,979	1,548,730	2020/2021
1,976,040	296,093	395,075	1,555,155	2020/2021
1,989,416	293,435	394,815	1,564,537	2020/2021
2,004,347	293,655	395,644	1,574,645	2020/2021
2,013,890	293,360	396,541	1,574,672	2020/2021
2,019,553	293,063	397,292	1,578,533	2020/2021
2,017,351	288,843	399,156	1,555,783	2020/2021
2,037,027	292,400	399,704	1,565,615	2021/2022
2,030,845	287,473	402,280	1,565,220	2021/2022
2,056,624	292,646	403,927	1,573,281	2021/2022
2,055,909	290,125	403,504	1,569,207	2021/2022
2,063,164	290,932	404,010	1,570,854	2021/2022
2,064,919	291,944	405,221	1,573,190	2021/2022
2,059,626	291,071	406,853	1,539,857	2021/2022
2,072,037	293,042	406,822	1,512,310	2021/2022
2,074,924	291,911	407,288	1,479,614	2021/2022
2,073,490	291,421	407,537	1,449,856	2021/2022
2,074,462	292,880	399,452	1,423,989	2021/2022
2,090,988	289,432	391,927	1,414,382	2021/2022

2,087,480	277,302	382,776	1,385,241	2022/2023
2,102,563	270,878	370,739	1,356,327	2022/2023
2,073,345	251,694	352,016	1,356,362	2022/2023
2,082,921	242,861	334,428	1,345,729	2022/2023
2,082,845	234,321	317,386	1,343,037	2022/2023
2,090,228	227,381	302,682	1,330,337	2022/2023
2,107,703	224,494	290,107	1,343,787	2022/2023
2,120,773	221,315	281,446	1,357,689	2022/2023
2,126,581	221,891	272,106	1,372,199	2022/2023
2,132,642	219,684	261,854	1,378,360	2022/2023
2,143,623	216,586	262,186	1,371,978	2022/2023
2,129,920	214,686	258,922	1,370,408	2022/2023
2,142,218	216,494	255,744	1,376,532	2023/2024
2,129,387	209,371	252,487	1,392,615	2023/2024
2,142,980	210,639	253,935	1,375,891	2023/2024
2,135,817	208,479	253,364	1,381,015	2023/2024
2,130,774	205,573	252,320	1,378,745	2023/2024
2,129,760	**207,813**	**249,050**	**1,375,728**	2023/2024
2,124,529	**209,046**	**244,272**	**1,376,336**	2023/2024
2,109,696	**210,229**	**238,178**	**1,375,888**	2023/2024
2,102,103	**210,223**	**234,781**	**1,379,628**	2023/2024
2,098,755	**212,475**	**233,140**	**1,390,322**	2023/2024
2,090,383	**213,595**	**231,523**	**1,407,126**	2023/2024
2,097,394	**217,593**	**231,686**	**1,427,058**	2023/2024
2,088,817	**217,636**	**231,219**	**1,435,264**	2024/2025
2,101,367	**223,543**	**231,768**	**1,437,731**	2024/2025
2,113,733	**227,336**	**235,317**	**1,439,050**	2024/2025
2,124,256	**229,939**	**239,705**	**1,433,512**	2024/2025
2,141,312	**234,707**	**241,633**	**1,426,273**	2024/2025
2,141,497	**234,068**	**243,948**	**1,425,171**	2024/2025
2,141,369	**233,658**	**245,850**	**1,424,775**	2024/2025
2,141,327	**232,825**	**246,697**	**1,424,754**	2024/2025
2,141,340	**232,742**	**246,572**	**1,424,921**	2024/2025
2,141,389	**232,756**	**246,094**	**1,425,172**	2024/2025
2,141,466	**233,293**	**245,337**	**1,425,457**	2024/2025
2,141,574	**234,777**	**244,391**	**1,425,742**	2024/2025

Customer Model UPC Model Year-End	Year	RNH	RH	CHF	CNF	CHZ
				Weather Normalized Historical (Nov-Oct S		
	2014/2015	68,179	5,833,786	6,136,481	2,039,413	282,833
	2015/2016	67,830	5,782,214	6,133,788	1,901,797	349,765
	2016/2017	69,827	5,991,481	6,227,909	2,051,997	338,087
	2017/2018	70,218	6,154,920	6,428,046	2,189,262	337,128
	2018/2019	69,475	6,275,454	6,631,617	2,212,314	344,639
	2019/2020	71,985	6,164,654	6,437,499	2,042,626	310,476
	2020/2021	76,592	6,384,754	6,843,587	2,077,002	310,777
	2021/2022	78,175	6,179,731	6,826,654	2,131,362	293,635
	2022/2023	76,138	6,024,821	6,771,289	2,217,453	235,997
Hist/For	*2023/2024*					
	2024/2025					

Split Year)			0 0	0 0	0 0	0 0
CNZ	G54Z	Company Use	RNH	RH	CHF	CNF
493,269	1,503,542	21,966	52,510	6,181,318	6,422,928	2,100,614
409,391	1,471,005	21,023	65,138	5,254,491	5,606,480	1,870,048
400,656	1,632,383	29,605	68,005	5,639,045	5,976,428	1,992,054
412,488	1,640,963	34,702	70,695	6,053,008	6,436,733	2,170,218
422,035	1,647,590	29,224	70,793	6,195,322	6,612,246	2,198,540
397,867	1,539,475	23,763	70,195	6,049,400	6,472,055	2,036,431
390,032	1,576,412	26,601	72,632	5,704,087	6,087,969	2,017,351
384,034	1,423,354	25,588	75,321	5,906,754	6,395,811	2,090,988
260,633	1,327,941	22,656	72,971	5,477,167	6,018,446	2,129,920
			73,309	*6,104,648*	*6,877,807*	*2,145,692*
			70,755	*6,320,159*	*6,902,356*	*2,141,574*

0 CHZ	0 CNZ	0 G54Z	Company Use	Total Planning Load Prior to Adjs.	
306,147	464,181	1,521,586	26,957	14,099,826	
313,922	406,768	1,536,161	21,136	13,906,651	
314,720	403,225	1,598,837	24,389	14,370,819	
329,922	409,014	1,619,454	27,620	14,877,148	
337,559	421,935	1,643,155	26,184	15,218,084	
308,341	403,018	1,547,853	24,024	14,740,527	
288,843	399,156	1,555,783	22,311	15,408,535	
289,432	391,927	1,414,382	23,765	*14,492,639*	
214,686	258,922	1,370,408	21,038	*13,719,543*	
232,182	*228,335*	*1,446,328*	*26,421*	*15,227,876*	
234,777	*244,391*	*1,425,742*	*25,247*	*15,460,091*	

	Econome		
	RNH	RH	CHF
	68,179	5,833,786	6,136,481
	67,830	5,782,214	6,133,788
	69,827	5,991,481	6,227,909
	70,218	6,154,920	6,428,046
	69,475	6,275,454	6,631,617
	71,985	6,164,654	6,437,499
	76,592	6,384,754	6,843,587
	78,175	6,179,731	6,826,654
	76,138	6,024,821	6,771,289
	73,309	6,104,648	6,877,807
	70,755	6,320,159	6,902,356

etric Results + Out-of-Model Adjustments						
CNF	CHZ	CNZ	G54Z	Company Use	RNH	RH
2,039,413	282,833	493,269	1,503,542	21,966	2,252	192,656
1,901,797	349,765	409,391	1,471,005	21,023	*1,393*	*118,759*
2,051,997	338,087	400,656	1,632,383	29,605	*927*	*79,532*
2,189,262	337,128	412,488	1,640,963	34,702	1,526	133,735
2,212,314	344,639	422,035	1,647,590	29,224	788	71,214
2,042,626	310,476	397,867	1,539,475	23,763	1,497	128,233
2,077,002	310,777	390,032	1,576,412	26,601	1,147	95,625
2,131,362	293,635	384,034	1,423,354	25,588	*2,211*	*174,805*
2,217,453	235,997	260,633	1,327,941	22,656	*2,418*	*191,305*
2,145,692	232,182	228,335	1,446,328	26,421	*1,143*	*95,200*
2,141,574	234,777	244,391	1,425,742	25,247	*1,103*	*98,561*

Unaccounted For Gas (8-Year) 1.56%

Source: Unaccounted For Gas

Unaccounted For						
CHF	CNF	CHZ	CNZ	G54Z	Company Use	Firm + CoUse
202,652	67,350	3,509	6,121	18,656	*725*	*465,635*
125,980	*39,061*	*331*	*388*	*1,393*	*432*	*285,625*
82,670	*27,239*	*-1,853*	*-2,195*	*-8,945*	*393*	*190,761*
139,670	47,569	7,355	8,999	35,799	*754*	*323,254*
75,256	25,105	1,702	2,084	8,135	332	*172,696*
133,909	42,489	4,481	5,742	22,218	494	*306,623*
102,497	31,107	3,936	4,940	19,965	398	*230,774*
193,104	*60,289*	*7,519*	*9,834*	*36,447*	*724*	*431,134*
215,007	*70,410*	*6,552*	*7,236*	*36,866*	*719*	*479,859*
107,258	*33,461*	*3,621*	*3,561*	*22,555*	*412*	*237,475*
107,640	*33,397*	*3,661*	*3,811*	*22,234*	*394*	*241,096*

Capacity Exempt	Customer Segment Models Residential	C&I	Normal Year Planning Load	Normal Year Planning Load + iNATGAS
28,286	5,901,965	8,175,895	14,565,461	14,565,461
2,111	5,850,043	8,035,585	14,192,276	14,192,276
-12,993	6,061,308	8,279,906	14,561,580	14,561,580
52,152	6,225,138	8,617,308	15,200,402	15,321,953
11,921	6,344,929	8,843,931	15,390,780	15,393,118
32,441	6,236,640	8,480,125	15,047,151	15,047,760
28,840	6,461,346	8,920,588	15,639,309	15,644,710
53,800	6,257,906	8,958,016	15,672,643	15,673,531
50,653	6,100,959	8,988,742	15,592,216	15,592,784
29,737	6,177,956	9,023,499	*15,465,351*	*15,608,590*
29,707	6,390,914	9,043,929	*15,701,187*	*16,001,187*

iNATGAS	300,000
2014/2015	0
2015/2016	0
2016/2017	0
2017/2018	121,551
2018/2019	2,338
2019/2020	609
2020/2021	5,401
2021/2022	888
2022/2023	568
2023/2024 (Historical)	513
2023/2024 (Forecast)	142,727

Calibration %	
-13.15%	17,807,724
-11.34%	17,710,364

Docket No. DG 24-106
DOE Technical Statement
Attachment B (DOE 1-4.1_COG)

				Quarterly		
Month	Actual RNHUPC	RNHUPC5	Actual RHUPC	RHUPC1	Actual CHFUPC	CHFUPC2
1/1/2014	4.22		14.80	14.33	115.51	117.01
2/1/2014	4.18		14.64	13.83	113.10	112.20
3/1/2014	3.73		12.20	12.15	93.76	95.57
4/1/2014	2.54		6.66	6.68	51.28	49.89
5/1/2014	1.70		3.23	3.35	25.51	23.33
6/1/2014	1.27		1.91	1.42	14.52	8.55
7/1/2014	1.04		1.55	1.37	11.63	6.83
8/1/2014	1.04		1.57	1.37	12.86	9.46
9/1/2014	1.14		2.05	2.26	16.44	16.94
10/1/2014	1.49		3.95	4.41	30.93	34.03
11/1/2014	2.13		8.56	8.97	65.86	69.47
12/1/2014	2.57		11.58	11.26	89.11	85.17
1/1/2015	3.10	1.79	15.27	14.86	122.25	120.70
2/1/2015	3.27	3.22	16.40	16.38	132.08	131.74
3/1/2015	2.78	2.57	12.22	11.68	96.47	93.14
4/1/2015	2.06	2.11	6.53	6.36	51.32	49.27
5/1/2015	1.43	1.56	2.73	2.34	20.92	17.35
6/1/2015	1.16	1.32	1.86	2.22	14.63	13.62
7/1/2015	1.00	1.18	1.54	1.43	12.29	7.76
8/1/2015	0.93	1.04	1.44	1.13	11.50	9.84
9/1/2015	1.02	1.00	1.82	1.59	14.61	11.58
10/1/2015	1.50	1.41	4.10	5.19	33.92	41.86
11/1/2015	1.96	1.95	6.91	7.23	54.56	55.81
12/1/2015	2.33	2.25	9.12	8.93	72.33	69.10
1/1/2016	2.87	2.82	12.26	12.55	97.89	102.41
2/1/2016	2.85	2.81	12.07	12.34	96.02	99.91
3/1/2016	2.38	2.34	8.83	8.90	68.65	68.95
4/1/2016	2.00	2.05	6.21	6.59	48.19	52.88
5/1/2016	1.47	1.48	3.15	3.54	24.93	26.03
6/1/2016	1.11	1.16	1.76	1.73	13.26	10.89
7/1/2016	0.93	1.03	1.45	1.13	10.89	8.34
8/1/2016	0.89	0.97	1.38	0.78	10.64	9.22
9/1/2016	1.03	1.01	1.80	1.50	15.86	12.59
10/1/2016	1.50	1.42	3.99	4.46	34.20	38.98
11/1/2016	2.19	2.08	7.84	7.57	61.22	61.16
12/1/2016	2.96	2.78	11.95	12.12	94.47	94.00
1/1/2017	3.06	2.93	12.51	11.97	99.06	97.79
2/1/2017	2.71	2.81	11.75	11.45	93.36	92.12
3/1/2017	2.39	2.68	11.02	12.06	87.31	94.45
4/1/2017	1.83	1.69	6.10	5.40	47.71	42.52
5/1/2017	1.49	1.50	3.38	4.42	25.33	32.05
6/1/2017	1.19	1.11	1.98	1.80	12.78	12.38
7/1/2017	1.03	1.06	1.50	1.64	9.60	9.37
8/1/2017	1.02	1.03	1.51	1.20	9.92	10.69
9/1/2017	1.09	1.10	1.71	1.03	11.97	12.21
10/1/2017	1.32	1.37	3.02	3.01	22.89	23.70
11/1/2017	2.08	2.24	8.09	7.91	62.50	66.47
12/1/2017	2.88	2.99	13.74	13.64	107.97	106.61
1/1/2018	3.12	2.98	14.74	13.61	116.66	111.47
2/1/2018	2.70	2.52	11.41	11.19	89.70	90.25
3/1/2018	2.54	2.47	10.25	10.30	79.79	80.63
4/1/2018	2.13	2.06	7.16	7.34	55.06	55.55
5/1/2018	1.39	1.42	2.77	2.09	19.78	15.04

6/1/2018	1.15	1.19	1.74	1.66	11.59	10.89
7/1/2018	0.95	1.09	1.39	1.63	9.04	8.04
8/1/2018	0.93	1.01	1.36	1.16	9.20	9.83
9/1/2018	1.05	1.03	1.79	1.81	13.45	14.31
10/1/2018	1.52	1.47	4.91	5.65	38.19	45.46
11/1/2018	2.18	2.24	9.90	9.83	77.51	75.60
12/1/2018	2.51	2.63	12.09	11.62	94.80	90.28
1/1/2019	2.79	2.98	14.10	13.84	112.51	113.66
2/1/2019	2.76	2.71	13.72	12.69	109.62	103.83
3/1/2019	2.44	2.45	10.64	10.32	84.77	82.72
4/1/2019	1.92	1.91	6.12	6.01	47.76	48.46
5/1/2019	1.53	1.49	3.41	4.06	25.90	29.67
6/1/2019	1.19	1.15	1.85	1.82	12.51	11.28
7/1/2019	0.97	1.08	1.39	1.36	8.90	8.49
8/1/2019	0.96	1.00	1.38	1.48	9.37	10.49
9/1/2019	1.11	1.05	1.83	1.85	13.65	14.26
10/1/2019	1.46	1.38	4.06	4.24	31.29	34.66
11/1/2019	2.19	2.23	9.31	9.45	73.50	75.96
12/1/2019	2.60	2.53	11.73	12.07	93.79	93.19
1/1/2020	2.71	2.64	12.15	11.82	96.42	96.91
2/1/2020	2.65	2.70	11.60	12.30	92.29	99.69
3/1/2020	2.33	2.19	8.75	8.79	67.65	69.14
4/1/2020	2.08	2.04	6.64	7.11	49.57	54.40
5/1/2020	1.60	1.54	3.60	3.73	25.06	27.66
6/1/2020	1.15	1.21	1.72	1.65	10.33	10.41
7/1/2020	0.95	1.07	1.37	1.50	8.05	7.80
8/1/2020	0.95	1.02	1.37	0.92	8.61	9.61
9/1/2020	1.14	1.06	1.91	1.76	13.71	12.76
10/1/2020	1.54	1.44	4.00	4.73	32.04	38.29
11/1/2020	2.20	1.96	7.49	6.99	59.62	54.43
12/1/2020	2.77	2.71	10.94	11.27	88.01	87.23
1/1/2021	3.13	2.90	12.90	12.64	103.88	103.78
2/1/2021	3.24	2.98	13.25	12.85	107.85	104.14
3/1/2021	2.59	2.56	9.21	9.23	74.18	72.25
4/1/2021	1.94	2.08	5.41	5.75	43.08	45.70
5/1/2021	1.43	1.46	2.90	3.35	21.24	22.90
6/1/2021	1.09	1.14	1.69	1.29	11.02	8.86
7/1/2021	0.99	1.03	1.41	1.49	9.50	9.37
8/1/2021	0.95	1.05	1.35	1.20	9.09	9.81
9/1/2021	1.03	1.07	1.54	1.30	11.76	9.95
10/1/2021	1.44	1.41	3.21	3.10	25.72	26.68
11/1/2021	2.33	2.20	7.58	7.96	61.08	63.50
12/1/2021	2.99	2.74	10.72	10.56	87.29	81.50
1/1/2022	3.64	3.53	14.05	14.23	116.77	117.45
2/1/2022	3.37	3.12	12.68	11.96	105.16	97.70
3/1/2022	2.72	2.69	9.06	9.24	74.81	72.78
4/1/2022	2.06	2.12	5.68	6.18	46.59	47.54
5/1/2022	1.42	1.46	2.78	2.56	21.51	20.08
6/1/2022	1.09	1.16	1.56	1.64	10.93	10.44
7/1/2022	0.91	1.02	1.28	1.00	8.50	7.74
8/1/2022	0.85	0.96	1.21	1.21	8.53	9.48
9/1/2022	1.10	1.02	1.81	1.82	14.58	15.61
10/1/2022	1.55	1.54	3.35	3.99	29.62	34.97
11/1/2022	2.33	2.23	6.75	6.77	57.46	53.98
12/1/2022	3.29	2.97	10.32	10.43	86.36	82.46

1/1/2023	3.47	3.33	11.11	10.69	93.23	89.50
2/1/2023	3.19	3.33	11.14	11.72	94.33	96.73
3/1/2023	2.71	2.69	8.99	9.54	77.62	76.46
4/1/2023	1.97	2.03	5.21	5.37	44.85	43.46
5/1/2023	1.42	1.47	2.64	3.20	20.98	23.62
6/1/2023	1.13	1.10	1.68	1.97	12.35	14.44
7/1/2023	0.85	1.01	1.22	1.40	8.42	8.57
8/1/2023	1.03	0.96	1.39	0.94	9.49	10.78
9/1/2023	1.04	1.13	1.57	1.56	12.03	14.38
10/1/2023	1.31	1.49	2.80	3.33	24.37	29.16
11/1/2023	2.57	2.46	8.08	8.47	68.20	69.15
12/1/2023	2.83	2.97	9.57	9.44	80.26	75.04
1/1/2024	3.25	3.24	11.48	12.01	97.15	100.64
2/1/2024	3.11	3.05	10.67	11.51	89.73	94.91
3/1/2024	2.68	2.54	8.44	8.59	70.23	69.15
4/1/2024		**2.15**		**6.26**		**49.84**
5/1/2024		**1.58**		**3.39**		**26.76**
6/1/2024		**1.15**		**1.76**		**12.15**
7/1/2024		**1.10**		**1.10**		**9.01**
8/1/2024		**1.07**		**0.93**		**11.28**
9/1/2024		**1.09**		**1.91**		**15.78**
10/1/2024		**1.62**		**4.71**		**39.09**
11/1/2024		**2.53**		**9.43**		**75.45**
12/1/2024		**3.20**		**13.27**		**104.25**
1/1/2025		**3.61**		**15.37**		**127.76**
2/1/2025		**3.40**		**14.00**		**116.45**
3/1/2025		**2.89**		**11.70**		**93.50**
4/1/2025		**2.12**		**6.49**		**49.84**
5/1/2025		**1.57**		**3.59**		**26.77**
6/1/2025		**1.26**		**1.76**		**12.16**
7/1/2025		**1.18**		**1.27**		**9.02**
8/1/2025		**1.14**		**1.18**		**11.30**
9/1/2025		**1.22**		**1.99**		**15.80**
10/1/2025		**1.64**		**4.81**		**39.11**

					Rolling 12-Month Sum	
Actual CNFUPC	CNFUPC2	Actual RNHUPC	RNHUPC5	Actual RHUPC	RHUPC1	Actual CHFUPC
145.26	150.14					
147.25	144.32					
135.55	134.14					
102.94	106.52					
83.83	86.42					
76.08	73.63					
72.33	71.13					
73.59	75.59					
81.17	81.34					
92.53	93.18					
114.02	114.84					
127.60	124.60	27		83	81	641
153.15	153.38	26		83	82	647
169.21	161.68	25		85	84	666
139.32	139.18	24		85	84	669
107.25	110.13	24		85	84	669
82.17	85.36	23		84	83	664
79.16	80.39	23		84	83	664
73.17	72.52	23		84	84	665
73.89	77.16	23		84	83	664
77.05	77.87	23		84	83	662
93.41	97.46	23		84	83	665
104.51	102.54	23		82	82	654
111.28	113.10	23	21	80	79	637
134.45	136.31	22	22	77	77	613
134.47	134.58	22	22	73	73	576
114.56	112.29	21	22	69	70	549
101.09	104.96	21	22	69	70	546
82.51	85.16	21	22	69	72	550
74.13	74.53	21	21	69	71	548
67.02	70.85	21	21	69	71	547
70.07	71.41	21	21	69	71	546
72.93	74.67	21	21	69	70	547
86.89	90.60	21	21	69	70	547
105.95	100.93	22	21	70	70	554
128.05	128.08	22	22	73	73	576
133.31	133.28	22	22	73	73	577
133.66	131.10	22	22	73	72	575
135.59	133.17	22	22	75	75	593
107.90	102.49	22	22	75	74	593
97.71	100.44	22	22	75	75	593
87.42	84.33	22	22	75	75	593
81.83	81.73	22	22	75	75	592
85.40	84.65	22	22	75	76	591
86.68	86.69	22	22	75	75	587
96.56	93.06	22	22	74	74	576
122.42	121.83	22	22	75	74	577
150.83	146.95	22	23	76	76	590
160.82	154.37	22	23	79	77	608
142.19	144.60	22	22	78	77	604
134.85	132.69	22	22	77	75	597
120.78	119.05	23	22	78	77	604
95.94	93.10	22	22	78	75	599

87.44	91.05	22	22	78	75	597
81.96	80.23	22	22	78	75	597
83.74	84.27	22	22	77	75	596
88.49	87.36	22	22	77	75	598
107.37	108.11	22	22	79	78	613
127.13	124.51	23	22	81	80	628
134.15	135.18	22	22	80	78	615
152.34	150.97	22	22	79	78	611
151.44	146.30	22	22	81	80	631
134.55	134.17	22	22	82	80	636
111.67	111.51	22	22	81	78	628
98.29	98.30	22	22	81	80	634
84.95	85.61	22	22	81	80	635
80.20	79.48	22	22	81	80	635
82.98	83.26	22	22	81	80	635
84.59	86.40	22	22	81	81	635
100.32	97.34	22	22	80	79	629
121.50	124.95	22	22	80	79	625
135.01	131.93	22	22	80	79	624
141.25	139.07	22	22	78	77	607
141.63	143.55	22	22	75	77	590
111.12	119.25	22	21	74	75	573
92.30	104.25	22	21	74	76	575
75.23	77.61	22	22	74	76	574
69.07	66.57	22	22	74	76	572
67.77	66.51	22	22	74	76	571
72.45	72.77	22	22	74	75	570
79.53	77.92	22	22	74	75	570
94.59	95.19	22	22	74	76	571
106.77	103.56	22	21	72	73	557
119.29	127.21	22	22	72	73	551
133.52	134.13	22	22	72	73	559
137.11	135.33	23	22	74	74	574
115.59	114.95	23	22	74	74	581
98.30	100.25	23	23	73	73	574
81.61	85.00	23	22	72	73	571
77.09	74.03	23	22	72	72	571
75.85	74.66	23	22	72	72	573
79.21	77.66	23	22	72	73	573
83.59	80.54	23	22	72	72	571
92.36	93.33	23	22	71	70	565
111.62	114.95	23	23	71	71	566
123.26	123.42	23	23	71	71	566
147.86	149.50	24	23	72	72	579
139.10	135.35	24	23	72	71	576
117.64	119.83	24	24	72	71	577
98.25	101.84	24	24	72	72	580
87.06	82.39	24	24	72	71	580
82.31	81.87	24	24	72	71	580
74.51	76.55	24	24	71	71	579
76.25	77.02	24	23	71	71	579
91.09	81.53	24	23	72	71	581
103.98	103.43	24	24	72	72	585
116.59	113.45	24	24	71	71	582
128.00	132.52	24	24	71	71	581

137.02	132.51	24	24	68	67	557
135.64	141.30	24	24	66	67	546
126.88	119.50	24	24	66	68	549
105.16	105.96	24	24	66	67	548
95.48	92.25	24	24	65	67	547
87.84	89.57	24	24	65	68	548
77.78	79.98	24	24	65	68	548
85.24	80.48	24	24	66	68	549
84.47	87.98	24	24	65	68	547
95.39	95.01	24	24	65	67	541
121.83	120.16	24	24	66	69	552
121.34	124.42	24	24	65	68	546
138.44	139.45	23	24	66	69	550
131.52	135.84	23	24	65	69	545
116.76	112.34	23	23	65	68	538
	105.38		24		69	
	89.51		24		69	
	81.22		24		69	
	75.96		24		68	
	79.05		24		68	
	83.40		24		69	
	99.84		24		70	
	122.59		24		71	
	140.84		24		75	
	157.60		25		78	
	151.22		25		81	
	133.08		25		84	
	105.65		25		84	
	89.52		25		84	
	81.23		25		84	
	75.96		26		84	
	79.05		26		85	
	83.40		26		85	
	99.84		26		85	

CHFUPC2	Actual CNFUPC	CNFUPC2
628	1,252	1,256
632	1,260	1,259
652	1,282	1,276
649	1,286	1,281
649	1,290	1,285
643	1,288	1,284
648	1,291	1,291
649	1,292	1,292
649	1,293	1,294
644	1,289	1,290
652	1,289	1,295
638	1,280	1,282
622	1,264	1,271
603	1,245	1,254
572	1,210	1,227
547	1,185	1,200
551	1,179	1,195
560	1,180	1,194
557	1,175	1,188
558	1,168	1,187
557	1,165	1,181
558	1,160	1,178
555	1,154	1,171
560	1,155	1,169
585	1,172	1,184
581	1,171	1,181
573	1,170	1,178
598	1,191	1,199
588	1,198	1,196
594	1,213	1,212
596	1,226	1,221
597	1,241	1,232
598	1,257	1,245
598	1,270	1,257
582	1,280	1,260
588	1,297	1,281
600	1,319	1,300
614	1,347	1,321
612	1,355	1,334
598	1,355	1,334
611	1,367	1,350
594	1,366	1,343

593	1,366	1,350
592	1,366	1,348
591	1,364	1,348
593	1,366	1,349
615	1,377	1,364
624	1,382	1,366
607	1,365	1,355
610	1,356	1,351
623	1,366	1,353
625	1,365	1,354
618	1,356	1,347
633	1,359	1,352
633	1,356	1,347
634	1,354	1,346
634	1,354	1,345
634	1,350	1,344
623	1,343	1,333
624	1,337	1,333
627	1,338	1,330
610	1,327	1,318
606	1,317	1,316
592	1,293	1,301
598	1,274	1,293
596	1,251	1,273
595	1,235	1,254
595	1,223	1,241
594	1,212	1,230
592	1,207	1,222
596	1,201	1,220
574	1,187	1,198
568	1,171	1,193
575	1,163	1,189
580	1,159	1,180
583	1,163	1,176
574	1,169	1,172
569	1,176	1,179
568	1,184	1,187
569	1,192	1,195
570	1,198	1,200
567	1,203	1,202
555	1,200	1,201
564	1,205	1,212
558	1,209	1,208
572	1,223	1,224
566	1,225	1,224
566	1,227	1,229
568	1,227	1,230
565	1,233	1,228
567	1,238	1,235
565	1,237	1,237
565	1,234	1,237
570	1,241	1,238
579	1,253	1,248
569	1,258	1,246
570	1,263	1,255

542	1,252	1,238
541	1,248	1,244
545	1,258	1,244
541	1,264	1,248
544	1,273	1,258
548	1,278	1,266
549	1,282	1,269
551	1,291	1,272
549	1,284	1,279
544	1,275	1,271
559	1,281	1,277
551	1,274	1,269
562	1,275	1,276
561	1,271	1,271
553	1,261	1,263
560		1,263
563		1,260
561		1,252
561		1,248
561		1,246
563		1,242
573		1,247
579		1,249
608		1,265
635		1,284
657		1,299
681		1,320
681		1,320
681		1,320
681		1,320
681		1,320
681		1,320
681		1,320
681		1,320

	Monthly		Rolling 12-Month Sum		
Month	Actual Company Use	CompanyUse2	Actual Company Use	CompanyUse2	
1/1/2014	4078	5301			2013/2014
2/1/2014	4720	4380			2013/2014
3/1/2014	3578	4428			2013/2014
4/1/2014	2377	2023			2013/2014
5/1/2014	896	913			2013/2014
6/1/2014	505	107			2013/2014
7/1/2014	233	90			2013/2014
8/1/2014	3492	81			2013/2014
9/1/2014	269	1322			2013/2014
10/1/2014	509	1346			2013/2014
11/1/2014	1544	2970			2014/2015
12/1/2014	2775	3609	24,975	26,571	2014/2015
1/1/2015	5403	5232	26,300	26,502	2014/2015
2/1/2015	8594	5656	30,174	27,778	2014/2015
3/1/2015	2517	4925	29,113	28,275	2014/2015
4/1/2015	1632	1743	28,368	27,995	2014/2015
5/1/2015	622	386	28,094	27,468	2014/2015
6/1/2015	325	326	27,914	27,687	2014/2015
7/1/2015	261	10	27,942	27,607	2014/2015
8/1/2015	181	58	24,631	27,584	2014/2015
9/1/2015	195	274	24,557	26,535	2014/2015
10/1/2015	216	1768	24,264	26,957	2014/2015
11/1/2015	319	2097	23,039	26,084	2015/2016
12/1/2015	1863	2629	22,127	25,103	2015/2016
1/1/2016	3976	4244	20,699	24,115	2015/2016
2/1/2016	4266	3856	16,372	22,315	2015/2016
3/1/2016	2306	3028	16,160	20,419	2015/2016
4/1/2016	1744	2099	16,272	20,775	2015/2016
5/1/2016	822	771	16,472	21,160	2015/2016
6/1/2016	587	117	16,733	20,951	2015/2016
7/1/2016	517	135	16,990	21,076	2015/2016
8/1/2016	375	109	17,184	21,127	2015/2016
9/1/2016	416	383	17,406	21,236	2015/2016
10/1/2016	843	1668	18,033	21,136	2015/2016
11/1/2016	1926	2551	19,640	21,590	2016/2017
12/1/2016	4921	4199	22,697	23,161	2016/2017
1/1/2017	3573	4391	22,294	23,308	2016/2017
2/1/2017	4177	3413	22,205	22,865	2016/2017
3/1/2017	5523	4410	25,422	24,247	2016/2017
4/1/2017	3161	2008	26,840	24,155	2016/2017
5/1/2017	1476	1509	27,493	24,894	2016/2017
6/1/2017	887	269	27,794	25,046	2016/2017
7/1/2017	579	219	27,855	25,130	2016/2017
8/1/2017	423	164	27,903	25,185	2016/2017
9/1/2017	502	350	27,989	25,152	2016/2017
10/1/2017	786	904	27,932	24,389	2016/2017
11/1/2017	2179	3002	28,185	24,840	2017/2018
12/1/2017	4412	4839	27,676	25,479	2017/2018
1/1/2018	9787	4819	33,891	25,907	2017/2018
2/1/2018	5969	4548	35,683	27,043	2017/2018
3/1/2018	4674	4124	34,833	26,757	2017/2018
4/1/2018	3783	2669	35,456	27,418	2017/2018
5/1/2018	1366	663	35,346	26,571	2017/2018

6/1/2018	603	374	35,062	26,676	2017/2018
7/1/2018	384	102	34,867	26,559	2017/2018
8/1/2018	320	86	34,763	26,481	2017/2018
9/1/2018	418	432	34,679	26,563	2017/2018
10/1/2018	818	1962	34,712	27,620	2017/2018
11/1/2018	2535	3185	35,068	27,803	2018/2019
12/1/2018	4366	3948	35,022	26,912	2018/2019
1/1/2019	5762	5104	30,997	27,197	2018/2019
2/1/2019	5307	4314	30,336	26,962	2018/2019
3/1/2019	5201	3910	30,864	26,748	2018/2019
4/1/2019	2171	2358	29,251	26,437	2018/2019
5/1/2019	1297	1088	29,182	26,863	2018/2019
6/1/2019	689	182	29,269	26,671	2018/2019
7/1/2019	424	126	29,309	26,695	2018/2019
8/1/2019	406	112	29,395	26,720	2018/2019
9/1/2019	438	444	29,414	26,732	2018/2019
10/1/2019	790	1414	29,385	26,184	2018/2019
11/1/2019	2105	3327	28,956	26,327	2019/2020
12/1/2019	3930	4009	28,519	26,388	2019/2020
1/1/2020	3962	4109	26,719	25,394	2019/2020
2/1/2020	3961	3890	25,373	24,970	2019/2020
3/1/2020	2883	2968	23,055	24,027	2019/2020
4/1/2020	2135	2307	23,018	23,976	2019/2020
5/1/2020	1501	927	23,222	23,815	2019/2020
6/1/2020	562	205	23,095	23,839	2019/2020
7/1/2020	562	107	23,232	23,819	2019/2020
8/1/2020	385	147	23,212	23,854	2019/2020
9/1/2020	337	413	23,111	23,824	2019/2020
10/1/2020	420	1614	22,741	24,024	2019/2020
11/1/2020	1741	2139	22,377	22,836	2020/2021
12/1/2020	3002	3891	21,450	22,717	2020/2021
1/1/2021	4066	4343	21,553	22,951	2020/2021
2/1/2021	5644	4065	23,236	23,126	2020/2021
3/1/2021	3833	3448	24,187	23,607	2020/2021
4/1/2021	1888	2039	23,940	23,339	2020/2021
5/1/2021	1004	743	23,443	23,155	2020/2021
6/1/2021	594	92	23,476	23,041	2020/2021
7/1/2021	428	204	23,342	23,138	2020/2021
8/1/2021	368	79	23,325	23,070	2020/2021
9/1/2021	418	218	23,406	22,875	2020/2021
10/1/2021	542	1050	23,528	22,311	2020/2021
11/1/2021	1592	2741	23,379	22,913	2021/2022
12/1/2021	2783	3457	23,160	22,479	2021/2022
1/1/2022	5481	5079	24,575	23,214	2021/2022
2/1/2022	4957	3902	23,888	23,052	2021/2022
3/1/2022	3945	3390	24,000	22,994	2021/2022
4/1/2022	2547	2157	24,659	23,111	2021/2022
5/1/2022	976	738	24,632	23,107	2021/2022
6/1/2022	452	230	24,490	23,244	2021/2022
7/1/2022	356	68	24,418	23,109	2021/2022
8/1/2022	283	80	24,332	23,110	2021/2022
9/1/2022	0	534	23,915	23,427	2021/2022
10/1/2022	542	1388	23,915	23,765	2021/2022
11/1/2022	1772	2214	24,095	23,238	2022/2023
12/1/2022	2173	3709	23,485	23,490	2022/2023

1/1/2023	2884	3515	20,888	21,926	2022/2023
2/1/2023	4900	3617	20,830	21,641	2022/2023
3/1/2023	2811	3594	19,696	21,844	2022/2023
4/1/2023	1613	1650	18,762	21,337	2022/2023
5/1/2023	948	742	18,734	21,341	2022/2023
6/1/2023	480	362	18,762	21,473	2022/2023
7/1/2023	197	35	18,603	21,440	2022/2023
8/1/2023	198	52	18,518	21,412	2022/2023
9/1/2023	607	378	19,125	21,256	2022/2023
10/1/2023	530	1170	19,112	21,038	2022/2023
11/1/2023	1782	2989	19,123	21,814	2023/2024
12/1/2023	8450	3105	25,399	21,210	2023/2024
1/1/2024	3780	5542	26,295	23,237	2023/2024
2/1/2024	3444	3604	24,839	23,224	2023/2024
3/1/2024	1738	2912	23,766	22,543	2023/2024
4/1/2024		**1,816**		22,709	2023/2024
5/1/2024		**872**		22,839	2023/2024
6/1/2024		**188**		22,666	2023/2024
7/1/2024		**16**		22,647	2023/2024
8/1/2024		**29**		22,623	2023/2024
9/1/2024		**402**		22,647	2023/2024
10/1/2024		**1,610**		23,087	2023/2024
11/1/2024		**3,435**		23,532	2024/2025
12/1/2024		**4,890**		25,317	2024/2025
1/1/2025		**5,786**		25,561	2024/2025
2/1/2025		**4,845**		26,802	2024/2025
3/1/2025		**4,223**		28,112	2024/2025
4/1/2025		**2,095**		28,391	2024/2025
5/1/2025		**935**		28,454	2024/2025
6/1/2025		**203**		28,468	2024/2025
7/1/2025		**19**		28,471	2024/2025
8/1/2025		**29**		28,472	2024/2025
9/1/2025		**402**		28,472	2024/2025
10/1/2025		**1,610**		28,472	2024/2025

Normalized	11/1/2023	2,098
Normalized	12/1/2023	9,934
Normalized	1/1/2024	5,157
Normalized	2/1/2024	4,544
Normalized	3/1/2024	2,980
Forecast	4/1/2024	1,816
Forecast	5/1/2024	872
Forecast	6/1/2024	188
Forecast	7/1/2024	16
Forecast	8/1/2024	29
Forecast	9/1/2024	402
Forecast	10/1/2024	1,610
	2023/2024	29,646

4.23%

							Monthly
Month	Actual RNH	Actual RH	Actual CHF	Actual CNF	Actual CHZ	Actual CNZ	Actual G54Z
1/1/2014	15,869	1,112,523	1,159,746	246,884	45,921	41,040	108,414
2/1/2014	14,143	996,391	1,030,112	226,958	40,801	36,385	92,909
3/1/2014	13,961	919,207	946,601	231,678	40,397	36,669	111,124
4/1/2014	9,167	485,459	499,020	169,820	26,309	29,755	118,406
5/1/2014	6,330	242,849	251,903	141,783	14,611	24,780	142,475
6/1/2014	4,534	137,260	135,722	123,097	8,119	23,756	145,096
7/1/2014	3,848	113,924	111,547	120,043	7,778	22,431	148,745
8/1/2014	3,828	115,642	123,360	121,889	7,670	23,531	153,350
9/1/2014	3,703	147,415	153,158	130,144	9,336	32,489	152,979
10/1/2014	4,758	295,452	301,518	153,373	18,978	32,948	160,580
11/1/2014	6,526	624,906	638,004	183,540	30,422	43,679	144,365
12/1/2014	8,125	880,442	905,687	214,043	36,195	49,193	99,839
1/1/2015	9,747	1,167,418	1,248,838	256,840	51,902	60,702	85,067
2/1/2015	9,301	1,135,285	1,223,351	256,021	47,272	58,540	69,252
3/1/2015	8,753	937,661	989,845	232,885	40,956	52,149	95,251
4/1/2015	6,270	484,119	506,632	172,578	26,614	38,885	93,901
5/1/2015	4,469	207,692	209,424	135,122	12,330	32,406	131,909
6/1/2015	3,543	136,385	139,587	124,907	7,410	31,674	152,570
7/1/2015	3,108	115,608	120,450	119,049	7,117	29,166	156,900
8/1/2015	2,900	108,249	112,293	119,398	6,627	31,294	159,032
9/1/2015	3,092	132,263	138,068	120,347	11,483	29,496	144,441
10/1/2015	4,696	309,948	337,747	151,271	20,723	36,086	171,014
11/1/2015	5,891	510,822	537,091	164,753	27,765	37,479	152,156
12/1/2015	7,257	702,143	745,992	182,097	31,131	40,649	125,384
1/1/2016	8,936	947,999	1,016,553	221,211	40,697	50,076	107,697
2/1/2016	8,270	874,962	936,209	206,291	48,489	41,784	71,609
3/1/2016	7,413	685,313	716,204	187,481	44,402	38,779	73,202
4/1/2016	6,035	465,472	484,151	159,042	38,444	34,558	109,247
5/1/2016	4,569	243,188	255,604	133,201	26,782	30,586	119,490
6/1/2016	3,349	131,255	129,303	114,878	17,775	27,493	123,201
7/1/2016	2,902	111,679	108,830	106,989	7,742	24,551	140,542
8/1/2016	2,766	106,106	105,940	111,819	6,761	26,788	159,134
9/1/2016	3,089	133,155	152,834	112,256	10,508	26,083	149,453
10/1/2016	4,660	307,787	346,365	139,281	28,161	30,565	139,892
11/1/2016	6,576	589,774	615,537	165,867	36,461	34,368	130,000
12/1/2016	9,228	935,368	994,883	209,011	47,606	42,702	115,112
1/1/2017	9,534	982,052	1,049,195	218,013	47,617	43,652	102,641
2/1/2017	7,447	835,839	894,441	197,467	38,830	38,642	93,645
3/1/2017	7,403	868,498	926,922	219,124	45,227	43,870	107,093
4/1/2017	5,671	463,390	486,666	168,186	26,544	32,109	118,401
5/1/2017	4,783	264,276	262,289	156,088	19,425	31,005	156,676
6/1/2017	3,696	148,897	126,226	134,438	11,012	26,775	150,314
7/1/2017	3,288	116,593	97,134	129,329	10,649	25,342	145,462
8/1/2017	3,270	117,280	100,141	135,159	12,356	27,766	176,640
9/1/2017	3,382	127,978	116,960	132,784	10,323	25,167	167,545
10/1/2017	4,210	235,497	233,804	153,349	20,234	29,259	168,854
11/1/2017	6,430	617,717	640,383	190,122	33,608	36,337	163,160
12/1/2017	9,230	1,094,645	1,165,073	244,268	51,805	45,793	119,494
1/1/2018	9,968	1,173,865	1,264,116	260,571	54,670	48,120	105,560
2/1/2018	7,800	821,761	879,623	208,302	41,163	37,754	90,572
3/1/2018	8,151	817,081	866,497	218,907	41,408	40,393	116,080

4/1/2018	6,580	552,080	576,612	189,538	33,965	36,416	117,720
5/1/2018	4,355	219,791	209,568	154,734	15,772	29,479	145,197
6/1/2018	3,526	132,664	117,162	136,171	9,200	25,754	148,689
7/1/2018	3,059	109,468	93,630	131,756	7,677	25,441	147,331
8/1/2018	3,021	106,454	94,791	137,324	8,543	26,277	153,491
9/1/2018	3,329	135,522	134,064	141,246	11,998	26,849	158,515
10/1/2018	4,978	388,114	402,271	177,995	27,387	33,876	175,154
11/1/2018	6,896	764,425	810,814	206,400	39,615	38,167	148,300
12/1/2018	8,215	969,017	1,034,370	225,768	45,508	44,720	115,610
1/1/2019	9,143	1,133,530	1,231,311	256,248	50,796	51,624	104,998
2/1/2019	8,148	998,028	1,086,801	229,958	45,331	43,847	100,748
3/1/2019	8,001	857,914	930,783	226,105	43,336	41,377	101,052
4/1/2019	6,078	476,823	504,702	181,362	31,947	31,798	116,590
5/1/2019	4,996	273,725	278,251	164,544	22,548	29,556	153,079
6/1/2019	3,782	143,100	127,805	137,711	13,129	25,796	159,561
7/1/2019	3,156	110,891	92,933	135,722	10,643	27,421	168,287
8/1/2019	3,145	109,910	97,325	141,563	9,274	27,516	163,856
9/1/2019	3,502	141,734	137,433	139,062	11,925	28,897	154,936
10/1/2019	4,761	326,773	333,576	171,162	21,726	31,316	160,571
11/1/2019	6,958	731,823	782,037	201,462	37,096	38,715	131,195
12/1/2019	8,541	958,052	1,042,060	231,363	47,832	42,750	101,780
1/1/2020	8,917	994,364	1,076,340	242,035	42,452	44,268	107,975
2/1/2020	8,167	889,971	965,725	227,213	39,243	40,156	97,874
3/1/2020	7,692	718,273	756,851	190,678	33,039	40,383	100,256
4/1/2020	6,657	527,650	533,505	153,170	27,090	33,176	121,798
5/1/2020	5,278	295,720	275,648	128,928	19,524	29,039	131,370
6/1/2020	3,675	136,132	108,248	114,161	8,187	24,319	132,252
7/1/2020	3,171	112,149	86,639	115,480	7,789	25,778	152,116
8/1/2020	3,187	112,204	92,433	123,185	7,589	24,503	159,572
9/1/2020	3,692	151,398	142,958	131,069	11,359	25,283	155,562
10/1/2020	5,153	329,237	349,979	161,235	22,064	29,497	147,725
11/1/2020	7,117	598,429	643,496	176,232	30,869	32,975	141,295
12/1/2020	9,257	906,532	990,627	203,692	41,522	38,049	103,481
1/1/2021	10,471	1,070,859	1,172,635	228,231	45,814	45,109	111,538
2/1/2021	9,771	995,156	1,102,740	212,268	42,270	40,008	89,248
3/1/2021	8,658	766,049	840,498	198,056	35,759	39,588	107,414
4/1/2021	6,269	435,086	469,823	163,081	24,881	32,054	129,997
5/1/2021	4,766	240,645	235,957	139,711	15,842	28,613	144,333
6/1/2021	3,494	135,637	116,949	127,497	8,151	26,677	146,149
7/1/2021	3,283	116,940	103,355	129,664	8,331	26,140	147,502
8/1/2021	3,124	111,102	98,612	135,476	8,108	25,038	161,894
9/1/2021	3,294	122,808	123,417	138,275	10,179	26,410	160,295
10/1/2021	4,748	266,139	282,788	157,866	17,366	29,373	133,268
11/1/2021	7,442	610,010	663,851	184,530	30,810	36,187	136,413
12/1/2021	9,875	894,699	990,550	210,236	38,895	39,964	114,285
1/1/2022	11,979	1,174,082	1,330,822	252,351	49,474	46,272	100,621
2/1/2022	10,018	958,408	1,084,796	214,682	39,270	40,787	89,079
3/1/2022	8,897	758,447	854,733	201,109	35,705	40,403	108,868
4/1/2022	6,476	459,607	512,960	162,538	25,880	33,744	128,690
5/1/2022	4,616	231,944	241,419	148,851	16,311	28,278	119,855
6/1/2022	3,414	125,636	116,875	136,150	7,945	27,108	112,531
7/1/2022	2,930	106,374	93,056	127,398	6,851	26,713	119,380
8/1/2022	2,742	100,388	92,985	130,092	6,936	26,085	140,950
9/1/2022	3,407	145,001	153,711	150,300	8,695	18,030	118,295
10/1/2022	4,945	278,958	328,320	177,101	15,058	20,462	134,390

11/1/2022	7,221	546,034	626,342	192,603	20,911	22,899	110,077
12/1/2022	10,531	863,816	981,302	218,485	29,185	26,383	78,842
1/1/2023	11,036	931,347	1,061,887	234,431	30,396	26,175	114,047
2/1/2023	9,055	844,988	973,128	210,150	28,222	25,125	98,046
3/1/2023	8,458	755,352	887,412	217,834	27,350	26,124	99,642
4/1/2023	5,934	423,819	494,912	174,949	19,887	21,417	105,256
5/1/2023	4,390	221,807	236,688	163,761	12,830	20,575	131,213
6/1/2023	3,387	136,548	133,842	145,359	12,577	18,274	125,014
7/1/2023	2,637	102,631	93,752	133,254	6,420	17,225	116,731
8/1/2023	3,172	116,397	105,329	145,896	7,803	18,908	115,556
9/1/2023	3,104	127,274	129,059	140,118	7,007	17,897	101,695
10/1/2023	4,028	234,974	272,886	163,575	8,403	19,632	131,823
11/1/2023	7,558	657,222	750,121	202,455	22,108	22,652	125,668
12/1/2023	8,547	806,731	919,333	208,794	23,903	22,039	96,606
1/1/2024	9,787	968,735	1,115,674	238,434	31,954	27,099	103,308
2/1/2024	8,748	842,555	966,305	212,415	27,020	24,801	92,813
3/1/2024	8,060	711,965	807,887	201,473	24,199	23,256	94,084
4/1/2024							
5/1/2024							
6/1/2024							
7/1/2024							
8/1/2024							
9/1/2024							
10/1/2024							
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12/1/2024							
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2/1/2025							
3/1/2025							
4/1/2025							
5/1/2025							
6/1/2025							
7/1/2025							
8/1/2025							
9/1/2025							
10/1/2025							

RNH	RH	CHF	CNF	CHZ	CNZ	G54Z	Actual RNH	Actual RH
	1,116,599	1,201,016	242,221	47,879	45,436	101,689		
	945,232	1,024,707	223,948	41,985	37,794	92,012		
	913,189	971,436	226,248	39,935	38,000	102,532		
	486,967	483,587	175,784	25,503	30,783	120,018		
	252,462	231,620	146,452	17,282	26,874	141,290		
	102,381	80,195	120,347	10,330	26,080	142,800		
	101,559	65,624	119,125	8,680	26,079	147,942		
	101,085	90,445	125,495	8,931	25,235	157,410		
	161,304	157,095	130,266	12,747	26,274	146,481		
	329,361	333,197	154,663	17,546	32,839	159,472		
	651,258	670,178	185,117	32,256	38,616	142,080		
	855,339	865,858	208,098	37,141	47,614	111,354	94,794	6,071,470
5,551	1,130,589	1,231,411	257,653	48,247	54,002	98,172	88,671	6,126,364
9,080	1,137,798	1,207,463	247,476	51,929	53,472	79,869	83,829	6,265,258
8,123	891,150	960,171	231,054	38,713	51,617	90,239	78,621	6,283,712
6,439	471,833	487,237	177,843	26,309	42,140	112,028	75,723	6,282,372
4,896	179,521	174,326	141,378	13,857	32,110	128,566	73,862	6,247,215
3,995	162,804	129,423	127,826	11,432	30,543	137,761	72,871	6,246,341
3,713	108,000	75,974	118,707	6,605	29,569	152,843	72,131	6,248,024
3,258	84,691	95,593	125,754	7,535	26,717	162,693	71,203	6,240,631
3,022	115,794	109,335	121,735	8,879	29,138	150,407	70,592	6,225,479
4,434	392,540	415,961	157,971	23,246	28,641	155,573	70,531	6,239,976
5,890	532,141	550,549	161,609	26,400	39,574	148,625	69,896	6,125,892
7,029	685,864	711,454	185,375	32,633	40,612	116,445	69,027	5,947,593
8,771	965,632	1,060,797	223,680	42,443	45,433	113,035	68,215	5,728,175
8,169	868,003	968,722	201,983	46,244	42,929	93,127	67,184	5,467,852
7,298	701,417	720,975	188,822	41,226	41,151	92,338	65,844	5,215,504
6,201	494,742	530,404	165,982	34,782	31,096	100,691	65,610	5,196,857
4,595	277,007	266,442	138,117	21,126	30,039	137,812	65,710	5,232,353
3,496	128,346	106,039	116,336	16,627	30,255	131,725	65,516	5,227,222
3,214	86,566	83,276	114,007	13,485	27,187	137,477	65,310	5,223,294
3,024	59,756	91,732	114,197	6,700	25,280	154,491	65,176	5,221,150
3,053	111,572	121,182	115,202	8,548	26,730	151,265	65,173	5,222,042
4,398	343,445	394,907	144,739	23,708	26,481	159,131	65,137	5,219,881
6,247	568,148	612,628	157,318	31,476	35,039	132,286	65,822	5,298,833
8,671	947,027	989,924	208,390	46,155	39,089	105,028	67,794	5,532,058
9,131	936,351	1,034,582	217,982	44,682	47,757	108,141	68,392	5,566,110
7,889	819,047	879,811	195,300	40,238	39,694	91,078	67,570	5,526,987
8,249	943,451	1,005,219	216,391	42,636	39,330	105,168	67,559	5,710,172
5,086	411,262	434,902	159,894	26,331	35,500	120,005	67,195	5,708,090
4,790	347,087	332,587	161,353	22,692	28,437	143,456	67,409	5,729,178
3,451	135,290	121,952	130,145	13,411	30,094	152,734	67,757	5,746,820
3,399	127,516	94,810	130,528	9,044	27,808	152,865	68,143	5,751,735
3,297	93,022	107,623	134,050	9,267	26,795	157,577	68,647	5,762,909
3,412	76,837	119,147	132,653	12,900	27,175	161,196	68,940	5,757,733
4,384	234,008	243,241	148,051	15,887	26,505	169,304	68,490	5,685,442
6,928	600,169	672,707	188,265	35,955	33,912	148,370	68,344	5,713,386
9,582	1,080,150	1,142,497	237,523	48,506	40,777	123,365	68,346	5,872,663
9,584	1,081,419	1,209,206	250,881	51,367	50,489	110,594	68,780	6,064,475
7,276	812,722	883,093	213,669	41,112	43,146	92,709	69,133	6,050,398
7,962	816,296	875,066	214,412	40,574	39,631	103,506	69,882	5,998,980

6,424	566,683	582,400	187,028	31,407	33,555	125,014	70,790	6,087,670
4,549	166,192	159,764	150,953	15,922	30,628	143,213	70,363	6,043,185
3,617	126,923	109,688	142,374	12,284	28,076	146,655	70,193	6,026,952
3,474	127,987	83,324	130,137	8,223	26,226	152,360	69,964	6,019,826
3,267	90,834	101,336	136,260	8,264	28,030	159,179	69,715	6,009,001
3,247	137,784	142,498	139,182	11,143	27,179	149,213	69,662	6,016,545
4,785	445,850	475,155	179,535	25,166	27,366	165,276	70,429	6,169,162
7,103	756,357	790,215	201,689	38,004	38,428	152,949	70,895	6,315,870
8,602	930,162	986,587	228,573	44,946	42,406	116,435	69,879	6,190,242
9,754	1,110,389	1,245,023	255,408	52,538	49,554	109,810	69,055	6,149,907
8,021	931,977	1,029,085	225,437	44,098	45,659	93,793	69,402	6,326,175
8,036	824,615	908,294	223,986	40,728	43,474	110,487	69,252	6,367,008
6,083	469,006	511,708	181,278	30,139	33,541	118,037	68,750	6,291,751
4,872	326,045	318,711	164,265	22,818	28,301	143,709	69,391	6,345,684
3,660	140,168	115,554	138,395	13,231	28,934	151,837	69,646	6,356,121
3,533	107,858	88,875	133,035	10,084	26,126	158,803	69,743	6,357,544
3,282	117,446	108,950	140,334	9,314	27,985	170,688	69,867	6,360,999
3,327	142,196	143,130	141,776	11,371	28,041	154,380	70,040	6,367,210
4,519	339,102	366,114	164,365	20,287	29,486	162,227	69,822	6,305,869
7,074	737,638	801,692	205,779	37,067	36,351	143,300	69,885	6,273,267
8,301	980,234	1,036,822	224,789	43,973	42,890	104,876	70,211	6,262,302
8,702	962,233	1,081,943	236,536	45,804	47,795	99,556	69,985	6,123,135
8,333	917,717	1,044,442	222,832	40,861	38,473	92,404	70,004	6,015,078
7,198	728,262	772,092	206,946	33,242	41,910	105,550	69,694	5,875,438
6,526	563,208	585,116	171,466	28,406	33,351	114,004	70,274	5,926,265
5,059	306,991	302,304	131,434	18,021	28,688	142,883	70,555	5,948,260
3,870	129,625	109,158	109,650	12,594	28,893	136,244	70,449	5,941,291
3,518	121,716	83,612	113,201	8,229	26,369	140,348	70,464	5,942,549
3,383	74,595	103,115	123,645	8,402	26,806	158,736	70,506	5,944,843
3,422	139,118	132,818	127,987	10,121	25,504	149,432	70,696	5,954,508
4,810	388,062	418,941	162,166	21,621	25,989	160,521	71,088	5,956,973
6,315	559,430	589,399	171,870	28,470	34,461	134,768	71,246	5,823,579
9,022	933,621	985,123	217,971	43,253	38,231	109,595	71,962	5,772,059
9,647	1,047,976	1,173,453	229,889	45,190	44,084	100,299	73,516	5,848,554
8,978	976,235	1,068,601	212,128	42,144	41,490	94,744	75,121	5,953,740
8,514	759,464	815,919	195,449	33,866	41,220	101,742	76,086	6,001,515
6,723	463,260	499,910	166,617	25,583	33,244	119,420	75,698	5,908,951
4,839	277,472	254,827	145,466	16,621	28,784	149,308	75,187	5,853,876
3,657	103,015	94,116	123,026	9,936	28,633	145,627	75,005	5,853,381
3,398	122,785	101,996	128,133	8,449	27,198	150,455	75,117	5,858,173
3,484	99,259	106,702	133,188	8,107	27,703	158,763	75,053	5,857,071
3,429	104,260	104,528	133,649	9,825	26,255	153,292	74,656	5,828,482
4,627	257,310	293,395	159,964	17,400	27,853	137,771	74,250	5,765,383
7,032	643,568	691,479	191,546	32,027	35,009	144,599	74,575	5,776,964
9,012	882,602	924,076	211,790	38,326	40,807	109,201	75,193	5,765,131
11,610	1,190,116	1,338,725	255,668	50,363	45,732	108,361	76,701	5,868,354
9,248	917,017	1,012,861	211,413	39,623	41,067	90,669	76,948	5,831,605
8,828	766,260	829,228	202,704	34,673	41,726	103,389	77,187	5,824,003
6,718	501,794	523,841	168,372	26,595	34,454	121,756	77,394	5,848,524
4,716	212,870	224,960	140,173	15,748	30,416	115,975	77,244	5,839,824
3,647	131,641	111,971	135,437	11,908	28,602	118,080	77,165	5,829,823
3,312	82,501	84,803	131,020	7,317	27,664	117,760	76,812	5,819,257
3,091	100,234	103,580	131,753	7,617	27,951	129,004	76,430	5,808,543
3,189	146,634	164,455	134,621	11,284	18,170	127,426	76,543	5,830,735
4,919	331,516	385,832	176,490	13,952	20,329	128,164	76,740	5,843,555

6,866	549,938	592,053	188,038	19,897	25,858	115,458	76,519	5,779,579
9,474	874,107	938,489	226,873	31,902	28,770	80,286	77,176	5,748,696
10,618	896,633	1,020,148	226,450	31,179	27,009	108,396	76,232	5,505,962
9,497	900,633	1,001,591	220,989	30,790	23,479	80,036	75,269	5,392,542
8,481	792,622	870,637	202,628	26,133	24,684	100,697	74,830	5,389,448
6,141	436,660	478,252	175,755	19,654	19,750	109,056	74,288	5,353,660
4,573	266,884	265,319	157,648	12,861	17,841	129,425	74,062	5,343,523
3,304	159,068	155,972	148,507	8,728	19,941	131,982	74,036	5,354,435
3,118	116,335	95,133	136,829	7,893	18,324	132,270	73,743	5,350,692
2,954	78,630	119,990	137,814	5,410	17,699	135,165	74,172	5,366,700
3,365	126,441	154,440	145,602	8,186	18,503	121,044	73,869	5,348,973
4,580	279,216	326,423	162,787	12,053	17,064	126,594	72,952	5,304,989
7,258	693,001	764,748	200,336	21,705	22,680	121,582	73,289	5,416,176
9,022	796,390	858,930	214,041	24,779	25,513	96,370	71,305	5,359,091
9,774	1,013,695	1,152,762	240,043	32,447	28,458	91,671	70,056	5,396,478
8,541	890,761	1,024,023	213,826	28,630	22,908	85,160	69,749	5,394,045
7,669	734,361	794,097	197,585	23,227	23,639	98,427	69,351	5,350,657
6,246	**512,088**	**552,618**	**175,614**	**22,003**	**16,562**	**106,568**		
4,730	**287,942**	**302,026**	**153,177**	**14,165**	**13,129**	**130,682**		
3,339	**143,695**	**131,226**	**134,342**	**9,960**	**13,916**	**132,190**		
3,292	**91,799**	**99,666**	**129,880**	**7,927**	**15,001**	**136,688**		
3,211	**78,270**	**124,583**	**135,137**	**7,700**	**16,138**	**146,588**		
3,140	**155,317**	**168,790**	**137,915**	**9,352**	**16,971**	**138,536**		
4,834	**395,940**	**436,785**	**170,645**	**16,131**	**17,313**	**147,257**		
7,280	**773,074**	**834,254**	**203,833**	**25,509**	**22,323**	**130,436**		
9,513	**1,126,782**	**1,201,927**	**242,545**	**35,542**	**26,191**	**99,329**		
10,713	**1,305,435**	**1,476,186**	**271,657**	**42,110**	**32,176**	**93,482**		
8,998	**1,092,511**	**1,224,451**	**238,410**	**35,860**	**27,440**	**80,044**		
8,570	**994,768**	**1,083,410**	**229,213**	**32,406**	**25,702**	**91,670**		
6,080	**535,351**	**557,344**	**175,851**	**21,368**	**18,895**	**105,491**		
4,647	**305,540**	**304,076**	**153,093**	**13,757**	**15,045**	**130,323**		
3,584	**143,899**	**132,277**	**134,339**	**9,125**	**14,773**	**132,208**		
3,470	**106,672**	**100,598**	**129,931**	**7,846**	**14,880**	**136,896**		
3,350	**98,953**	**125,694**	**135,227**	**7,717**	**15,663**	**146,883**		
3,455	**162,538**	**170,427**	**138,033**	**9,895**	**16,215**	**138,863**		
4,807	**405,789**	**440,503**	**170,804**	**17,628**	**16,366**	**147,587**		

Actual CHF	Actual CNF	Actual CHZ	Actual CNZ	Actual G54Z	Annual RNH	RH	CHF
6,256,377	2,063,252	286,536	396,656	1,578,283		6,016,737	6,174,959
6,345,469	2,073,208	292,516	416,317	1,554,937		6,030,727	6,205,354
6,538,707	2,102,272	298,987	438,472	1,531,280		6,223,293	6,388,109
6,581,952	2,103,479	299,546	453,952	1,515,407		6,201,254	6,376,843
6,589,564	2,106,236	299,852	463,082	1,490,902		6,186,120	6,380,493
6,547,085	2,099,576	297,571	470,708	1,480,336		6,113,179	6,323,199
6,550,951	2,101,386	296,863	478,626	1,487,810		6,173,602	6,372,426
6,559,854	2,100,392	296,202	485,361	1,495,964		6,180,043	6,382,776
6,548,788	2,097,901	295,160	493,124	1,501,646		6,163,649	6,387,924
6,533,698	2,088,105	297,307	490,131	1,493,108		6,118,138	6,340,163
6,569,927	2,086,002	299,052	493,269	1,503,542		6,181,318	6,422,928
6,469,014	2,067,216	296,394	487,069	1,511,333		6,062,202	6,303,299
6,309,319	2,035,270	291,331	478,525	1,536,878	65,429	5,892,727	6,148,896
6,077,035	1,999,641	280,126	467,900	1,559,507	68,649	5,727,770	5,978,282
5,789,893	1,949,911	281,344	451,143	1,561,863	67,738	5,457,975	5,739,541
5,516,251	1,904,507	284,789	437,773	1,539,814	66,913	5,268,242	5,500,346
5,493,770	1,890,971	296,619	433,446	1,555,160	66,675	5,291,151	5,543,513
5,539,950	1,889,049	311,071	431,626	1,542,741	66,374	5,388,637	5,635,629
5,529,666	1,879,020	321,436	427,445	1,513,371	65,876	5,354,178	5,612,245
5,518,046	1,866,960	322,061	422,831	1,497,014	65,377	5,332,744	5,619,548
5,511,693	1,859,380	322,195	418,325	1,497,116	65,142	5,307,809	5,615,687
5,526,459	1,851,290	321,220	414,911	1,502,127	65,173	5,303,587	5,627,534
5,535,076	1,839,300	328,658	409,391	1,471,005	65,138	5,254,491	5,606,480
5,613,523	1,840,414	337,354	406,280	1,448,849	65,494	5,290,498	5,668,559
5,862,413	1,867,329	353,829	408,332	1,438,577	67,137	5,551,660	5,947,029
5,895,055	1,864,131	360,749	401,908	1,433,521	67,498	5,522,379	5,920,814
5,853,287	1,855,307	351,089	398,767	1,455,558	67,218	5,473,422	5,831,903
6,064,006	1,886,950	351,914	403,857	1,489,449	68,168	5,715,456	6,116,147
6,066,520	1,896,094	340,014	401,409	1,498,603	67,053	5,631,976	6,020,646
6,073,205	1,918,981	332,657	401,827	1,535,789	67,248	5,702,057	6,086,790
6,070,127	1,938,541	325,893	401,109	1,562,903	67,203	5,709,001	6,102,703
6,058,431	1,960,881	328,800	401,900	1,567,823	67,388	5,749,951	6,114,237
6,052,632	1,984,221	334,395	402,878	1,585,329	67,661	5,783,217	6,130,129
6,016,758	2,004,749	334,209	401,962	1,603,421	68,020	5,748,482	6,128,094
5,904,197	2,018,816	326,283	400,656	1,632,383	68,005	5,639,045	5,976,428
5,929,043	2,043,071	323,430	402,626	1,665,543	68,686	5,671,066	6,036,507
6,099,233	2,078,328	327,630	405,717	1,669,925	69,597	5,804,189	6,189,079
6,314,153	2,120,886	334,683	410,185	1,672,844	70,049	5,949,257	6,363,703
6,299,335	2,131,721	337,016	409,297	1,669,772	69,436	5,942,933	6,366,985
6,238,910	2,131,504	333,197	405,820	1,678,759	69,150	5,815,778	6,236,831

6,328,856	2,152,855	340,618	410,127	1,678,077	70,488	5,971,198	6,384,329
6,276,135	2,151,502	336,965	408,601	1,666,598	70,246	5,790,303	6,211,506
6,267,071	2,153,234	335,154	407,580	1,664,973	70,412	5,781,937	6,199,242
6,263,567	2,155,661	332,181	407,679	1,666,842	70,488	5,782,407	6,187,755
6,258,217	2,157,826	328,369	406,190	1,643,693	70,458	5,780,218	6,181,468
6,275,321	2,166,288	330,045	407,871	1,634,663	70,294	5,841,166	6,204,819
6,443,788	2,190,935	337,197	412,488	1,640,963	70,695	6,053,008	6,436,733
6,614,219	2,207,213	343,205	414,318	1,626,103	70,871	6,209,196	6,554,241
6,483,516	2,188,712	336,907	413,245	1,622,219	69,891	6,059,209	6,398,331
6,450,712	2,184,389	333,033	416,750	1,621,657	70,061	6,088,178	6,434,148
6,657,890	2,206,045	337,202	422,843	1,631,833	70,806	6,207,434	6,580,140
6,722,175	2,213,244	339,129	423,827	1,616,805	70,880	6,215,752	6,613,369
6,650,266	2,205,068	337,110	419,209	1,615,675	70,539	6,118,076	6,542,676
6,718,949	2,214,878	343,886	419,286	1,623,558	70,862	6,277,928	6,701,624
6,729,592	2,216,418	347,816	419,328	1,634,430	70,906	6,291,174	6,707,490
6,728,896	2,220,384	350,781	421,308	1,655,386	70,965	6,271,045	6,713,041
6,731,430	2,224,622	351,512	422,547	1,665,751	70,979	6,297,657	6,720,656
6,734,800	2,222,439	351,438	424,595	1,662,173	71,059	6,302,070	6,721,287
6,666,105	2,215,606	345,777	422,035	1,647,590	70,793	6,195,322	6,612,246
6,637,328	2,210,668	343,258	422,584	1,630,485	70,764	6,176,603	6,623,723
6,645,019	2,216,264	345,583	420,614	1,616,655	70,462	6,226,675	6,673,959
6,490,047	2,202,050	337,239	413,257	1,619,632	69,410	6,078,519	6,510,878
6,368,971	2,199,304	331,151	409,566	1,616,758	69,721	6,064,259	6,526,236
6,195,040	2,163,877	320,855	408,572	1,615,962	68,883	5,967,907	6,390,033
6,223,842	2,135,685	315,998	409,951	1,621,171	69,326	6,062,109	6,463,441
6,221,240	2,100,070	312,974	409,434	1,599,461	69,513	6,043,055	6,447,034
6,201,683	2,076,520	308,032	407,956	1,572,152	69,722	6,032,511	6,440,638
6,195,389	2,056,278	305,178	406,313	1,555,980	69,708	6,046,369	6,435,374
6,190,496	2,037,899	303,493	403,300	1,551,695	69,809	6,003,518	6,429,540
6,196,021	2,029,906	302,927	399,687	1,552,321	69,904	6,000,440	6,419,228
6,212,425	2,019,979	303,265	397,867	1,539,475	70,195	6,049,400	6,472,055
6,073,883	1,994,749	297,037	392,126	1,549,575	69,436	5,871,192	6,259,762
6,022,450	1,967,078	290,727	387,425	1,551,275	70,157	5,824,579	6,208,063
6,118,744	1,953,273	294,089	388,267	1,554,838	71,103	5,910,322	6,299,573
6,255,760	1,938,328	297,116	388,118	1,546,211	71,748	5,968,840	6,323,731
6,339,406	1,945,706	299,836	387,323	1,553,370	73,064	6,000,041	6,367,558
6,275,725	1,955,616	297,627	386,200	1,561,568	73,261	5,900,093	6,282,352
6,236,033	1,966,399	293,945	385,774	1,574,531	73,041	5,870,574	6,234,876
6,244,734	1,979,735	293,909	388,132	1,588,428	72,828	5,843,965	6,219,834
6,261,449	1,993,920	294,451	388,494	1,583,814	72,707	5,845,033	6,238,218
6,267,629	2,006,211	294,970	389,030	1,586,136	72,808	5,869,697	6,241,804
6,248,087	2,013,417	293,790	390,156	1,590,869	72,815	5,834,839	6,213,514
6,180,896	2,010,047	289,092	390,032	1,576,412	72,632	5,704,087	6,087,969
6,201,252	2,018,344	289,034	393,244	1,571,531	73,348	5,788,226	6,190,048
6,201,176	2,024,889	286,406	395,159	1,582,335	73,338	5,737,206	6,129,001
6,359,363	2,049,009	290,066	396,322	1,571,418	75,302	5,879,346	6,294,273
6,341,419	2,051,424	287,066	397,102	1,571,249	75,572	5,820,127	6,238,534
6,355,654	2,054,477	287,013	397,917	1,572,702	75,886	5,826,924	6,251,843
6,398,791	2,053,935	288,011	399,607	1,571,396	75,881	5,865,458	6,275,774
6,404,253	2,063,075	288,480	399,273	1,546,918	75,758	5,800,856	6,245,907
6,404,179	2,071,728	288,274	399,704	1,513,299	75,748	5,829,482	6,263,762
6,393,880	2,069,461	286,795	400,277	1,485,177	75,662	5,789,198	6,246,569
6,388,253	2,064,077	285,623	401,324	1,464,233	75,270	5,790,174	6,243,447
6,418,546	2,076,102	284,139	392,944	1,422,233	75,029	5,832,548	6,303,375
6,464,078	2,095,337	281,831	384,034	1,423,354	75,321	5,906,754	6,395,811

6,426,569	2,103,411	271,932	370,746	1,397,019	75,155	5,813,123	6,296,386
6,417,321	2,111,659	262,222	357,165	1,361,576	75,617	5,804,628	6,310,799
6,148,385	2,093,740	243,144	337,068	1,375,001	74,625	5,511,145	5,992,221
6,036,718	2,089,208	232,096	321,406	1,383,969	74,874	5,494,761	5,980,951
6,069,397	2,105,932	223,741	307,127	1,374,743	74,528	5,521,123	6,022,360
6,051,349	2,118,343	217,748	294,799	1,351,309	73,950	5,455,989	5,976,771
6,046,618	2,133,254	214,266	287,096	1,362,667	73,807	5,510,003	6,017,129
6,063,585	2,142,462	218,898	278,262	1,375,150	73,464	5,537,430	6,061,131
6,064,281	2,148,318	218,466	268,774	1,372,501	73,270	5,571,264	6,071,461
6,076,626	2,164,122	219,333	261,597	1,347,108	73,133	5,549,659	6,087,871
6,051,974	2,153,940	217,645	261,464	1,330,508	73,309	5,529,467	6,077,855
5,996,540	2,140,415	210,990	260,633	1,327,941	72,971	5,477,167	6,018,446
6,120,319	2,150,267	212,187	260,386	1,343,532	73,364	5,620,230	6,191,141
6,058,350	2,140,576	206,905	256,042	1,361,297	72,911	5,542,513	6,111,582
6,112,137	2,144,579	208,463	256,966	1,350,558	72,067	5,659,575	6,244,197
6,105,314	2,146,844	207,261	256,642	1,345,325	71,111	5,649,702	6,266,628
6,025,789	2,130,483	204,110	253,774	1,339,767	70,299	5,591,441	6,190,088
					70,404	**5,666,869**	**6,264,455**
					70,561	**5,687,926**	**6,301,161**
					70,596	**5,672,554**	**6,276,415**
					70,770	**5,648,018**	**6,280,948**
					71,027	**5,647,658**	**6,285,541**
					70,803	**5,676,534**	**6,299,891**
					71,056	**5,793,258**	**6,410,253**
					71,078	**5,873,331**	**6,479,759**
					71,569	**6,203,724**	**6,822,756**
					72,508	**6,495,465**	**7,146,180**
					72,964	**6,697,214**	**7,346,609**
					73,865	**6,957,622**	**7,635,922**
					73,699	**6,980,884**	**7,640,648**
					73,616	**6,998,483**	**7,642,698**
					73,862	**6,998,687**	**7,643,749**
					74,039	**7,013,561**	**7,644,681**
					74,178	**7,034,243**	**7,645,792**
					74,493	**7,041,464**	**7,647,429**
					74,466	**7,051,313**	**7,651,147**

CNF	CHZ	CNZ	G54Z	Residential	C&I Incl. CE
				1,128,392	1,602,005
				1,010,534	1,427,165
				933,169	1,366,470
				494,627	843,310
				249,179	575,552
				141,793	435,790
				117,772	410,543
				119,471	429,800
				151,118	478,106
				300,210	667,396
				631,431	1,040,010
2,057,765	300,215	401,624	1,565,081	888,567	1,304,956
2,073,198	300,582	410,190	1,561,564	1,177,165	1,703,348
2,096,726	310,526	425,868	1,549,421	1,144,585	1,654,436
2,101,532	309,304	439,485	1,537,127	946,414	1,411,087
2,103,590	310,110	450,842	1,529,138	490,389	838,611
2,098,516	306,685	456,079	1,516,414	212,161	521,192
2,105,995	307,786	460,542	1,511,375	139,928	456,149
2,105,577	305,711	464,033	1,516,276	118,716	432,682
2,105,837	304,314	465,514	1,521,559	111,149	428,644
2,097,306	300,447	468,379	1,525,485	135,356	443,835
2,100,614	306,147	464,181	1,521,586	314,645	716,841
2,077,105	300,291	465,139	1,528,132	516,712	919,244
2,054,382	295,784	458,137	1,533,222	709,400	1,125,253
2,020,409	289,980	449,568	1,548,084	956,935	1,436,234
1,974,916	284,296	439,024	1,561,343	883,231	1,304,382
1,932,683	286,809	428,558	1,563,442	692,726	1,060,067
1,920,822	295,282	417,514	1,552,105	471,508	825,442
1,917,561	302,552	415,442	1,561,351	247,757	565,663
1,906,071	307,747	415,155	1,555,314	134,603	412,651
1,901,370	314,627	412,773	1,539,948	114,581	388,655
1,889,812	313,792	411,336	1,531,746	108,872	410,442
1,883,280	313,461	408,928	1,532,604	136,244	451,133
1,870,048	313,922	406,768	1,536,161	312,447	684,265
1,865,757	318,998	402,233	1,519,821	596,350	982,233
1,888,772	332,520	400,710	1,508,404	944,596	1,409,314
1,883,074	334,759	403,035	1,503,510	991,586	1,461,118
1,876,391	328,753	399,800	1,501,461	843,286	1,263,025
1,903,960	330,163	397,979	1,514,291	875,901	1,342,235
1,897,873	321,711	402,384	1,533,605	469,061	831,906
1,921,109	323,277	400,782	1,539,249	269,059	625,482
1,934,918	320,062	400,620	1,560,259	152,594	448,765
1,951,439	315,621	401,240	1,575,648	119,882	407,917
1,971,293	318,188	402,756	1,578,733	120,550	452,062
1,988,743	322,540	403,201	1,588,664	131,361	452,779
1,992,054	314,720	403,225	1,598,837	239,707	605,500
2,023,001	319,200	402,097	1,614,921	624,148	1,063,609
2,052,134	321,550	403,785	1,633,258	1,103,875	1,626,434
2,085,033	328,235	406,516	1,635,711	1,183,833	1,733,037
2,103,401	329,109	409,968	1,637,342	829,561	1,257,414
2,101,423	327,047	410,270	1,635,680	825,232	1,283,285

2,128,556	332,124	408,324	1,640,690	558,660	954,251
2,118,156	325,353	410,515	1,640,447	224,146	554,750
2,130,386	324,226	408,497	1,634,367	136,191	436,975
2,129,994	323,405	406,915	1,633,862	112,527	405,835
2,132,204	322,401	408,150	1,635,464	109,476	420,426
2,138,734	320,644	408,153	1,623,481	138,851	472,672
2,170,218	329,922	409,014	1,619,454	393,092	816,683
2,183,642	331,971	413,530	1,624,033	771,321	1,243,296
2,174,693	328,412	415,160	1,617,104	977,232	1,465,975
2,179,220	329,583	414,225	1,616,320	1,142,674	1,694,978
2,190,988	332,569	416,738	1,617,403	1,006,176	1,506,686
2,200,562	332,722	420,581	1,624,384	865,915	1,342,653
2,194,812	331,454	420,568	1,617,407	482,900	866,399
2,208,124	338,351	418,241	1,617,903	278,721	647,978
2,204,144	339,297	419,099	1,623,085	146,882	464,002
2,207,043	341,159	418,998	1,629,528	114,047	435,006
2,211,117	342,209	418,954	1,641,037	113,055	439,534
2,213,711	342,437	419,815	1,646,205	145,235	472,254
2,198,540	337,559	421,935	1,643,155	331,533	718,352
2,202,630	336,622	419,858	1,633,506	738,781	1,190,506
2,198,846	335,649	420,342	1,621,947	966,594	1,465,786
2,179,973	328,914	418,583	1,611,693	1,003,281	1,513,071
2,177,368	325,678	411,396	1,610,303	898,137	1,370,210
2,160,329	318,191	409,832	1,605,366	725,965	1,121,208
2,150,517	316,458	409,641	1,601,334	534,307	868,739
2,117,687	311,662	410,028	1,600,509	300,997	584,510
2,088,942	311,025	409,987	1,584,916	139,807	387,167
2,069,108	309,170	410,230	1,566,460	115,320	387,801
2,052,419	308,257	409,051	1,554,508	115,391	407,281
2,038,630	307,008	406,515	1,549,560	155,090	466,232
2,036,431	308,341	403,018	1,547,853	334,390	710,500
2,002,523	299,744	401,128	1,539,321	605,546	1,024,866
1,995,705	299,024	396,468	1,544,040	915,789	1,377,370
1,989,058	298,410	392,758	1,544,784	1,081,331	1,603,327
1,978,354	299,693	395,775	1,547,124	1,004,928	1,486,533
1,966,857	300,317	395,086	1,543,315	774,706	1,221,314
1,962,008	297,494	394,979	1,548,730	441,355	819,835
1,976,040	296,093	395,075	1,555,155	245,411	564,456
1,989,416	293,435	394,815	1,564,537	139,131	425,423
2,004,347	293,655	395,644	1,574,645	120,223	414,992
2,013,890	293,360	396,541	1,574,672	114,226	429,128
2,019,553	293,063	397,292	1,578,533	126,103	458,575
2,017,351	288,843	399,156	1,555,783	270,887	620,661
2,037,027	292,400	399,704	1,565,615	617,452	1,051,791
2,030,845	287,473	402,280	1,565,220	904,574	1,393,930
2,056,624	292,646	403,927	1,573,281	1,186,061	1,779,540
2,055,909	290,125	403,504	1,569,207	968,425	1,468,614
2,063,164	290,932	404,010	1,570,854	767,344	1,240,819
2,064,919	291,944	405,221	1,573,190	466,083	863,811
2,059,626	291,071	406,853	1,539,857	236,560	554,714
2,072,037	293,042	406,822	1,512,310	129,050	400,609
2,074,924	291,911	407,288	1,479,614	109,303	373,398
2,073,490	291,421	407,537	1,449,856	103,131	397,047
2,074,462	292,880	399,452	1,423,989	148,408	449,031
2,090,988	289,432	391,927	1,414,382	283,903	675,331

2,087,480	277,302	382,776	1,385,241	553,255	972,832
2,102,563	270,878	370,739	1,356,327	874,347	1,334,197
2,073,345	251,694	352,016	1,356,362	942,383	1,466,936
2,082,921	242,861	334,428	1,345,729	854,043	1,334,672
2,082,845	234,321	317,386	1,343,037	763,810	1,258,362
2,090,228	227,381	302,682	1,330,337	429,754	816,420
2,107,703	224,494	290,107	1,343,787	226,197	565,067
2,120,773	221,315	281,446	1,357,689	139,935	435,066
2,126,581	221,891	272,106	1,372,199	105,267	367,382
2,132,642	219,684	261,854	1,378,360	119,569	393,492
2,143,623	216,586	262,186	1,371,978	130,378	395,776
2,129,920	214,686	258,922	1,370,408	239,002	596,320
2,142,218	216,494	255,744	1,376,532	664,780	1,123,005
2,129,387	209,371	252,487	1,392,615	815,278	1,270,675
2,142,980	210,639	253,935	1,375,891	978,521	1,516,468
2,135,817	208,479	253,364	1,381,015	851,303	1,323,354
2,130,774	205,573	252,320	1,378,745	720,024	1,150,900
2,130,632	**207,922**	**249,132**	**1,376,258**	**518,334**	**873,365**
2,126,162	**209,225**	**244,420**	**1,377,515**	**292,672**	**613,177**
2,111,996	**210,458**	**238,394**	**1,377,723**	**147,034**	**421,634**
2,105,048	**210,491**	**235,072**	**1,382,141**	**95,091**	**389,163**
2,102,371	**212,782**	**233,511**	**1,393,564**	**81,482**	**430,147**
2,094,684	**213,948**	**231,979**	**1,411,055**	**158,457**	**471,563**
2,102,542	**218,027**	**232,227**	**1,431,718**	**400,774**	**788,131**
2,106,038	**221,831**	**231,871**	**1,440,573**	**780,354**	**1,216,355**
2,134,542	**232,594**	**232,550**	**1,443,532**	**1,136,295**	**1,605,534**
2,166,156	**242,257**	**236,269**	**1,445,343**	**1,316,148**	**1,915,612**
2,190,739	**249,487**	**240,801**	**1,440,227**	**1,101,508**	**1,606,205**
2,222,367	**258,666**	**242,864**	**1,433,469**	**1,003,337**	**1,462,401**
2,222,604	**258,030**	**245,196**	**1,432,393**	**541,431**	**878,948**
2,222,521	**257,622**	**247,112**	**1,432,034**	**310,187**	**616,293**
2,222,518	**256,787**	**247,968**	**1,432,052**	**147,484**	**422,722**
2,222,569	**256,706**	**247,846**	**1,432,260**	**110,142**	**390,151**
2,222,659	**256,723**	**247,371**	**1,432,555**	**102,302**	**431,184**
2,222,777	**257,265**	**246,615**	**1,432,882**	**165,993**	**473,433**
2,222,936	**258,762**	**245,669**	**1,433,212**	**410,596**	**792,887**

2013/2014	2014
2013/2014	2014
2013/2014	2014
2013/2014	2014
2013/2014	2014
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2013/2014	2014
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2014/2015	2014
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2014/2015	2015
2014/2015	2015
2014/2015	2015
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Month	Actual RNH	Actual RH	Actual CHF	Actual CNF	Actual CHZ	Actual CNZ	Monthly Actual G54Z
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RNH	RH	CHF	CNF	CHZ	CNZ	G54Z

74	**6,095**	**2,744**	**872**	**109**	**82**	**529**	2024
56	**3,427**	**1,500**	**761**	**70**	**65**	**649**	2024
40	**1,710**	**652**	**667**	**49**	**69**	**656**	2024
39	**1,093**	**495**	**645**	**39**	**74**	**679**	2024
38	**932**	**619**	**671**	**38**	**80**	**728**	2024
37	**1,849**	**838**	**685**	**46**	**84**	**688**	2024
58	**4,712**	**2,169**	**847**	**80**	**86**	**731**	2024
81	**7,956**	**3,585**	**957**	**109**	**111**	**648**	2024
106	**11,750**	**5,220**	**1,131**	**153**	**130**	**493**	2024
106	**12,168**	**6,805**	**1,335**	**192**	**169**	**492**	2025
90	**10,391**	**5,755**	**1,186**	**165**	**144**	**421**	2025
86	**9,291**	**4,977**	**1,135**	**148**	**135**	**482**	2025
65	**5,729**	**2,931**	**925**	**112**	**99**	**555**	2025
50	**3,270**	**1,599**	**805**	**72**	**79**	**685**	2025
38	**1,540**	**696**	**707**	**48**	**78**	**695**	2025
37	**1,142**	**529**	**683**	**41**	**78**	**720**	2025
36	**1,059**	**661**	**711**	**41**	**82**	**773**	2025
37	**1,740**	**896**	**726**	**52**	**85**	**730**	2025
51	**4,343**	**2,317**	**898**	**93**	**86**	**776**	2025

							Monthly
Month	Actual RNH	Actual RH	Actual CHF	Actual CNF	Actual CHZ	Actual CNZ	Actual G54Z
1/1/2014	15,869	1,112,523	1,159,746	246,884	45,921	41,040	108,414
2/1/2014	14,143	996,391	1,030,112	226,958	40,801	36,385	92,909
3/1/2014	13,961	919,207	946,601	231,678	40,397	36,669	111,124
4/1/2014	9,167	485,459	499,020	169,820	26,309	29,755	118,406
5/1/2014	6,330	242,849	251,903	141,783	14,611	24,780	142,475
6/1/2014	4,534	137,260	135,722	123,097	8,119	23,756	145,096
7/1/2014	3,848	113,924	111,547	120,043	7,778	22,431	148,745
8/1/2014	3,828	115,642	123,360	121,889	7,670	23,531	153,350
9/1/2014	3,703	147,415	153,158	130,144	9,336	32,489	152,979
10/1/2014	4,758	295,452	301,518	153,373	18,978	32,948	160,580
11/1/2014	6,526	624,906	638,004	183,540	30,422	43,679	144,365
12/1/2014	8,125	880,442	905,687	214,043	36,195	49,193	99,839
1/1/2015	9,747	1,167,418	1,248,838	256,840	51,902	60,702	85,067
2/1/2015	9,301	1,135,285	1,223,351	256,021	47,272	58,540	69,252
3/1/2015	8,753	937,661	989,845	232,885	40,956	52,149	95,251
4/1/2015	6,270	484,119	506,632	172,578	26,614	38,885	93,901
5/1/2015	4,469	207,692	209,424	135,122	12,330	32,406	131,909
6/1/2015	3,543	136,385	139,587	124,907	7,410	31,674	152,570
7/1/2015	3,108	115,608	120,450	119,049	7,117	29,166	156,900
8/1/2015	2,900	108,249	112,293	119,398	6,627	31,294	159,032
9/1/2015	3,092	132,263	138,068	120,347	11,483	29,496	144,441
10/1/2015	4,696	309,948	337,747	151,271	20,723	36,086	171,014
11/1/2015	5,891	510,822	537,091	164,753	27,765	37,479	152,156
12/1/2015	7,257	702,143	745,992	182,097	31,131	40,649	125,384
1/1/2016	8,936	947,999	1,016,553	221,211	40,697	50,076	107,697
2/1/2016	8,270	874,962	936,209	206,291	48,489	41,784	71,609
3/1/2016	7,413	685,313	716,204	187,481	44,402	38,779	73,202
4/1/2016	6,035	465,472	484,151	159,042	38,444	34,558	109,247
5/1/2016	4,569	243,188	255,604	133,201	26,782	30,586	119,490
6/1/2016	3,349	131,255	129,303	114,878	17,775	27,493	123,201
7/1/2016	2,902	111,679	108,830	106,989	7,742	24,551	140,542
8/1/2016	2,766	106,106	105,940	111,819	6,761	26,788	159,134
9/1/2016	3,089	133,155	152,834	112,256	10,508	26,083	149,453
10/1/2016	4,660	307,787	346,365	139,281	28,161	30,565	139,892
11/1/2016	6,576	589,774	615,537	165,867	36,461	34,368	130,000
12/1/2016	9,228	935,368	994,883	209,011	47,606	42,702	115,112
1/1/2017	9,534	982,052	1,049,195	218,013	47,617	43,652	102,641
2/1/2017	7,447	835,839	894,441	197,467	38,830	38,642	93,645
3/1/2017	7,403	868,498	926,922	219,124	45,227	43,870	107,093
4/1/2017	5,671	463,390	486,666	168,186	26,544	32,109	118,401
5/1/2017	4,783	264,276	262,289	156,088	19,425	31,005	156,676
6/1/2017	3,696	148,897	126,226	134,438	11,012	26,775	150,314
7/1/2017	3,288	116,593	97,134	129,329	10,649	25,342	145,462
8/1/2017	3,270	117,280	100,141	135,159	12,356	27,766	176,640
9/1/2017	3,382	127,978	116,960	132,784	10,323	25,167	167,545
10/1/2017	4,210	235,497	233,804	153,349	20,234	29,259	168,854
11/1/2017	6,430	617,717	640,383	190,122	33,608	36,337	163,160
12/1/2017	9,230	1,094,645	1,165,073	244,268	51,805	45,793	119,494
1/1/2018	9,968	1,173,865	1,264,116	260,571	54,670	48,120	105,560
2/1/2018	7,800	821,761	879,623	208,302	41,163	37,754	90,572
3/1/2018	8,151	817,081	866,497	218,907	41,408	40,393	116,080

4/1/2018	6,580	552,080	576,612	189,538	33,965	36,416	117,720
5/1/2018	4,355	219,791	209,568	154,734	15,772	29,479	145,197
6/1/2018	3,526	132,664	117,162	136,171	9,200	25,754	148,689
7/1/2018	3,059	109,468	93,630	131,756	7,677	25,441	147,331
8/1/2018	3,021	106,454	94,791	137,324	8,543	26,277	153,491
9/1/2018	3,329	135,522	134,064	141,246	11,998	26,849	158,515
10/1/2018	4,978	388,114	402,271	177,995	27,387	33,876	175,154
11/1/2018	6,896	764,425	810,814	206,400	39,615	38,167	148,300
12/1/2018	8,215	969,017	1,034,370	225,768	45,508	44,720	115,610
1/1/2019	9,143	1,133,530	1,231,311	256,248	50,796	51,624	104,998
2/1/2019	8,148	998,028	1,086,801	229,958	45,331	43,847	100,748
3/1/2019	8,001	857,914	930,783	226,105	43,336	41,377	101,052
4/1/2019	6,078	476,823	504,702	181,362	31,947	31,798	116,590
5/1/2019	4,996	273,725	278,251	164,544	22,548	29,556	153,079
6/1/2019	3,782	143,100	127,805	137,711	13,129	25,796	159,561
7/1/2019	3,156	110,891	92,933	135,722	10,643	27,421	168,287
8/1/2019	3,145	109,910	97,325	141,563	9,274	27,516	163,856
9/1/2019	3,502	141,734	137,433	139,062	11,925	28,897	154,936
10/1/2019	4,761	326,773	333,576	171,162	21,726	31,316	160,571
11/1/2019	6,958	731,823	782,037	201,462	37,096	38,715	131,195
12/1/2019	8,541	958,052	1,042,060	231,363	47,832	42,750	101,780
1/1/2020	8,917	994,364	1,076,340	242,035	42,452	44,268	107,975
2/1/2020	8,167	889,971	965,725	227,213	39,243	40,156	97,874
3/1/2020	7,692	718,273	756,851	190,678	33,039	40,383	100,256
4/1/2020	6,657	527,650	533,505	153,170	27,090	33,176	121,798
5/1/2020	5,278	295,720	275,648	128,928	19,524	29,039	131,370
6/1/2020	3,675	136,132	108,248	114,161	8,187	24,319	132,252
7/1/2020	3,171	112,149	86,639	115,480	7,789	25,778	152,116
8/1/2020	3,187	112,204	92,433	123,185	7,589	24,503	159,572
9/1/2020	3,692	151,398	142,958	131,069	11,359	25,283	155,562
10/1/2020	5,153	329,237	349,979	161,235	22,064	29,497	147,725
11/1/2020	7,117	598,429	643,496	176,232	30,869	32,975	141,295
12/1/2020	9,257	906,532	990,627	203,692	41,522	38,049	103,481
1/1/2021	10,471	1,070,859	1,172,635	228,231	45,814	45,109	111,538
2/1/2021	9,771	995,156	1,102,740	212,268	42,270	40,008	89,248
3/1/2021	8,658	766,049	840,498	198,056	35,759	39,588	107,414
4/1/2021	6,269	435,086	469,823	163,081	24,881	32,054	129,997
5/1/2021	4,766	240,645	235,957	139,711	15,842	28,613	144,333
6/1/2021	3,494	135,637	116,949	127,497	8,151	26,677	146,149
7/1/2021	3,283	116,940	103,355	129,664	8,331	26,140	147,502
8/1/2021	3,124	111,102	98,612	135,476	8,108	25,038	161,894
9/1/2021	3,294	122,808	123,417	138,275	10,179	26,410	160,295
10/1/2021	4,748	266,139	282,788	157,866	17,366	29,373	133,268
11/1/2021	7,442	610,010	663,851	184,530	30,810	36,187	136,413
12/1/2021	9,875	894,699	990,550	210,236	38,895	39,964	114,285
1/1/2022	11,979	1,174,082	1,330,822	252,351	49,474	46,272	100,621
2/1/2022	10,018	958,408	1,084,796	214,682	39,270	40,787	89,079
3/1/2022	8,897	758,447	854,733	201,109	35,705	40,403	108,868
4/1/2022	6,476	459,607	512,960	162,538	25,880	33,744	128,690
5/1/2022	4,616	231,944	241,419	148,851	16,311	28,278	119,855
6/1/2022	3,414	125,636	116,875	136,150	7,945	27,108	112,531
7/1/2022	2,930	106,374	93,056	127,398	6,851	26,713	119,380
8/1/2022	2,742	100,388	92,985	130,092	6,936	26,085	140,950
9/1/2022	3,407	145,001	153,711	150,300	8,695	18,030	118,295
10/1/2022	4,945	278,958	328,320	177,101	15,058	20,462	134,390

11/1/2022	7,221	546,034	626,342	192,603	20,911	22,899	110,077
12/1/2022	10,531	863,816	981,302	218,485	29,185	26,383	78,842
1/1/2023	11,036	931,347	1,061,887	234,431	30,396	26,175	114,047
2/1/2023	9,055	844,988	973,128	210,150	28,222	25,125	98,046
3/1/2023	8,458	755,352	887,412	217,834	27,350	26,124	99,642
4/1/2023	5,934	423,819	494,912	174,949	19,887	21,417	105,256
5/1/2023	4,390	221,807	236,688	163,761	12,830	20,575	131,213
6/1/2023	3,387	136,548	133,842	145,359	12,577	18,274	125,014
7/1/2023	2,637	102,631	93,752	133,254	6,420	17,225	116,731
8/1/2023	3,172	116,397	105,329	145,896	7,803	18,908	115,556
9/1/2023	3,104	127,274	129,059	140,118	7,007	17,897	101,695
10/1/2023	4,028	234,974	272,886	163,575	8,403	19,632	131,823
11/1/2023	7,558	657,222	750,121	202,455	22,108	22,652	125,668
12/1/2023	8,547	806,731	919,333	208,794	23,903	22,039	96,606
1/1/2024	9,787	968,735	1,115,674	238,434	31,954	27,099	103,308
2/1/2024	8,748	842,555	966,305	212,415	27,020	24,801	92,813
3/1/2024	8,060	711,965	807,887	201,473	24,199	23,256	94,084
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RNH	RH	CHF	CNF	CHZ	CNZ	G54Z	Actual RNH	Actual RH
	1,116,599	1,201,016	242,221	47,879	45,436	101,689		
	945,232	1,024,707	223,948	41,985	37,794	92,012		
	913,189	971,436	226,248	39,935	38,000	102,532		
	486,967	483,587	175,784	25,503	30,783	120,018		
	252,462	231,620	146,452	17,282	26,874	141,290		
	102,381	80,195	120,347	10,330	26,080	142,800		
	101,559	65,624	119,125	8,680	26,079	147,942		
	101,085	90,445	125,495	8,931	25,235	157,410		
	161,304	157,095	130,266	12,747	26,274	146,481		
	329,361	333,197	154,663	17,546	32,839	159,472		
	651,258	670,178	185,117	32,256	38,616	142,080		
	855,339	865,858	208,098	37,141	47,614	111,354	94,794	6,071,470
5,551	1,130,589	1,231,411	257,653	48,247	54,002	98,172	88,671	6,126,364
9,080	1,137,798	1,207,463	247,476	51,929	53,472	79,869	83,829	6,265,258
8,123	891,150	960,171	231,054	38,713	51,617	90,239	78,621	6,283,712
6,439	471,833	487,237	177,843	26,309	42,140	112,028	75,723	6,282,372
4,896	179,521	174,326	141,378	13,857	32,110	128,566	73,862	6,247,215
3,995	162,804	129,423	127,826	11,432	30,543	137,761	72,871	6,246,341
3,713	108,000	75,974	118,707	6,605	29,569	152,843	72,131	6,248,024
3,258	84,691	95,593	125,754	7,535	26,717	162,693	71,203	6,240,631
3,022	115,794	109,335	121,735	8,879	29,138	150,407	70,592	6,225,479
4,434	392,540	415,961	157,971	23,246	28,641	155,573	70,531	6,239,976
5,890	532,141	550,549	161,609	26,400	39,574	148,625	69,896	6,125,892
7,029	685,864	711,454	185,375	32,633	40,612	116,445	69,027	5,947,593
8,771	965,632	1,060,797	223,680	42,443	45,433	113,035	68,215	5,728,175
8,169	868,003	968,722	201,983	46,244	42,929	93,127	67,184	5,467,852
7,298	701,417	720,975	188,822	41,226	41,151	92,338	65,844	5,215,504
6,201	494,742	530,404	165,982	34,782	31,096	100,691	65,610	5,196,857
4,595	277,007	266,442	138,117	21,126	30,039	137,812	65,710	5,232,353
3,496	128,346	106,039	116,336	16,627	30,255	131,725	65,516	5,227,222
3,214	86,566	83,276	114,007	13,485	27,187	137,477	65,310	5,223,294
3,024	59,756	91,732	114,197	6,700	25,280	154,491	65,176	5,221,150
3,053	111,572	121,182	115,202	8,548	26,730	151,265	65,173	5,222,042
4,398	343,445	394,907	144,739	23,708	26,481	159,131	65,137	5,219,881
6,247	568,148	612,628	157,318	31,476	35,039	132,286	65,822	5,298,833
8,671	947,027	989,924	208,390	46,155	39,089	105,028	67,794	5,532,058
9,131	936,351	1,034,582	217,982	44,682	47,757	108,141	68,392	5,566,110
7,889	819,047	879,811	195,300	40,238	39,694	91,078	67,570	5,526,987
8,249	943,451	1,005,219	216,391	42,636	39,330	105,168	67,559	5,710,172
5,086	411,262	434,902	159,894	26,331	35,500	120,005	67,195	5,708,090
4,790	347,087	332,587	161,353	22,692	28,437	143,456	67,409	5,729,178
3,451	135,290	121,952	130,145	13,411	30,094	152,734	67,757	5,746,820
3,399	127,516	94,810	130,528	9,044	27,808	152,865	68,143	5,751,735
3,297	93,022	107,623	134,050	9,267	26,795	157,577	68,647	5,762,909
3,412	76,837	119,147	132,653	12,900	27,175	161,196	68,940	5,757,733
4,384	234,008	243,241	148,051	15,887	26,505	169,304	68,490	5,685,442
6,928	600,169	672,707	188,265	35,955	33,912	148,370	68,344	5,713,386
9,582	1,080,150	1,142,497	237,523	48,506	40,777	123,365	68,346	5,872,663
9,584	1,081,419	1,209,206	250,881	51,367	50,489	110,594	68,780	6,064,475
7,276	812,722	883,093	213,669	41,112	43,146	92,709	69,133	6,050,398
7,962	816,296	875,066	214,412	40,574	39,631	103,506	69,882	5,998,980

6,424	566,683	582,400	187,028	31,407	33,555	125,014	70,790	6,087,670
4,549	166,192	159,764	150,953	15,922	30,628	143,213	70,363	6,043,185
3,617	126,923	109,688	142,374	12,284	28,076	146,655	70,193	6,026,952
3,474	127,987	83,324	130,137	8,223	26,226	152,360	69,964	6,019,826
3,267	90,834	101,336	136,260	8,264	28,030	159,179	69,715	6,009,001
3,247	137,784	142,498	139,182	11,143	27,179	149,213	69,662	6,016,545
4,785	445,850	475,155	179,535	25,166	27,366	165,276	70,429	6,169,162
7,103	756,357	790,215	201,689	38,004	38,428	152,949	70,895	6,315,870
8,602	930,162	986,587	228,573	44,946	42,406	116,435	69,879	6,190,242
9,754	1,110,389	1,245,023	255,408	52,538	49,554	109,810	69,055	6,149,907
8,021	931,977	1,029,085	225,437	44,098	45,659	93,793	69,402	6,326,175
8,036	824,615	908,294	223,986	40,728	43,474	110,487	69,252	6,367,008
6,083	469,006	511,708	181,278	30,139	33,541	118,037	68,750	6,291,751
4,872	326,045	318,711	164,265	22,818	28,301	143,709	69,391	6,345,684
3,660	140,168	115,554	138,395	13,231	28,934	151,837	69,646	6,356,121
3,533	107,858	88,875	133,035	10,084	26,126	158,803	69,743	6,357,544
3,282	117,446	108,950	140,334	9,314	27,985	170,688	69,867	6,360,999
3,327	142,196	143,130	141,776	11,371	28,041	154,380	70,040	6,367,210
4,519	339,102	366,114	164,365	20,287	29,486	162,227	69,822	6,305,869
7,074	737,638	801,692	205,779	37,067	36,351	143,300	69,885	6,273,267
8,301	980,234	1,036,822	224,789	43,973	42,890	104,876	70,211	6,262,302
8,702	962,233	1,081,943	236,536	45,804	47,795	99,556	69,985	6,123,135
8,333	917,717	1,044,442	222,832	40,861	38,473	92,404	70,004	6,015,078
7,198	728,262	772,092	206,946	33,242	41,910	105,550	69,694	5,875,438
6,526	563,208	585,116	171,466	28,406	33,351	114,004	70,274	5,926,265
5,059	306,991	302,304	131,434	18,021	28,688	142,883	70,555	5,948,260
3,870	129,625	109,158	109,650	12,594	28,893	136,244	70,449	5,941,291
3,518	121,716	83,612	113,201	8,229	26,369	140,348	70,464	5,942,549
3,383	74,595	103,115	123,645	8,402	26,806	158,736	70,506	5,944,843
3,422	139,118	132,818	127,987	10,121	25,504	149,432	70,696	5,954,508
4,810	388,062	418,941	162,166	21,621	25,989	160,521	71,088	5,956,973
6,315	559,430	589,399	171,870	28,470	34,461	134,768	71,246	5,823,579
9,022	933,621	985,123	217,971	43,253	38,231	109,595	71,962	5,772,059
9,647	1,047,976	1,173,453	229,889	45,190	44,084	100,299	73,516	5,848,554
8,978	976,235	1,068,601	212,128	42,144	41,490	94,744	75,121	5,953,740
8,514	759,464	815,919	195,449	33,866	41,220	101,742	76,086	6,001,515
6,723	463,260	499,910	166,617	25,583	33,244	119,420	75,698	5,908,951
4,839	277,472	254,827	145,466	16,621	28,784	149,308	75,187	5,853,876
3,657	103,015	94,116	123,026	9,936	28,633	145,627	75,005	5,853,381
3,398	122,785	101,996	128,133	8,449	27,198	150,455	75,117	5,858,173
3,484	99,259	106,702	133,188	8,107	27,703	158,763	75,053	5,857,071
3,429	104,260	104,528	133,649	9,825	26,255	153,292	74,656	5,828,482
4,627	257,310	293,395	159,964	17,400	27,853	137,771	74,250	5,765,383
7,032	643,568	691,479	191,546	32,027	35,009	144,599	74,575	5,776,964
9,012	882,602	924,076	211,790	38,326	40,807	109,201	75,193	5,765,131
11,610	1,190,116	1,338,725	255,668	50,363	45,732	108,361	76,701	5,868,354
9,248	917,017	1,012,861	211,413	39,623	41,067	90,669	76,948	5,831,605
8,828	766,260	829,228	202,704	34,673	41,726	103,389	77,187	5,824,003
6,718	501,794	523,841	168,372	26,595	34,454	121,756	77,394	5,848,524
4,716	212,870	224,960	140,173	15,748	30,416	115,975	77,244	5,839,824
3,647	131,641	111,971	135,437	11,908	28,602	118,080	77,165	5,829,823
3,312	82,501	84,803	131,020	7,317	27,664	117,760	76,812	5,819,257
3,091	100,234	103,580	131,753	7,617	27,951	129,004	76,430	5,808,543
3,189	146,634	164,455	134,621	11,284	18,170	127,426	76,543	5,830,735
4,919	331,516	385,832	176,490	13,952	20,329	128,164	76,740	5,843,555

6,866	549,938	592,053	188,038	19,897	25,858	115,458	76,519	5,779,579
9,474	874,107	938,489	226,873	31,902	28,770	80,286	77,176	5,748,696
10,618	896,633	1,020,148	226,450	31,179	27,009	108,396	76,232	5,505,962
9,497	900,633	1,001,591	220,989	30,790	23,479	80,036	75,269	5,392,542
8,481	792,622	870,637	202,628	26,133	24,684	100,697	74,830	5,389,448
6,141	436,660	478,252	175,755	19,654	19,750	109,056	74,288	5,353,660
4,573	266,884	265,319	157,648	12,861	17,841	129,425	74,062	5,343,523
3,304	159,068	155,972	148,507	8,728	19,941	131,982	74,036	5,354,435
3,118	116,335	95,133	136,829	7,893	18,324	132,270	73,743	5,350,692
2,954	78,630	119,990	137,814	5,410	17,699	135,165	74,172	5,366,700
3,365	126,441	154,440	145,602	8,186	18,503	121,044	73,869	5,348,973
4,580	279,216	326,423	162,787	12,053	17,064	126,594	72,952	5,304,989
7,258	693,001	764,748	200,336	21,705	22,680	121,582	73,289	5,416,176
9,022	796,390	858,930	214,041	24,779	25,513	96,370	71,305	5,359,091
9,774	1,013,695	1,152,762	240,043	32,447	28,458	91,671	70,056	5,396,478
8,541	890,761	1,024,023	213,826	28,630	22,908	85,160	69,749	5,394,045
7,669	734,361	794,097	197,585	23,227	23,639	98,427	69,351	5,350,657
6,171	**505,993**	**549,874**	**174,742**	**21,894**	**16,480**	**106,039**		
4,674	**284,515**	**300,526**	**152,416**	**14,094**	**13,063**	**130,033**		
3,299	**141,985**	**130,575**	**133,674**	**9,911**	**13,847**	**131,534**		
3,253	**90,706**	**99,171**	**129,235**	**7,887**	**14,927**	**136,009**		
3,173	**77,339**	**123,964**	**134,466**	**7,662**	**16,058**	**145,860**		
3,103	**153,468**	**167,952**	**137,230**	**9,306**	**16,886**	**137,848**		
4,776	**391,228**	**434,616**	**169,798**	**16,051**	**17,227**	**146,526**		
7,199	**765,118**	**830,669**	**202,876**	**25,400**	**22,212**	**129,788**		
9,407	**1,115,032**	**1,196,706**	**241,414**	**35,389**	**26,061**	**98,836**		
10,607	**1,293,268**	**1,469,381**	**270,322**	**41,919**	**32,007**	**92,991**		
8,907	**1,082,120**	**1,218,697**	**237,224**	**35,695**	**27,296**	**79,623**		
8,484	**985,476**	**1,078,433**	**228,078**	**32,258**	**25,567**	**91,188**		
6,014	**529,622**	**554,412**	**174,926**	**21,255**	**18,795**	**104,936**		
4,597	**302,270**	**302,476**	**152,288**	**13,685**	**14,965**	**129,637**		
3,546	**142,359**	**131,582**	**133,633**	**9,077**	**14,695**	**131,513**		
3,433	**105,531**	**100,069**	**129,248**	**7,804**	**14,801**	**136,176**		
3,314	**97,894**	**125,033**	**134,516**	**7,676**	**15,580**	**146,111**		
3,418	**160,799**	**169,531**	**137,307**	**9,843**	**16,129**	**138,133**		
4,756	**401,446**	**438,186**	**169,906**	**17,535**	**16,280**	**146,810**		

7,836	720,525	818,211	209,231	20,683	22,652	125,668
9,977	1,114,988	1,252,682	241,777	29,673	22,039	96,606
11,133	1,255,158	1,425,830	269,070	35,995	27,099	103,308
9,789	1,056,619	1,198,538	235,356	30,320	24,801	92,813
9,126	970,346	1,088,159	229,166	28,705	23,256	94,084
6,171	505,993	549,874	174,742	21,894	16,480	106,039
4,674	284,515	300,526	152,416	14,094	13,063	130,033
3,299	141,985	130,575	133,674	9,911	13,847	131,534
3,253	90,706	99,171	129,235	7,887	14,927	136,009
3,173	77,339	123,964	134,466	7,662	16,058	145,860
3,103	153,468	167,952	137,230	9,306	16,886	137,848
4,776	391,228	434,616	169,798	16,051	17,227	146,526
76,310	6,762,871	7,590,098	2,216,162	232,182	228,335	1,446,328

Actual CHF	Actual CNF	Actual CHZ	Actual CNZ	Actual G54Z	Annual RNH	RH	CHF
6,256,377	2,063,252	286,536	396,656	1,578,283		6,016,737	6,174,959
6,345,469	2,073,208	292,516	416,317	1,554,937		6,030,727	6,205,354
6,538,707	2,102,272	298,987	438,472	1,531,280		6,223,293	6,388,109
6,581,952	2,103,479	299,546	453,952	1,515,407		6,201,254	6,376,843
6,589,564	2,106,236	299,852	463,082	1,490,902		6,186,120	6,380,493
6,547,085	2,099,576	297,571	470,708	1,480,336		6,113,179	6,323,199
6,550,951	2,101,386	296,863	478,626	1,487,810		6,173,602	6,372,426
6,559,854	2,100,392	296,202	485,361	1,495,964		6,180,043	6,382,776
6,548,788	2,097,901	295,160	493,124	1,501,646		6,163,649	6,387,924
6,533,698	2,088,105	297,307	490,131	1,493,108		6,118,138	6,340,163
6,569,927	2,086,002	299,052	493,269	1,503,542		6,181,318	6,422,928
6,469,014	2,067,216	296,394	487,069	1,511,333		6,062,202	6,303,299
6,309,319	2,035,270	291,331	478,525	1,536,878	65,429	5,892,727	6,148,896
6,077,035	1,999,641	280,126	467,900	1,559,507	68,649	5,727,770	5,978,282
5,789,893	1,949,911	281,344	451,143	1,561,863	67,738	5,457,975	5,739,541
5,516,251	1,904,507	284,789	437,773	1,539,814	66,913	5,268,242	5,500,346
5,493,770	1,890,971	296,619	433,446	1,555,160	66,675	5,291,151	5,543,513
5,539,950	1,889,049	311,071	431,626	1,542,741	66,374	5,388,637	5,635,629
5,529,666	1,879,020	321,436	427,445	1,513,371	65,876	5,354,178	5,612,245
5,518,046	1,866,960	322,061	422,831	1,497,014	65,377	5,332,744	5,619,548
5,511,693	1,859,380	322,195	418,325	1,497,116	65,142	5,307,809	5,615,687
5,526,459	1,851,290	321,220	414,911	1,502,127	65,173	5,303,587	5,627,534
5,535,076	1,839,300	328,658	409,391	1,471,005	65,138	5,254,491	5,606,480
5,613,523	1,840,414	337,354	406,280	1,448,849	65,494	5,290,498	5,668,559
5,862,413	1,867,329	353,829	408,332	1,438,577	67,137	5,551,660	5,947,029
5,895,055	1,864,131	360,749	401,908	1,433,521	67,498	5,522,379	5,920,814
5,853,287	1,855,307	351,089	398,767	1,455,558	67,218	5,473,422	5,831,903
6,064,006	1,886,950	351,914	403,857	1,489,449	68,168	5,715,456	6,116,147
6,066,520	1,896,094	340,014	401,409	1,498,603	67,053	5,631,976	6,020,646
6,073,205	1,918,981	332,657	401,827	1,535,789	67,248	5,702,057	6,086,790
6,070,127	1,938,541	325,893	401,109	1,562,903	67,203	5,709,001	6,102,703
6,058,431	1,960,881	328,800	401,900	1,567,823	67,388	5,749,951	6,114,237
6,052,632	1,984,221	334,395	402,878	1,585,329	67,661	5,783,217	6,130,129
6,016,758	2,004,749	334,209	401,962	1,603,421	68,020	5,748,482	6,128,094
5,904,197	2,018,816	326,283	400,656	1,632,383	68,005	5,639,045	5,976,428
5,929,043	2,043,071	323,430	402,626	1,665,543	68,686	5,671,066	6,036,507
6,099,233	2,078,328	327,630	405,717	1,669,925	69,597	5,804,189	6,189,079
6,314,153	2,120,886	334,683	410,185	1,672,844	70,049	5,949,257	6,363,703
6,299,335	2,131,721	337,016	409,297	1,669,772	69,436	5,942,933	6,366,985
6,238,910	2,131,504	333,197	405,820	1,678,759	69,150	5,815,778	6,236,831

6,328,856	2,152,855	340,618	410,127	1,678,077	70,488	5,971,198	6,384,329
6,276,135	2,151,502	336,965	408,601	1,666,598	70,246	5,790,303	6,211,506
6,267,071	2,153,234	335,154	407,580	1,664,973	70,412	5,781,937	6,199,242
6,263,567	2,155,661	332,181	407,679	1,666,842	70,488	5,782,407	6,187,755
6,258,217	2,157,826	328,369	406,190	1,643,693	70,458	5,780,218	6,181,468
6,275,321	2,166,288	330,045	407,871	1,634,663	70,294	5,841,166	6,204,819
6,443,788	2,190,935	337,197	412,488	1,640,963	70,695	6,053,008	6,436,733
6,614,219	2,207,213	343,205	414,318	1,626,103	70,871	6,209,196	6,554,241
6,483,516	2,188,712	336,907	413,245	1,622,219	69,891	6,059,209	6,398,331
6,450,712	2,184,389	333,033	416,750	1,621,657	70,061	6,088,178	6,434,148
6,657,890	2,206,045	337,202	422,843	1,631,833	70,806	6,207,434	6,580,140
6,722,175	2,213,244	339,129	423,827	1,616,805	70,880	6,215,752	6,613,369
6,650,266	2,205,068	337,110	419,209	1,615,675	70,539	6,118,076	6,542,676
6,718,949	2,214,878	343,886	419,286	1,623,558	70,862	6,277,928	6,701,624
6,729,592	2,216,418	347,816	419,328	1,634,430	70,906	6,291,174	6,707,490
6,728,896	2,220,384	350,781	421,308	1,655,386	70,965	6,271,045	6,713,041
6,731,430	2,224,622	351,512	422,547	1,665,751	70,979	6,297,657	6,720,656
6,734,800	2,222,439	351,438	424,595	1,662,173	71,059	6,302,070	6,721,287
6,666,105	2,215,606	345,777	422,035	1,647,590	70,793	6,195,322	6,612,246
6,637,328	2,210,668	343,258	422,584	1,630,485	70,764	6,176,603	6,623,723
6,645,019	2,216,264	345,583	420,614	1,616,655	70,462	6,226,675	6,673,959
6,490,047	2,202,050	337,239	413,257	1,619,632	69,410	6,078,519	6,510,878
6,368,971	2,199,304	331,151	409,566	1,616,758	69,721	6,064,259	6,526,236
6,195,040	2,163,877	320,855	408,572	1,615,962	68,883	5,967,907	6,390,033
6,223,842	2,135,685	315,998	409,951	1,621,171	69,326	6,062,109	6,463,441
6,221,240	2,100,070	312,974	409,434	1,599,461	69,513	6,043,055	6,447,034
6,201,683	2,076,520	308,032	407,956	1,572,152	69,722	6,032,511	6,440,638
6,195,389	2,056,278	305,178	406,313	1,555,980	69,708	6,046,369	6,435,374
6,190,496	2,037,899	303,493	403,300	1,551,695	69,809	6,003,518	6,429,540
6,196,021	2,029,906	302,927	399,687	1,552,321	69,904	6,000,440	6,419,228
6,212,425	2,019,979	303,265	397,867	1,539,475	70,195	6,049,400	6,472,055
6,073,883	1,994,749	297,037	392,126	1,549,575	69,436	5,871,192	6,259,762
6,022,450	1,967,078	290,727	387,425	1,551,275	70,157	5,824,579	6,208,063
6,118,744	1,953,273	294,089	388,267	1,554,838	71,103	5,910,322	6,299,573
6,255,760	1,938,328	297,116	388,118	1,546,211	71,748	5,968,840	6,323,731
6,339,406	1,945,706	299,836	387,323	1,553,370	73,064	6,000,041	6,367,558
6,275,725	1,955,616	297,627	386,200	1,561,568	73,261	5,900,093	6,282,352
6,236,033	1,966,399	293,945	385,774	1,574,531	73,041	5,870,574	6,234,876
6,244,734	1,979,735	293,909	388,132	1,588,428	72,828	5,843,965	6,219,834
6,261,449	1,993,920	294,451	388,494	1,583,814	72,707	5,845,033	6,238,218
6,267,629	2,006,211	294,970	389,030	1,586,136	72,808	5,869,697	6,241,804
6,248,087	2,013,417	293,790	390,156	1,590,869	72,815	5,834,839	6,213,514
6,180,896	2,010,047	289,092	390,032	1,576,412	72,632	5,704,087	6,087,969
6,201,252	2,018,344	289,034	393,244	1,571,531	73,348	5,788,226	6,190,048
6,201,176	2,024,889	286,406	395,159	1,582,335	73,338	5,737,206	6,129,001
6,359,363	2,049,009	290,066	396,322	1,571,418	75,302	5,879,346	6,294,273
6,341,419	2,051,424	287,066	397,102	1,571,249	75,572	5,820,127	6,238,534
6,355,654	2,054,477	287,013	397,917	1,572,702	75,886	5,826,924	6,251,843
6,398,791	2,053,935	288,011	399,607	1,571,396	75,881	5,865,458	6,275,774
6,404,253	2,063,075	288,480	399,273	1,546,918	75,758	5,800,856	6,245,907
6,404,179	2,071,728	288,274	399,704	1,513,299	75,748	5,829,482	6,263,762
6,393,880	2,069,461	286,795	400,277	1,485,177	75,662	5,789,198	6,246,569
6,388,253	2,064,077	285,623	401,324	1,464,233	75,270	5,790,174	6,243,447
6,418,546	2,076,102	284,139	392,944	1,422,233	75,029	5,832,548	6,303,375
6,464,078	2,095,337	281,831	384,034	1,423,354	75,321	5,906,754	6,395,811

6,426,569	2,103,411	271,932	370,746	1,397,019	75,155	5,813,123	6,296,386
6,417,321	2,111,659	262,222	357,165	1,361,576	75,617	5,804,628	6,310,799
6,148,385	2,093,740	243,144	337,068	1,375,001	74,625	5,511,145	5,992,221
6,036,718	2,089,208	232,096	321,406	1,383,969	74,874	5,494,761	5,980,951
6,069,397	2,105,932	223,741	307,127	1,374,743	74,528	5,521,123	6,022,360
6,051,349	2,118,343	217,748	294,799	1,351,309	73,950	5,455,989	5,976,771
6,046,618	2,133,254	214,266	287,096	1,362,667	73,807	5,510,003	6,017,129
6,063,585	2,142,462	218,898	278,262	1,375,150	73,464	5,537,430	6,061,131
6,064,281	2,148,318	218,466	268,774	1,372,501	73,270	5,571,264	6,071,461
6,076,626	2,164,122	219,333	261,597	1,347,108	73,133	5,549,659	6,087,871
6,051,974	2,153,940	217,645	261,464	1,330,508	73,309	5,529,467	6,077,855
5,996,540	2,140,415	210,990	260,633	1,327,941	72,971	5,477,167	6,018,446
6,120,319	2,150,267	212,187	260,386	1,343,532	73,364	5,620,230	6,191,141
6,058,350	2,140,576	206,905	256,042	1,361,297	72,911	5,542,513	6,111,582
6,112,137	2,144,579	208,463	256,966	1,350,558	72,067	5,659,575	6,244,197
6,105,314	2,146,844	207,261	256,642	1,345,325	71,111	5,649,702	6,266,628
6,025,789	2,130,483	204,110	253,774	1,339,767	70,299	5,591,441	6,190,088
					70,330	**5,660,774**	**6,261,710**
					70,430	**5,678,405**	**6,296,917**
					70,426	**5,661,322**	**6,271,520**
					70,560	**5,635,693**	**6,275,557**
					70,780	**5,634,402**	**6,279,532**
					70,518	**5,661,429**	**6,293,044**
					70,714	**5,773,441**	**6,401,237**
					70,654	**5,845,558**	**6,467,157**
					71,039	**6,164,201**	**6,804,934**
					71,872	**6,443,774**	**7,121,553**
					72,238	**6,635,133**	**7,316,226**
					73,053	**6,886,248**	**7,600,563**
					72,896	**6,909,877**	**7,605,101**
					72,819	**6,927,632**	**7,607,052**
					73,066	**6,928,006**	**7,608,059**
					73,246	**6,942,831**	**7,608,957**
					73,387	**6,963,385**	**7,610,026**
					73,702	**6,970,716**	**7,611,604**
					73,682	**6,980,934**	**7,615,174**

CNF	CHZ	CNZ	G54Z	
				2013/2014
				2013/2014
				2013/2014
				2013/2014
				2013/2014
				2013/2014
				2013/2014
				2013/2014
				2013/2014
				2013/2014
				2014/2015
2,057,765	300,215	401,624	1,565,081	2014/2015
2,073,198	300,582	410,190	1,561,564	2014/2015
2,096,726	310,526	425,868	1,549,421	2014/2015
2,101,532	309,304	439,485	1,537,127	2014/2015
2,103,590	310,110	450,842	1,529,138	2014/2015
2,098,516	306,685	456,079	1,516,414	2014/2015
2,105,995	307,786	460,542	1,511,375	2014/2015
2,105,577	305,711	464,033	1,516,276	2014/2015
2,105,837	304,314	465,514	1,521,559	2014/2015
2,097,306	300,447	468,379	1,525,485	2014/2015
2,100,614	306,147	464,181	1,521,586	2014/2015
2,077,105	300,291	465,139	1,528,132	2015/2016
2,054,382	295,784	458,137	1,533,222	2015/2016
2,020,409	289,980	449,568	1,548,084	2015/2016
1,974,916	284,296	439,024	1,561,343	2015/2016
1,932,683	286,809	428,558	1,563,442	2015/2016
1,920,822	295,282	417,514	1,552,105	2015/2016
1,917,561	302,552	415,442	1,561,351	2015/2016
1,906,071	307,747	415,155	1,555,314	2015/2016
1,901,370	314,627	412,773	1,539,948	2015/2016
1,889,812	313,792	411,336	1,531,746	2015/2016
1,883,280	313,461	408,928	1,532,604	2015/2016
1,870,048	313,922	406,768	1,536,161	2015/2016
1,865,757	318,998	402,233	1,519,821	2016/2017
1,888,772	332,520	400,710	1,508,404	2016/2017
1,883,074	334,759	403,035	1,503,510	2016/2017
1,876,391	328,753	399,800	1,501,461	2016/2017
1,903,960	330,163	397,979	1,514,291	2016/2017
1,897,873	321,711	402,384	1,533,605	2016/2017
1,921,109	323,277	400,782	1,539,249	2016/2017
1,934,918	320,062	400,620	1,560,259	2016/2017
1,951,439	315,621	401,240	1,575,648	2016/2017
1,971,293	318,188	402,756	1,578,733	2016/2017
1,988,743	322,540	403,201	1,588,664	2016/2017
1,992,054	314,720	403,225	1,598,837	2016/2017
2,023,001	319,200	402,097	1,614,921	2017/2018
2,052,134	321,550	403,785	1,633,258	2017/2018
2,085,033	328,235	406,516	1,635,711	2017/2018
2,103,401	329,109	409,968	1,637,342	2017/2018
2,101,423	327,047	410,270	1,635,680	2017/2018

2,128,556	332,124	408,324	1,640,690	2017/2018
2,118,156	325,353	410,515	1,640,447	2017/2018
2,130,386	324,226	408,497	1,634,367	2017/2018
2,129,994	323,405	406,915	1,633,862	2017/2018
2,132,204	322,401	408,150	1,635,464	2017/2018
2,138,734	320,644	408,153	1,623,481	2017/2018
2,170,218	329,922	409,014	1,619,454	2017/2018
2,183,642	331,971	413,530	1,624,033	2018/2019
2,174,693	328,412	415,160	1,617,104	2018/2019
2,179,220	329,583	414,225	1,616,320	2018/2019
2,190,988	332,569	416,738	1,617,403	2018/2019
2,200,562	332,722	420,581	1,624,384	2018/2019
2,194,812	331,454	420,568	1,617,407	2018/2019
2,208,124	338,351	418,241	1,617,903	2018/2019
2,204,144	339,297	419,099	1,623,085	2018/2019
2,207,043	341,159	418,998	1,629,528	2018/2019
2,211,117	342,209	418,954	1,641,037	2018/2019
2,213,711	342,437	419,815	1,646,205	2018/2019
2,198,540	337,559	421,935	1,643,155	2018/2019
2,202,630	336,622	419,858	1,633,506	2019/2020
2,198,846	335,649	420,342	1,621,947	2019/2020
2,179,973	328,914	418,583	1,611,693	2019/2020
2,177,368	325,678	411,396	1,610,303	2019/2020
2,160,329	318,191	409,832	1,605,366	2019/2020
2,150,517	316,458	409,641	1,601,334	2019/2020
2,117,687	311,662	410,028	1,600,509	2019/2020
2,088,942	311,025	409,987	1,584,916	2019/2020
2,069,108	309,170	410,230	1,566,460	2019/2020
2,052,419	308,257	409,051	1,554,508	2019/2020
2,038,630	307,008	406,515	1,549,560	2019/2020
2,036,431	308,341	403,018	1,547,853	2019/2020
2,002,523	299,744	401,128	1,539,321	2020/2021
1,995,705	299,024	396,468	1,544,040	2020/2021
1,989,058	298,410	392,758	1,544,784	2020/2021
1,978,354	299,693	395,775	1,547,124	2020/2021
1,966,857	300,317	395,086	1,543,315	2020/2021
1,962,008	297,494	394,979	1,548,730	2020/2021
1,976,040	296,093	395,075	1,555,155	2020/2021
1,989,416	293,435	394,815	1,564,537	2020/2021
2,004,347	293,655	395,644	1,574,645	2020/2021
2,013,890	293,360	396,541	1,574,672	2020/2021
2,019,553	293,063	397,292	1,578,533	2020/2021
2,017,351	288,843	399,156	1,555,783	2020/2021
2,037,027	292,400	399,704	1,565,615	2021/2022
2,030,845	287,473	402,280	1,565,220	2021/2022
2,056,624	292,646	403,927	1,573,281	2021/2022
2,055,909	290,125	403,504	1,569,207	2021/2022
2,063,164	290,932	404,010	1,570,854	2021/2022
2,064,919	291,944	405,221	1,573,190	2021/2022
2,059,626	291,071	406,853	1,539,857	2021/2022
2,072,037	293,042	406,822	1,512,310	2021/2022
2,074,924	291,911	407,288	1,479,614	2021/2022
2,073,490	291,421	407,537	1,449,856	2021/2022
2,074,462	292,880	399,452	1,423,989	2021/2022
2,090,988	289,432	391,927	1,414,382	2021/2022

2,087,480	277,302	382,776	1,385,241	2022/2023
2,102,563	270,878	370,739	1,356,327	2022/2023
2,073,345	251,694	352,016	1,356,362	2022/2023
2,082,921	242,861	334,428	1,345,729	2022/2023
2,082,845	234,321	317,386	1,343,037	2022/2023
2,090,228	227,381	302,682	1,330,337	2022/2023
2,107,703	224,494	290,107	1,343,787	2022/2023
2,120,773	221,315	281,446	1,357,689	2022/2023
2,126,581	221,891	272,106	1,372,199	2022/2023
2,132,642	219,684	261,854	1,378,360	2022/2023
2,143,623	216,586	262,186	1,371,978	2022/2023
2,129,920	214,686	258,922	1,370,408	2022/2023
2,142,218	216,494	255,744	1,376,532	2023/2024
2,129,387	209,371	252,487	1,392,615	2023/2024
2,142,980	210,639	253,935	1,375,891	2023/2024
2,135,817	208,479	253,364	1,381,015	2023/2024
2,130,774	205,573	252,320	1,378,745	2023/2024
2,129,760	**207,813**	**249,050**	**1,375,728**	2023/2024
2,124,529	**209,046**	**244,272**	**1,376,336**	2023/2024
2,109,696	**210,229**	**238,178**	**1,375,888**	2023/2024
2,102,103	**210,223**	**234,781**	**1,379,628**	2023/2024
2,098,755	**212,475**	**233,140**	**1,390,322**	2023/2024
2,090,383	**213,595**	**231,523**	**1,407,126**	2023/2024
2,097,394	**217,593**	**231,686**	**1,427,058**	2023/2024
2,099,933	**221,289**	**231,219**	**1,435,264**	2024/2025
2,127,306	**231,899**	**231,768**	**1,437,731**	2024/2025
2,157,585	**241,370**	**235,317**	**1,439,050**	2024/2025
2,180,982	**248,435**	**239,705**	**1,433,512**	2024/2025
2,211,475	**257,466**	**241,633**	**1,426,273**	2024/2025
2,211,659	**256,827**	**243,948**	**1,425,171**	2024/2025
2,211,531	**256,417**	**245,850**	**1,424,775**	2024/2025
2,211,490	**255,584**	**246,697**	**1,424,754**	2024/2025
2,211,502	**255,501**	**246,572**	**1,424,921**	2024/2025
2,211,552	**255,515**	**246,094**	**1,425,172**	2024/2025
2,211,629	**256,052**	**245,337**	**1,425,457**	2024/2025
2,211,736	**257,536**	**244,391**	**1,425,742**	2024/2025

Year-End	Year	Weather Normalized Historical (Nov-Oct S RNH	RH	CHF	CNF	CHZ
	2014/2015	71,294	6,425,666	6,765,199	2,107,437	305,592
	2015/2016	70,923	6,384,848	6,776,812	1,968,813	372,524
	2016/2017	72,888	6,600,061	6,879,241	2,118,180	360,847
	2017/2018	73,382	6,772,213	7,094,228	2,255,049	359,887
	2018/2019	72,710	6,898,582	7,306,054	2,280,643	367,398
	2019/2020	75,261	6,803,336	7,129,087	2,112,756	333,235
	2020/2021	79,894	7,028,368	7,539,327	2,146,507	333,536
	2021/2022	81,429	6,827,666	7,528,317	2,200,772	316,395
	2022/2023	79,271	6,675,198	7,473,469	2,287,014	258,756
Hist/For	*2023/2024*					
	2024/2025					

Split Year)						
CNZ	G54Z	Company Use	RNH	RH	CHF	CNF
493,269	1,503,542	25,191	52,510	6,181,318	6,422,928	2,100,614
409,391	1,471,005	24,248	65,138	5,254,491	5,606,480	1,870,048
400,656	1,632,383	32,830	68,005	5,639,045	5,976,428	1,992,054
412,488	1,640,963	37,927	70,695	6,053,008	6,436,733	2,170,218
422,035	1,647,590	32,449	70,793	6,195,322	6,612,246	2,198,540
397,867	1,539,475	26,988	70,195	6,049,400	6,472,055	2,036,431
390,032	1,576,412	29,825	72,632	5,704,087	6,087,969	2,017,351
384,034	1,423,354	28,812	75,321	5,906,754	6,395,811	2,090,988
260,633	1,327,941	25,881	72,971	5,477,167	6,018,446	2,129,920
			76,310	*6,762,871*	*7,590,098*	*2,216,162*
			73,682	*6,980,934*	*7,615,174*	*2,211,736*

CHZ	CNZ	G54Z	Company Use	Total Planning Load Prior to Adjs.	
306,147	464,181	1,521,586	26,957	15,394,787	
313,922	406,768	1,536,161	21,136	15,225,644	
314,720	403,225	1,598,837	24,389	15,703,200	
329,922	409,014	1,619,454	27,620	16,232,800	
337,559	421,935	1,643,155	26,184	16,590,438	
308,341	403,018	1,547,853	24,024	16,147,428	
288,843	399,156	1,555,783	22,311	16,823,922	
289,432	391,927	1,414,382	23,765	14,492,639	
214,686	258,922	1,370,408	21,038	13,719,543	
232,182	*228,335*	*1,446,328*	*29,646*	*16,675,087*	
257,536	*244,391*	*1,425,742*	*28,472*	*16,909,999*	

	Econome		
	RNH	RH	CHF
	71,294	6,425,666	6,765,199
	70,923	6,384,848	6,776,812
	72,888	6,600,061	6,879,241
	73,382	6,772,213	7,094,228
	72,710	6,898,582	7,306,054
	75,261	6,803,336	7,129,087
	79,894	7,028,368	7,539,327
	81,429	6,827,666	7,528,317
	79,271	6,675,198	7,473,469
	76,310	6,762,871	7,590,098
	73,682	6,980,934	7,615,174

etric Results + Out-of-Model Adjustments						
CNF	CHZ	CNZ	G54Z	Company Use	RNH	RH
2,107,437	305,592	493,269	1,503,542	25,191	2,252	192,656
1,968,813	372,524	409,391	1,471,005	24,248	*1,393*	*118,759*
2,118,180	360,847	400,656	1,632,383	32,830	*927*	*79,532*
2,255,049	359,887	412,488	1,640,963	37,927	1,526	133,735
2,280,643	367,398	422,035	1,647,590	32,449	788	71,214
2,112,756	333,235	397,867	1,539,475	26,988	1,497	128,233
2,146,507	333,536	390,032	1,576,412	29,825	1,147	95,625
2,200,772	316,395	384,034	1,423,354	28,812	2,211	174,805
2,287,014	258,756	260,633	1,327,941	25,881	2,418	191,305
2,216,162	232,182	228,335	1,446,328	29,646	*1,190*	*105,465*
2,211,736	257,536	244,391	1,425,742	28,472	*1,149*	*108,866*

Unaccounted For Gas (8-Year) 1.56%

Source: Unaccounted For Gas

Unaccounted For						
CHF	CNF	CHZ	CNZ	G54Z	Company Use	Firm + CoUse
202,652	67,350	3,792	6,121	18,656	*725*	*465,635*
125,980	*39,061*	*353*	*388*	*1,393*	*432*	*285,625*
82,670	*27,239*	*-1,977*	*-2,195*	*-8,945*	*393*	*190,761*
139,670	47,569	7,851	8,999	35,799	*754*	*323,254*
75,256	25,105	1,814	2,084	8,135	332	*172,696*
133,909	42,489	4,809	5,742	22,218	494	*306,623*
102,497	31,107	4,224	4,940	19,965	398	*230,774*
193,104	60,289	8,102	9,834	36,447	*724*	431,134
215,007	70,410	7,184	7,236	36,866	719	479,859
118,366	*34,560*	*3,621*	*3,561*	*22,555*	*462*	*260,044*
118,757	*34,491*	*4,016*	*3,811*	*22,234*	*444*	*263,707*

Capacity Exempt	Customer Segment Models Residential	C&I	Design Year Planning Load	Design Year Planning Load + iNATGAS
28,569	6,233,829	8,523,542	15,860,422	15,860,422
2,133	5,319,629	7,476,528	15,511,269	15,511,269
-13,118	5,707,050	7,968,482	15,893,961	15,893,961
52,649	6,123,703	8,606,951	16,556,053	16,677,605
12,033	6,266,115	8,810,787	16,763,134	16,765,472
32,769	6,119,595	8,508,486	16,454,051	16,454,660
29,128	5,776,719	8,105,320	17,054,696	17,060,097
54,383	5,982,075	8,486,799	17,098,130	17,099,018
51,285	5,550,138	8,148,366	17,020,691	17,021,259
29,737	*6,839,181*	9,806,259	*16,935,130*	*17,078,370*
30,061	*7,054,616*	9,826,911	*17,173,706*	*17,473,706*

iNATGAS	300,000
2014/2015	0
2015/2016	0
2016/2017	0
2017/2018	121,551
2018/2019	2,338
2019/2020	609
2020/2021	5,401
2021/2022	888
2022/2023	568
2023/2024 (Historical)	513
2023/2024 (Forecast)	142,727

Calibration %	
-13.52%	19,583,667
-11.94%	19,501,738

	Actual	Normal	Design Year
4/1/2021	71,837	63,968	63,968
4/2/2021	77,459	77,428	77,428
4/3/2021	60,458	61,324	61,324
4/4/2021	45,237	43,757	43,757
4/5/2021	49,581	45,320	45,320
4/6/2021	39,889	43,627	43,627
4/7/2021	32,765	34,192	34,192
4/8/2021	31,413	34,627	34,627
4/9/2021	26,820	27,306	27,306
4/10/2021	19,643	19,146	19,146
4/11/2021	33,774	38,094	38,094
4/12/2021	45,955	45,907	45,907
4/13/2021	31,818	37,235	37,235
4/14/2021	32,765	35,453	35,453
4/15/2021	50,231	48,857	48,857
4/16/2021	64,927	58,742	58,742
4/17/2021	48,802	49,714	49,714
4/18/2021	39,487	40,703	40,703
4/19/2021	36,333	36,397	36,397
4/20/2021	33,547	32,655	32,655
4/21/2021	50,337	50,905	50,905
4/22/2021	66,482	58,781	58,781
4/23/2021	41,332	44,253	44,253
4/24/2021	24,322	25,610	25,610
4/25/2021	38,354	37,810	37,810
4/26/2021	50,169	47,601	47,601
4/27/2021	33,523	36,315	36,315
4/28/2021	31,565	35,611	35,611
4/29/2021	38,437	38,312	38,312
4/30/2021	37,369	38,116	38,116
5/1/2021	30,611	28,175	28,175
5/2/2021	23,593	19,939	19,939
5/3/2021	30,528	29,667	29,667
5/4/2021	34,862	34,335	34,335
5/5/2021	40,495	39,281	39,281
5/6/2021	35,548	33,634	33,634
5/7/2021	33,917	35,555	35,555
5/8/2021	29,527	28,703	28,703
5/9/2021	26,428	27,857	27,857
5/10/2021	30,490	28,200	28,200
5/11/2021	36,223	33,149	33,149
5/12/2021	33,578	31,741	31,741
5/13/2021	29,472	27,741	27,741
5/14/2021	22,339	19,537	19,537
5/15/2021	18,168	15,893	15,893
5/16/2021	20,564	18,191	18,191
5/17/2021	23,358	21,257	21,257
5/18/2021	21,305	21,266	21,266

5/19/2021	21,824	20,390	20,390
5/20/2021	21,911	20,630	20,630
5/21/2021	18,867	17,831	17,831
5/22/2021	14,209	14,732	14,732
5/23/2021	18,477	16,519	16,519
5/24/2021	22,540	23,876	23,876
5/25/2021	20,293	20,305	20,305
5/26/2021	19,828	19,326	19,326
5/27/2021	21,732	20,289	20,289
5/28/2021	23,858	31,740	31,740
5/29/2021	29,641	32,574	32,574
5/30/2021	29,926	35,878	35,878
5/31/2021	26,149	26,390	26,390
6/1/2021	22,854	19,935	19,935
6/2/2021	20,599	19,022	19,022
6/3/2021	20,312	18,521	18,521
6/4/2021	17,755	16,296	16,296
6/5/2021	13,691	14,057	14,057
6/6/2021	15,330	16,115	16,115
6/7/2021	16,764	18,794	18,794
6/8/2021	17,088	18,116	18,116
6/9/2021	18,980	18,127	18,127
6/10/2021	20,414	18,858	18,858
6/11/2021	18,981	21,017	21,017
6/12/2021	14,775	13,770	13,770
6/13/2021	15,929	16,163	16,163
6/14/2021	19,559	18,939	18,939
6/15/2021	20,298	18,998	18,998
6/16/2021	21,472	20,336	20,336
6/17/2021	20,741	19,885	19,885
6/18/2021	16,312	13,821	13,821
6/19/2021	13,089	14,820	14,820
6/20/2021	14,896	15,909	15,909
6/21/2021	17,953	18,621	18,621
6/22/2021	20,416	20,505	20,505
6/23/2021	21,537	19,321	19,321
6/24/2021	20,052	19,803	19,803
6/25/2021	18,103	16,420	16,420
6/26/2021	13,293	14,134	14,134
6/27/2021	14,843	16,034	16,034
6/28/2021	18,082	18,544	18,544
6/29/2021	17,575	18,725	18,725
6/30/2021	17,916	18,298	18,298
7/1/2021	17,172	18,345	18,345
7/2/2021	16,815	21,754	21,754
7/3/2021	15,706	20,129	20,129
7/4/2021	13,964	16,962	16,962
7/5/2021	15,519	13,958	13,958
7/6/2021	18,476	17,815	17,815

7/7/2021	19,068	17,917	17,917
7/8/2021	18,603	20,030	20,030
7/9/2021	16,913	15,606	15,606
7/10/2021	14,215	13,456	13,456
7/11/2021	14,683	16,189	16,189
7/12/2021	17,634	18,164	18,164
7/13/2021	19,297	18,352	18,352
7/14/2021	20,159	19,130	19,130
7/15/2021	19,381	19,306	19,306
7/16/2021	15,594	16,146	16,146
7/17/2021	13,417	13,101	13,101
7/18/2021	15,548	16,004	16,004
7/19/2021	19,349	18,794	18,794
7/20/2021	19,821	19,021	19,021
7/21/2021	20,422	19,289	19,289
7/22/2021	20,885	19,508	19,508
7/23/2021	17,560	16,976	16,976
7/24/2021	13,334	14,011	14,011
7/25/2021	16,436	15,995	15,995
7/26/2021	19,891	19,334	19,334
7/27/2021	19,497	19,458	19,458
7/28/2021	21,654	19,140	19,140
7/29/2021	19,146	20,136	20,136
7/30/2021	18,912	16,274	16,274
7/31/2021	15,138	14,567	14,567
8/1/2021	16,106	16,906	16,906
8/2/2021	19,878	19,013	19,013
8/3/2021	19,633	19,589	19,589
8/4/2021	20,430	19,383	19,383
8/5/2021	20,193	19,569	19,569
8/6/2021	17,317	16,729	16,729
8/7/2021	13,128	13,886	13,886
8/8/2021	15,810	15,906	15,906
8/9/2021	19,849	18,991	18,991
8/10/2021	20,064	19,415	19,415
8/11/2021	18,539	19,365	19,365
8/12/2021	18,080	18,715	18,715
8/13/2021	15,674	15,805	15,805
8/14/2021	12,993	13,214	13,214
8/15/2021	16,257	15,654	15,654
8/16/2021	20,377	18,971	18,971
8/17/2021	20,167	19,477	19,477
8/18/2021	19,143	19,397	19,397
8/19/2021	18,611	19,023	19,023
8/20/2021	17,844	16,090	16,090
8/21/2021	13,868	14,170	14,170
8/22/2021	15,101	16,097	16,097
8/23/2021	16,655	18,521	18,521
8/24/2021	19,613	18,077	18,077

8/25/2021	19,868	19,244	19,244
8/26/2021	18,683	19,222	19,222
8/27/2021	16,198	15,742	15,742
8/28/2021	13,964	13,397	13,397
8/29/2021	16,673	16,212	16,212
8/30/2021	19,223	19,213	19,213
8/31/2021	19,775	19,028	19,028
9/1/2021	19,947	20,167	20,167
9/2/2021	21,299	19,326	19,326
9/3/2021	17,844	17,081	17,081
9/4/2021	14,204	14,105	14,105
9/5/2021	13,856	16,239	16,239
9/6/2021	17,183	15,173	15,173
9/7/2021	20,783	19,630	19,630
9/8/2021	19,576	19,788	19,788
9/9/2021	20,148	18,968	18,968
9/10/2021	19,905	17,587	17,587
9/11/2021	14,907	15,040	15,040
9/12/2021	16,473	16,531	16,531
9/13/2021	21,816	19,250	19,250
9/14/2021	20,863	20,449	20,449
9/15/2021	19,620	19,867	19,867
9/16/2021	21,821	19,247	19,247
9/17/2021	18,600	17,635	17,635
9/18/2021	14,669	14,570	14,570
9/19/2021	18,972	17,336	17,336
9/20/2021	22,181	22,158	22,158
9/21/2021	20,622	20,305	20,305
9/22/2021	19,178	19,616	19,616
9/23/2021	18,953	19,179	19,179
9/24/2021	17,326	16,220	16,220
9/25/2021	14,812	13,929	13,929
9/26/2021	18,940	19,116	19,116
9/27/2021	19,990	19,918	19,918
9/28/2021	23,405	24,792	24,792
9/29/2021	25,304	27,756	27,756
9/30/2021	28,703	31,166	31,166
10/1/2021	24,544	26,658	26,658
10/2/2021	17,874	17,285	17,285
10/3/2021	20,254	21,881	21,881
10/4/2021	27,113	27,928	27,928
10/5/2021	27,288	26,867	26,867
10/6/2021	25,382	23,407	23,407
10/7/2021	23,758	22,190	22,190
10/8/2021	21,670	20,940	20,940
10/9/2021	21,050	22,545	22,545
10/10/2021	20,532	21,504	21,504
10/11/2021	24,271	20,568	20,568
10/12/2021	22,384	22,628	22,628

10/13/2021	22,218	19,846	19,846
10/14/2021	21,313	20,025	20,025
10/15/2021	19,044	17,428	17,428
10/16/2021	16,199	14,696	14,696
10/17/2021	23,952	27,145	27,145
10/18/2021	34,310	35,677	35,677
10/19/2021	33,943	33,725	33,725
10/20/2021	25,719	25,501	25,501
10/21/2021	23,919	21,168	21,168
10/22/2021	26,319	25,082	25,082
10/23/2021	33,030	34,874	34,874
10/24/2021	33,448	36,401	36,401
10/25/2021	41,762	41,228	41,228
10/26/2021	40,393	37,668	37,668
10/27/2021	43,384	41,586	41,586
10/28/2021	51,048	50,411	50,411
10/29/2021	42,750	42,065	42,065
10/30/2021	30,141	29,838	29,838
10/31/2021	29,859	26,864	26,864
11/1/2021	42,090	45,978	45,978
11/2/2021	49,174	48,387	48,387
11/3/2021	59,195	59,108	59,108
11/4/2021	59,553	61,238	61,238
11/5/2021	62,289	62,342	62,342
11/6/2021	59,596	59,154	59,154
11/7/2021	55,361	55,813	55,813
11/8/2021	49,996	51,631	51,631
11/9/2021	35,139	36,436	36,436
11/10/2021	52,872	50,595	50,595
11/11/2021	44,987	42,797	42,797
11/12/2021	42,254	44,925	44,925
11/13/2021	44,032	44,394	44,394
11/14/2021	50,584	51,262	51,262
11/15/2021	62,315	59,781	59,781
11/16/2021	68,922	66,558	66,558
11/17/2021	59,846	57,248	57,248
11/18/2021	39,508	44,156	44,156
11/19/2021	64,798	58,148	58,148
11/20/2021	59,053	59,891	59,891
11/21/2021	48,955	49,629	49,629
11/22/2021	65,187	60,721	60,721
11/23/2021	86,303	80,446	80,446
11/24/2021	75,323	79,334	79,334
11/25/2021	50,398	54,597	54,597
11/26/2021	64,190	62,642	62,642
11/27/2021	81,785	78,048	78,048
11/28/2021	75,530	75,194	75,194
11/29/2021	85,290	83,186	83,186
11/30/2021	77,517	75,580	75,580

12/1/2021	72,826	72,691	72,691
12/2/2021	64,596	64,518	64,518
12/3/2021	80,748	76,804	76,804
12/4/2021	71,505	72,819	72,819
12/5/2021	67,730	65,135	65,135
12/6/2021	59,880	58,574	58,574
12/7/2021	78,097	77,523	77,523
12/8/2021	88,213	89,477	89,477
12/9/2021	88,031	86,952	86,952
12/10/2021	82,086	80,791	80,791
12/11/2021	61,199	57,973	57,973
12/12/2021	67,954	63,884	63,884
12/13/2021	63,574	60,663	60,663
12/14/2021	72,166	71,844	71,844
12/15/2021	67,036	67,970	67,970
12/16/2021	50,487	50,037	50,037
12/17/2021	54,923	54,664	54,664
12/18/2021	71,312	72,801	72,801
12/19/2021	94,056	95,627	95,627
12/20/2021	92,600	93,293	93,293
12/21/2021	79,289	81,623	81,623
12/22/2021	85,224	78,896	78,896
12/23/2021	99,351	101,230	101,230
12/24/2021	88,098	87,917	87,917
12/25/2021	73,552	76,213	76,213
12/26/2021	81,467	78,161	78,161
12/27/2021	82,392	84,850	84,850
12/28/2021	72,336	72,933	72,933
12/29/2021	71,309	71,097	71,097
12/30/2021	68,210	71,554	71,554
12/31/2021	60,934	60,820	60,820
1/1/2022	58,241	62,229	62,229
1/2/2022	78,723	76,607	76,607
1/3/2022	110,762	109,784	109,784
1/4/2022	97,555	95,642	95,642
1/5/2022	80,852	81,348	81,348
1/6/2022	82,739	83,767	83,767
1/7/2022	98,044	98,609	98,609
1/8/2022	101,350	102,911	102,911
1/9/2022	84,461	80,559	80,559
1/10/2022	110,808	116,410	116,410
1/11/2022	140,053	141,317	141,317
1/12/2022	99,013	92,424	92,424
1/13/2022	84,673	86,821	86,821
1/14/2022	115,197	108,701	108,701
1/15/2022	142,756	145,341	145,341
1/16/2022	106,808	101,562	101,562
1/17/2022	84,334	84,811	84,811
1/18/2022	114,922	109,432	109,432

1/19/2022	82,694	78,581	78,581
1/20/2022	112,119	115,268	115,268
1/21/2022	130,997	130,331	130,331
1/22/2022	117,162	115,035	115,035
1/23/2022	99,901	98,091	98,091
1/24/2022	95,665	97,863	97,863
1/25/2022	98,811	97,469	97,469
1/26/2022	129,591	132,080	132,080
1/27/2022	114,713	107,862	107,862
1/28/2022	96,935	97,591	97,591
1/29/2022	124,729	121,773	121,773
1/30/2022	126,873	133,321	133,321
1/31/2022	118,473	122,823	122,823
2/1/2022	97,096	93,099	93,099
2/2/2022	73,804	73,483	73,483
2/3/2022	68,360	68,684	68,684
2/4/2022	98,883	95,601	95,601
2/5/2022	118,828	117,172	117,172
2/6/2022	111,671	109,610	109,610
2/7/2022	89,970	87,899	87,899
2/8/2022	81,538	81,032	81,032
2/9/2022	77,473	79,275	79,275
2/10/2022	73,102	72,936	72,936
2/11/2022	56,848	54,767	54,767
2/12/2022	62,971	61,566	61,566
2/13/2022	94,673	94,645	94,645
2/14/2022	121,103	121,731	121,731
2/15/2022	114,064	113,554	113,554
2/16/2022	75,745	69,411	69,411
2/17/2022	41,176	47,555	47,555
2/18/2022	89,251	83,508	83,508
2/19/2022	103,025	98,266	98,266
2/20/2022	90,622	89,420	89,420
2/21/2022	68,014	68,537	68,537
2/22/2022	56,457	53,588	53,588
2/23/2022	71,305	72,035	72,035
2/24/2022	99,857	98,401	98,401
2/25/2022	107,959	112,979	112,979
2/26/2022	92,019	95,141	95,141
2/27/2022	94,329	93,590	93,590
2/28/2022	113,586	116,741	116,741
3/1/2022	80,680	81,247	81,247
3/2/2022	76,777	77,685	77,685
3/3/2022	93,182	100,731	100,731
3/4/2022	87,829	89,899	89,899
3/5/2022	66,416	65,694	65,694
3/6/2022	43,884	41,256	41,256
3/7/2022	58,612	53,797	53,797
3/8/2022	77,180	73,497	73,497

3/9/2022	81,929	84,794	84,794
3/10/2022	68,477	70,196	70,196
3/11/2022	56,330	55,969	55,969
3/12/2022	81,926	81,084	81,084
3/13/2022	78,555	80,341	80,341
3/14/2022	65,382	60,519	60,519
3/15/2022	54,677	57,794	57,794
3/16/2022	47,741	50,387	50,387
3/17/2022	40,682	43,355	43,355
3/18/2022	28,041	31,564	31,564
3/19/2022	46,166	44,213	44,213
3/20/2022	44,135	45,408	45,408
3/21/2022	54,535	52,699	52,699
3/22/2022	64,242	61,994	61,994
3/23/2022	55,384	60,075	60,075
3/24/2022	63,360	61,435	61,435
3/25/2022	41,164	45,684	45,684
3/26/2022	48,250	44,824	44,824
3/27/2022	63,028	67,385	67,385
3/28/2022	87,102	94,590	94,590
3/29/2022	81,975	78,226	78,226
3/30/2022	62,021	62,572	62,572
3/31/2022	43,709	41,631	41,631
4/1/2022	52,261	46,995	46,995
4/2/2022	55,962	52,160	52,160
4/3/2022	53,256	54,871	54,871
4/4/2022	49,806	50,081	50,081
4/5/2022	43,683	43,774	43,774
4/6/2022	50,704	49,266	49,266
4/7/2022	52,811	49,283	49,283
4/8/2022	45,073	46,089	46,089
4/9/2022	51,573	48,496	48,496
4/10/2022	53,657	50,744	50,744
4/11/2022	38,266	41,483	41,483
4/12/2022	37,875	35,884	35,884
4/13/2022	37,233	36,649	36,649
4/14/2022	46,617	46,719	46,719
4/15/2022	29,704	30,066	30,066
4/16/2022	37,927	37,826	37,826
4/17/2022	52,903	51,609	51,609
4/18/2022	45,934	47,627	47,627
4/19/2022	51,597	48,908	48,908
4/20/2022	52,836	52,160	52,160
4/21/2022	38,555	38,592	38,592
4/22/2022	37,362	35,606	35,606
4/23/2022	33,004	33,844	33,844
4/24/2022	38,061	39,437	39,437
4/25/2022	35,055	37,768	37,768
4/26/2022	36,426	36,077	36,077

4/27/2022	52,183	48,305	48,305
4/28/2022	54,756	52,551	52,551
4/29/2022	47,374	45,945	45,945
4/30/2022	33,981	38,271	38,271
5/1/2022	28,220	27,205	27,205
5/2/2022	37,414	36,762	36,762
5/3/2022	35,624	35,990	35,990
5/4/2022	39,590	36,098	36,098
5/5/2022	32,130	31,110	31,110
5/6/2022	28,654	27,483	27,483
5/7/2022	35,350	34,005	34,005
5/8/2022	39,268	39,150	39,150
5/9/2022	37,166	36,022	36,022
5/10/2022	33,996	33,723	33,723
5/11/2022	26,721	25,725	25,725
5/12/2022	23,319	21,219	21,219
5/13/2022	18,556	17,754	17,754
5/14/2022	14,974	14,413	14,413
5/15/2022	17,744	16,737	16,737
5/16/2022	21,368	20,008	20,008
5/17/2022	24,446	23,732	23,732
5/18/2022	25,377	24,571	24,571
5/19/2022	28,386	29,861	29,861
5/20/2022	20,990	21,431	21,431
5/21/2022	15,010	14,643	14,643
5/22/2022	17,412	16,340	16,340
5/23/2022	22,977	21,143	21,143
5/24/2022	24,176	25,916	25,916
5/25/2022	22,221	20,348	20,348
5/26/2022	20,063	20,039	20,039
5/27/2022	16,144	16,661	16,661
5/28/2022	15,683	13,221	13,221
5/29/2022	14,485	17,020	17,020
5/30/2022	16,058	15,314	15,314
5/31/2022	20,213	21,588	21,588
6/1/2022	23,035	28,040	28,040
6/2/2022	22,673	24,571	24,571
6/3/2022	20,499	21,858	21,858
6/4/2022	16,215	13,726	13,726
6/5/2022	19,404	16,023	16,023
6/6/2022	20,464	19,825	19,825
6/7/2022	19,046	19,224	19,224
6/8/2022	19,163	19,032	19,032
6/9/2022	20,511	19,317	19,317
6/10/2022	18,169	16,927	16,927
6/11/2022	15,031	14,198	14,198
6/12/2022	16,535	16,606	16,606
6/13/2022	19,870	19,339	19,339
6/14/2022	20,045	19,511	19,511

6/15/2022	20,615	19,551	19,551
6/16/2022	20,410	19,693	19,693
6/17/2022	16,682	16,822	16,822
6/18/2022	16,704	21,228	21,228
6/19/2022	20,737	22,919	22,919
6/20/2022	21,878	16,703	16,703
6/21/2022	20,224	20,924	20,924
6/22/2022	20,951	18,851	18,851
6/23/2022	20,094	19,378	19,378
6/24/2022	17,578	16,955	16,955
6/25/2022	13,358	14,019	14,019
6/26/2022	14,584	16,059	16,059
6/27/2022	18,903	18,447	18,447
6/28/2022	19,578	19,029	19,029
6/29/2022	19,937	19,177	19,177
6/30/2022	19,018	19,199	19,199
7/1/2022	14,504	16,117	16,117
7/2/2022	12,627	12,656	12,656
7/3/2022	12,417	15,637	15,637
7/4/2022	14,550	14,342	14,342
7/5/2022	16,751	18,149	18,149
7/6/2022	17,673	17,872	17,872
7/7/2022	17,136	17,992	17,992
7/8/2022	14,881	15,165	15,165
7/9/2022	13,381	12,532	12,532
7/10/2022	15,825	15,735	15,735
7/11/2022	17,797	18,686	18,686
7/12/2022	19,065	18,273	18,273
7/13/2022	18,383	18,956	18,956
7/14/2022	19,622	18,649	18,649
7/15/2022	15,976	16,268	16,268
7/16/2022	12,969	13,244	13,244
7/17/2022	15,140	15,628	15,628
7/18/2022	17,450	18,641	18,641
7/19/2022	18,771	18,233	18,233
7/20/2022	18,169	18,786	18,786
7/21/2022	17,890	18,485	18,485
7/22/2022	15,192	15,478	15,478
7/23/2022	12,863	12,873	12,873
7/24/2022	13,780	15,560	15,560
7/25/2022	18,602	17,872	17,872
7/26/2022	19,949	18,655	18,655
7/27/2022	19,870	19,288	19,288
7/28/2022	18,612	19,088	19,088
7/29/2022	15,498	15,910	15,910
7/30/2022	12,874	13,126	13,126
7/31/2022	15,143	15,738	15,738
8/1/2022	18,376	18,539	18,539
8/2/2022	18,224	18,588	18,588

8/3/2022	18,528	18,538	18,538
8/4/2022	17,191	18,642	18,642
8/5/2022	14,256	15,268	15,268
8/6/2022	11,580	12,410	12,410
8/7/2022	14,274	15,038	15,038
8/8/2022	16,473	18,016	18,016
8/9/2022	17,515	17,632	17,632
8/10/2022	18,554	18,098	18,098
8/11/2022	18,470	18,565	18,565
8/12/2022	16,159	15,631	15,631
8/13/2022	12,982	13,166	13,166
8/14/2022	15,979	15,651	15,651
8/15/2022	19,211	18,889	18,889
8/16/2022	18,935	19,019	19,019
8/17/2022	17,906	18,859	18,859
8/18/2022	19,648	18,456	18,456
8/19/2022	16,089	16,423	16,423
8/20/2022	12,706	13,280	13,280
8/21/2022	15,472	15,465	15,465
8/22/2022	17,600	18,788	18,788
8/23/2022	18,311	18,310	18,310
8/24/2022	18,735	18,559	18,559
8/25/2022	18,911	18,766	18,766
8/26/2022	15,893	15,938	15,938
8/27/2022	13,368	13,131	13,131
8/28/2022	16,106	15,837	15,837
8/29/2022	18,511	18,989	18,989
8/30/2022	17,761	18,687	18,687
8/31/2022	19,815	18,387	18,387
9/1/2022	20,272	20,143	20,143
9/2/2022	16,478	17,375	17,375
9/3/2022	12,980	13,178	13,178
9/4/2022	12,489	15,691	15,691
9/5/2022	15,580	17,006	17,006
9/6/2022	19,691	20,089	20,089
9/7/2022	20,789	20,487	20,487
9/8/2022	20,487	20,671	20,671
9/9/2022	16,588	16,095	16,095
9/10/2022	13,884	13,140	13,140
9/11/2022	16,094	15,972	15,972
9/12/2022	17,455	18,902	18,902
9/13/2022	19,212	18,229	18,229
9/14/2022	21,365	19,060	19,060
9/15/2022	22,923	28,634	28,634
9/16/2022	20,404	22,912	22,912
9/17/2022	15,593	14,562	14,562
9/18/2022	16,399	16,320	16,320
9/19/2022	20,188	23,906	23,906
9/20/2022	22,582	23,698	23,698

9/21/2022	20,316	20,107	20,107
9/22/2022	23,474	27,522	27,522
9/23/2022	27,956	29,415	29,415
9/24/2022	21,435	25,083	25,083
9/25/2022	20,080	19,308	19,308
9/26/2022	22,097	20,691	20,691
9/27/2022	22,929	23,741	23,741
9/28/2022	24,802	24,765	24,765
9/29/2022	30,390	33,443	33,443
9/30/2022	27,504	31,673	31,673
10/1/2022	24,257	24,741	24,741
10/2/2022	33,463	36,255	36,255
10/3/2022	37,934	37,685	37,685
10/4/2022	30,830	31,192	31,192
10/5/2022	27,456	26,604	26,604
10/6/2022	25,329	24,034	24,034
10/7/2022	22,690	20,234	20,234
10/8/2022	30,526	35,005	35,005
10/9/2022	30,663	33,904	33,904
10/10/2022	39,752	38,450	38,450
10/11/2022	37,630	39,112	39,112
10/12/2022	28,211	25,353	25,353
10/13/2022	23,991	21,640	21,640
10/14/2022	26,840	28,488	28,488
10/15/2022	24,753	26,862	26,862
10/16/2022	29,861	31,860	31,860
10/17/2022	33,409	31,859	31,859
10/18/2022	38,935	40,954	40,954
10/19/2022	47,743	44,212	44,212
10/20/2022	48,306	47,009	47,009
10/21/2022	42,336	43,111	43,111
10/22/2022	31,100	31,311	31,311
10/23/2022	31,359	28,934	28,934
10/24/2022	30,037	28,854	28,854
10/25/2022	25,176	22,980	22,980
10/26/2022	24,740	22,594	22,594
10/27/2022	39,143	38,344	38,344
10/28/2022	48,829	50,471	50,471
10/29/2022	43,365	46,508	46,508
10/30/2022	41,091	40,767	40,767
10/31/2022	30,773	30,340	30,340
11/1/2022	30,496	34,967	34,967
11/2/2022	39,488	40,750	40,750
11/3/2022	38,155	39,720	39,720
11/4/2022	25,647	26,355	26,355
11/5/2022	17,154	18,908	18,908
11/6/2022	17,890	19,953	19,953
11/7/2022	29,379	29,149	29,149
11/8/2022	53,107	54,060	54,060

11/9/2022	53,751	54,468	54,468
11/10/2022	34,104	38,161	38,161
11/11/2022	20,233	19,684	19,684
11/12/2022	20,422	23,916	23,916
11/13/2022	48,392	47,995	47,995
11/14/2022	72,545	73,640	73,640
11/15/2022	65,707	67,082	67,082
11/16/2022	66,032	64,020	64,020
11/17/2022	72,793	71,670	71,670
11/18/2022	70,890	70,152	70,152
11/19/2022	68,658	71,030	71,030
11/20/2022	87,126	82,369	82,369
11/21/2022	78,599	76,786	76,786
11/22/2022	67,950	69,972	69,972
11/23/2022	68,627	71,740	71,740
11/24/2022	60,718	61,918	61,918
11/25/2022	57,149	54,042	54,042
11/26/2022	53,347	54,299	54,299
11/27/2022	47,958	47,186	47,186
11/28/2022	63,696	62,233	62,233
11/29/2022	74,015	71,959	71,959
11/30/2022	62,734	61,131	61,131
12/1/2022	77,950	76,450	76,450
12/2/2022	62,337	64,151	64,151
12/3/2022	50,942	49,936	49,936
12/4/2022	76,559	78,695	78,695
12/5/2022	66,634	67,726	67,726
12/6/2022	46,823	50,055	50,055
12/7/2022	42,067	44,275	44,275
12/8/2022	64,950	63,146	63,146
12/9/2022	73,236	70,853	70,853
12/10/2022	78,562	81,340	81,340
12/11/2022	90,523	91,674	91,674
12/12/2022	90,626	92,438	92,438
12/13/2022	88,932	88,290	88,290
12/14/2022	86,361	80,863	80,863
12/15/2022	71,188	73,435	73,435
12/16/2022	73,258	71,676	71,676
12/17/2022	69,977	72,054	72,054
12/18/2022	79,793	76,178	76,178
12/19/2022	83,277	81,212	81,212
12/20/2022	86,874	88,857	88,857
12/21/2022	88,534	88,000	88,000
12/22/2022	70,860	66,707	66,707
12/23/2022	77,785	84,497	84,497
12/24/2022	112,282	112,279	112,279
12/25/2022	101,608	105,056	105,056
12/26/2022	91,904	89,106	89,106
12/27/2022	94,912	97,328	97,328

12/28/2022	86,729	82,936	82,936
12/29/2022	72,788	74,335	74,335
12/30/2022	50,171	48,391	48,391
12/31/2022	41,390	40,880	40,880
1/1/2023	57,067	61,815	61,815
1/2/2023	69,218	70,804	70,804
1/3/2023	72,891	73,052	73,052
1/4/2023	61,053	65,606	65,606
1/5/2023	73,849	73,389	73,389
1/6/2023	76,195	77,081	77,081
1/7/2023	79,275	77,251	77,251
1/8/2023	86,854	84,875	84,875
1/9/2023	78,673	80,224	80,224
1/10/2023	92,774	92,521	92,521
1/11/2023	90,699	91,131	91,131
1/12/2023	79,774	76,774	76,774
1/13/2023	66,387	67,991	67,991
1/14/2023	81,599	76,086	76,086
1/15/2023	81,738	79,567	79,567
1/16/2023	87,124	83,032	83,032
1/17/2023	65,989	73,411	73,411
1/18/2023	66,481	63,994	63,994
1/19/2023	75,284	76,729	76,729
1/20/2023	79,859	82,415	82,415
1/21/2023	85,959	86,959	86,959
1/22/2023	82,492	80,036	80,036
1/23/2023	87,087	85,015	85,015
1/24/2023	81,282	81,711	81,711
1/25/2023	80,509	76,793	76,793
1/26/2023	81,224	79,622	79,622
1/27/2023	79,881	82,269	82,269
1/28/2023	72,428	73,079	73,079
1/29/2023	69,327	65,363	65,363
1/30/2023	70,760	73,435	73,435
1/31/2023	97,306	99,482	99,482
2/1/2023	99,730	100,640	100,640
2/2/2023	96,262	91,986	91,986
2/3/2023	161,380	166,315	166,315
2/4/2023	126,712	121,973	121,973
2/5/2023	82,433	80,233	80,233
2/6/2023	83,905	83,791	83,791
2/7/2023	83,580	82,298	82,298
2/8/2023	76,642	77,882	77,882
2/9/2023	70,397	71,275	71,275
2/10/2023	61,817	60,930	60,930
2/11/2023	73,005	70,336	70,336
2/12/2023	68,107	72,309	72,309
2/13/2023	67,169	70,946	70,946
2/14/2023	70,355	73,058	73,058

2/15/2023	53,649	51,802	51,802
2/16/2023	46,283	50,553	50,553
2/17/2023	79,153	72,789	72,789
2/18/2023	79,549	78,720	78,720
2/19/2023	66,989	70,009	70,009
2/20/2023	61,533	59,601	59,601
2/21/2023	77,916	79,547	79,547
2/22/2023	79,149	81,219	81,219
2/23/2023	95,633	96,085	96,085
2/24/2023	109,294	110,976	110,976
2/25/2023	114,053	116,988	116,988
2/26/2023	104,390	105,810	105,810
2/27/2023	88,593	93,233	93,233
2/28/2023	84,630	82,883	82,883
3/1/2023	74,317	72,565	72,565
3/2/2023	76,427	70,553	70,553
3/3/2023	69,447	69,151	69,151
3/4/2023	76,549	73,945	73,945
3/5/2023	71,759	68,245	68,245
3/6/2023	76,050	72,818	72,818
3/7/2023	87,831	83,343	83,343
3/8/2023	72,584	73,544	73,544
3/9/2023	69,097	71,707	71,707
3/10/2023	58,377	60,881	60,881
3/11/2023	67,193	66,423	66,423
3/12/2023	61,402	64,467	64,467
3/13/2023	70,381	66,676	66,676
3/14/2023	80,589	73,839	73,839
3/15/2023	77,704	73,843	73,843
3/16/2023	67,373	68,115	68,115
3/17/2023	57,385	59,565	59,565
3/18/2023	59,300	59,895	59,895
3/19/2023	83,470	77,272	77,272
3/20/2023	68,897	73,066	73,066
3/21/2023	55,698	55,730	55,730
3/22/2023	49,272	54,783	54,783
3/23/2023	51,981	48,892	48,892
3/24/2023	60,560	60,844	60,844
3/25/2023	65,139	59,935	59,935
3/26/2023	57,038	59,984	59,984
3/27/2023	50,781	54,267	54,267
3/28/2023	67,944	65,524	65,524
3/29/2023	58,863	62,349	62,349
3/30/2023	77,763	74,245	74,245
3/31/2023	59,451	63,701	63,701
4/1/2023	49,039	45,174	45,174
4/2/2023	67,574	65,130	65,130
4/3/2023	46,678	49,193	49,193
4/4/2023	43,004	42,037	42,037

4/5/2023	63,264	59,119	59,119
4/6/2023	42,686	44,751	44,751
4/7/2023	56,360	51,376	51,376
4/8/2023	56,686	59,322	59,322
4/9/2023	50,776	53,868	53,868
4/10/2023	39,277	40,915	40,915
4/11/2023	26,641	26,250	26,250
4/12/2023	28,419	28,393	28,393
4/13/2023	20,488	23,686	23,686
4/14/2023	20,091	18,085	18,085
4/15/2023	18,128	22,328	22,328
4/16/2023	22,733	27,825	27,825
4/17/2023	36,100	37,633	37,633
4/18/2023	40,571	42,015	42,015
4/19/2023	49,142	48,257	48,257
4/20/2023	39,110	42,190	42,190
4/21/2023	34,038	38,040	38,040
4/22/2023	35,439	37,019	37,019
4/23/2023	45,191	42,499	42,499
4/24/2023	39,766	43,934	43,934
4/25/2023	39,137	40,815	40,815
4/26/2023	39,179	42,163	42,163
4/27/2023	37,299	39,949	39,949
4/28/2023	29,696	31,568	31,568
4/29/2023	33,227	33,782	33,782
4/30/2023	35,679	34,338	34,338
5/1/2023	34,505	34,419	34,419
5/2/2023	37,164	37,925	37,925
5/3/2023	44,274	42,502	42,502
5/4/2023	44,095	42,087	42,087
5/5/2023	32,191	32,227	32,227
5/6/2023	20,342	18,903	18,903
5/7/2023	19,908	17,749	17,749
5/8/2023	29,145	27,022	27,022
5/9/2023	33,028	35,759	35,759
5/10/2023	27,237	25,182	25,182
5/11/2023	23,744	21,508	21,508
5/12/2023	19,264	18,027	18,027
5/13/2023	17,745	16,186	16,186
5/14/2023	24,428	27,514	27,514
5/15/2023	22,952	21,329	21,329
5/16/2023	24,002	21,114	21,114
5/17/2023	39,284	45,027	45,027
5/18/2023	30,782	31,530	31,530
5/19/2023	22,192	21,358	21,358
5/20/2023	17,495	15,750	15,750
5/21/2023	19,630	17,593	17,593
5/22/2023	25,276	27,602	27,602
5/23/2023	25,537	26,980	26,980

5/24/2023	26,657	26,042	26,042
5/25/2023	28,934	30,904	30,904
5/26/2023	21,709	22,748	22,748
5/27/2023	15,393	14,147	14,147
5/28/2023	13,272	16,157	16,157
5/29/2023	19,628	20,917	20,917
5/30/2023	22,829	22,027	22,027
5/31/2023	20,915	19,854	19,854
6/1/2023	19,130	19,097	19,097
6/2/2023	17,415	15,810	15,810
6/3/2023	20,849	24,370	24,370
6/4/2023	24,388	32,021	32,021
6/5/2023	25,272	25,996	25,996
6/6/2023	22,637	20,532	20,532
6/7/2023	24,914	26,916	26,916
6/8/2023	24,166	27,921	27,921
6/9/2023	20,764	23,658	23,658
6/10/2023	17,087	18,984	18,984
6/11/2023	16,770	15,781	15,781
6/12/2023	19,404	18,124	18,124
6/13/2023	21,388	20,061	20,061
6/14/2023	21,382	19,313	19,313
6/15/2023	19,746	19,710	19,710
6/16/2023	16,739	16,399	16,399
6/17/2023	15,515	17,187	17,187
6/18/2023	16,915	16,547	16,547
6/19/2023	20,577	16,956	16,956
6/20/2023	21,605	21,652	21,652
6/21/2023	21,656	23,314	23,314
6/22/2023	20,748	19,546	19,546
6/23/2023	16,097	16,968	16,968
6/24/2023	13,024	13,341	13,341
6/25/2023	15,101	15,590	15,590
6/26/2023	18,479	18,620	18,620
6/27/2023	19,103	18,670	18,670
6/28/2023	19,541	18,936	18,936
6/29/2023	19,885	19,079	19,079
6/30/2023	15,544	16,452	16,452
7/1/2023	12,669	13,060	13,060
7/2/2023	13,973	15,615	15,615
7/3/2023	12,808	18,160	18,160
7/4/2023	14,885	13,116	13,116
7/5/2023	18,535	18,392	18,392
7/6/2023	18,260	18,526	18,526
7/7/2023	15,380	15,166	15,166
7/8/2023	12,009	12,870	12,870
7/9/2023	13,220	15,225	15,225
7/10/2023	17,388	17,666	17,666
7/11/2023	19,317	18,145	18,145

7/12/2023	19,655	18,926	18,926
7/13/2023	18,350	18,937	18,937
7/14/2023	15,381	15,672	15,672
7/15/2023	12,160	13,011	13,011
7/16/2023	15,337	15,405	15,405
7/17/2023	18,665	18,597	18,597
7/18/2023	19,126	18,702	18,702
7/19/2023	20,148	18,858	18,858
7/20/2023	19,077	19,368	19,368
7/21/2023	15,932	16,119	16,119
7/22/2023	12,806	13,232	13,232
7/23/2023	15,792	15,737	15,737
7/24/2023	19,078	18,869	18,869
7/25/2023	18,737	18,938	18,938
7/26/2023	18,428	18,755	18,755
7/27/2023	18,125	18,665	18,665
7/28/2023	14,920	15,746	15,746
7/29/2023	12,609	12,751	12,751
7/30/2023	15,314	15,476	15,476
7/31/2023	18,361	18,564	18,564
8/1/2023	19,401	18,522	18,522
8/2/2023	19,925	19,024	19,024
8/3/2023	18,667	19,268	19,268
8/4/2023	15,473	15,909	15,909
8/5/2023	12,503	13,059	13,059
8/6/2023	14,065	15,582	15,582
8/7/2023	16,419	18,075	18,075
8/8/2023	17,290	17,733	17,733
8/9/2023	17,789	18,094	18,094
8/10/2023	17,048	18,211	18,211
8/11/2023	14,919	15,006	15,006
8/12/2023	11,902	12,603	12,603
8/13/2023	15,500	15,103	15,103
8/14/2023	17,814	18,536	18,536
8/15/2023	18,890	18,284	18,284
8/16/2023	19,601	18,729	18,729
8/17/2023	18,771	19,146	19,146
8/18/2023	16,361	15,899	15,899
8/19/2023	13,952	13,394	13,394
8/20/2023	15,623	16,180	16,180
8/21/2023	19,252	18,765	18,765
8/22/2023	19,497	19,057	19,057
8/23/2023	20,012	19,203	19,203
8/24/2023	17,884	19,338	19,338
8/25/2023	15,501	15,659	15,659
8/26/2023	12,594	13,081	13,081
8/27/2023	15,763	15,630	15,630
8/28/2023	18,823	18,735	18,735
8/29/2023	17,827	18,783	18,783

8/30/2023	18,574	18,337	18,337
8/31/2023	20,127	20,439	20,439
9/1/2023	16,464	18,113	18,113
9/2/2023	12,927	13,012	13,012
9/3/2023	12,169	15,454	15,454
9/4/2023	14,612	14,122	14,122
9/5/2023	17,584	18,145	18,145
9/6/2023	18,354	18,197	18,197
9/7/2023	17,388	18,252	18,252
9/8/2023	15,312	15,281	15,281
9/9/2023	12,406	12,804	12,804
9/10/2023	14,580	15,380	15,380
9/11/2023	18,283	18,170	18,170
9/12/2023	18,291	18,528	18,528
9/13/2023	18,891	18,520	18,520
9/14/2023	21,027	18,743	18,743
9/15/2023	17,515	17,771	17,771
9/16/2023	14,499	14,587	14,587
9/17/2023	14,848	16,193	16,193
9/18/2023	18,443	19,411	19,411
9/19/2023	20,485	18,621	18,621
9/20/2023	21,507	22,128	22,128
9/21/2023	21,566	23,089	23,089
9/22/2023	18,695	22,987	22,987
9/23/2023	17,340	20,890	20,890
9/24/2023	19,060	20,462	20,462
9/25/2023	23,369	25,367	25,367
9/26/2023	27,211	28,644	28,644
9/27/2023	27,606	29,633	29,633
9/28/2023	25,661	27,554	27,554
9/29/2023	24,985	25,307	25,307
9/30/2023	18,300	20,243	20,243
10/1/2023	17,681	16,070	16,070
10/2/2023	22,922	24,150	24,150
10/3/2023	20,794	19,478	19,478
10/4/2023	20,742	18,975	18,975
10/5/2023	20,686	19,491	19,491
10/6/2023	17,779	16,657	16,657
10/7/2023	16,391	17,584	17,584
10/8/2023	22,887	27,798	27,798
10/9/2023	30,212	30,401	30,401
10/10/2023	32,040	36,846	36,846
10/11/2023	28,824	29,669	29,669
10/12/2023	30,208	29,978	29,978
10/13/2023	31,000	32,883	32,883
10/14/2023	26,193	27,981	27,981
10/15/2023	28,447	28,940	28,940
10/16/2023	33,519	33,456	33,456
10/17/2023	30,290	31,784	31,784

10/18/2023	32,257	30,720	30,720
10/19/2023	29,173	29,603	29,603
10/20/2023	24,011	22,963	22,963
10/21/2023	23,482	23,815	23,815
10/22/2023	33,545	34,260	34,260
10/23/2023	41,815	42,856	42,856
10/24/2023	39,842	38,652	38,652
10/25/2023	26,608	24,851	24,851
10/26/2023	24,508	22,440	22,440
10/27/2023	20,561	17,745	17,745
10/28/2023	18,349	15,975	15,975
10/29/2023	35,027	37,836	37,836
10/30/2023	48,236	47,820	47,820
10/31/2023	54,023	53,225	53,225
11/1/2023	63,662	66,451	66,451
11/2/2023	65,010	65,806	65,806
11/3/2023	46,526	45,902	45,902
11/4/2023	40,170	41,883	41,883
11/5/2023	46,348	47,079	47,079
11/6/2023	49,709	48,291	48,291
11/7/2023	44,543	45,136	45,136
11/8/2023	65,253	64,053	64,053
11/9/2023	70,099	69,973	69,973
11/10/2023	58,511	58,633	58,633
11/11/2023	63,479	67,654	67,654
11/12/2023	76,069	77,176	77,176
11/13/2023	70,858	69,792	69,792
11/14/2023	68,194	67,585	67,585
11/15/2023	63,820	61,990	61,990
11/16/2023	57,221	60,180	60,180
11/17/2023	34,789	33,906	33,906
11/18/2023	59,702	58,549	58,549
11/19/2023	62,709	60,610	60,610
11/20/2023	85,416	83,363	83,363
11/21/2023	73,906	72,200	72,200
11/22/2023	61,459	62,793	62,793
11/23/2023	50,582	56,870	56,870
11/24/2023	72,240	70,269	70,269
11/25/2023	78,163	78,734	78,734
11/26/2023	58,692	57,220	57,220
11/27/2023	66,649	64,093	64,093
11/28/2023	85,772	79,539	79,539
11/29/2023	90,926	87,873	87,873
11/30/2023	69,011	66,303	66,303
12/1/2023	51,114	55,303	55,303
12/2/2023	47,837	52,029	52,029
12/3/2023	64,609	63,167	63,167
12/4/2023	66,268	69,898	69,898
12/5/2023	81,122	80,331	80,331

12/6/2023	94,699	94,639	94,639
12/7/2023	97,627	99,199	99,199
12/8/2023	73,488	75,334	75,334
12/9/2023	50,959	52,110	52,110
12/10/2023	44,406	43,324	43,324
12/11/2023	70,510	65,008	65,008
12/12/2023	74,706	72,404	72,404
12/13/2023	84,053	81,831	81,831
12/14/2023	86,158	85,152	85,152
12/15/2023	61,031	64,422	64,422
12/16/2023	59,460	61,341	61,341
12/17/2023	46,647	44,246	44,246
12/18/2023	44,327	48,931	48,931
12/19/2023	70,615	67,000	67,000
12/20/2023	77,774	75,076	75,076
12/21/2023	96,848	95,977	95,977
12/22/2023	92,822	97,136	97,136
12/23/2023	71,861	70,557	70,557
12/24/2023	59,325	64,967	64,967
12/25/2023	54,998	59,223	59,223
12/26/2023	57,562	59,194	59,194
12/27/2023	52,417	54,063	54,063
12/28/2023	57,848	57,137	57,137
12/29/2023	52,571	54,339	54,339
12/30/2023	65,589	61,858	61,858
12/31/2023	74,355	77,270	77,270
1/1/2024	85,953	89,318	89,318
1/2/2024	84,562	83,482	83,482
1/3/2024	73,516	77,322	77,322
1/4/2024	94,814	92,700	92,700
1/5/2024	87,616	84,415	84,415
1/6/2024	83,515	86,101	86,101
1/7/2024	94,289	94,633	94,633
1/8/2024	93,862	101,416	101,416
1/9/2024	80,076	70,157	70,157
1/10/2024	64,560	67,207	67,207
1/11/2024	74,097	72,075	72,075
1/12/2024	63,622	62,889	62,889
1/13/2024	64,409	61,594	61,594
1/14/2024	90,797	89,426	89,426
1/15/2024	96,559	95,190	95,190
1/16/2024	105,431	107,383	107,383
1/17/2024	112,472	113,827	113,827
1/18/2024	110,057	112,346	112,346
1/19/2024	115,424	113,280	113,280
1/20/2024	121,511	119,165	119,165
1/21/2024	114,744	114,180	114,180
1/22/2024	86,828	84,144	84,144
1/23/2024	83,407	82,267	82,267

1/24/2024	82,770	79,804	79,804
1/25/2024	66,974	71,964	71,964
1/26/2024	72,017	69,550	69,550
1/27/2024	66,194	69,175	69,175
1/28/2024	77,148	75,662	75,662
1/29/2024	84,934	83,722	83,722
1/30/2024	96,949	98,513	98,513
1/31/2024	89,463	89,478	89,478
2/1/2024	79,213	79,660	79,660
2/2/2024	77,773	76,947	76,947
2/3/2024	83,779	83,659	83,659
2/4/2024	83,881	83,756	83,756
2/5/2024	85,985	86,487	86,487
2/6/2024	85,837	88,069	88,069
2/7/2024	80,316	83,784	83,784
2/8/2024	73,515	75,326	75,326
2/9/2024	67,229	66,580	66,580
2/10/2024	46,386	47,841	47,841
2/11/2024	64,883	63,972	63,972
2/12/2024	69,237	70,502	70,502
2/13/2024	88,512	84,947	84,947
2/14/2024	101,947	94,781	94,781
2/15/2024	83,308	89,147	89,147
2/16/2024	85,719	86,024	86,024
2/17/2024	94,632	92,476	92,476
2/18/2024	88,709	86,654	86,654
2/19/2024	96,825	96,619	96,619
2/20/2024	93,661	98,139	98,139
2/21/2024	85,401	88,388	88,388
2/22/2024	70,354	73,094	73,094
2/23/2024	67,368	69,362	69,362
2/24/2024	95,391	92,401	92,401
2/25/2024	81,903	83,273	83,273
2/26/2024	63,348	70,042	70,042
2/27/2024	44,150	46,629	46,629
2/28/2024	58,124	55,615	55,615
2/29/2024	100,178	92,909	92,909
3/1/2024	73,792	70,728	70,728
3/2/2024	55,148	54,119	54,119
3/3/2024	38,731	44,194	44,194
3/4/2024	52,200	54,758	54,758
3/5/2024	61,920	59,955	59,955
3/6/2024	48,317	52,664	52,664
3/7/2024	62,202	56,707	56,707
3/8/2024	58,889	63,006	63,006
3/9/2024	59,994	57,463	57,463
3/10/2024	61,670	59,756	59,756
3/11/2024	75,341	65,109	65,109
3/12/2024	60,785	64,161	64,161

	3/13/2024	50,320	56,480	56,480
	3/14/2024	44,027	48,733	48,733
	3/15/2024	55,529	55,419	55,419
	3/16/2024	42,515	45,498	45,498
	3/17/2024	53,353	50,599	50,599
	3/18/2024	62,975	63,713	63,713
	3/19/2024	66,734	65,071	65,071
	3/20/2024	69,307	67,727	67,727
	3/21/2024	88,562	80,928	80,928
	3/22/2024	74,169	77,466	77,466
	3/23/2024	82,383	76,328	76,328
	3/24/2024	76,958	78,580	78,580
	3/25/2024	72,850	72,853	72,853
	3/26/2024	70,778	69,205	69,205
	3/27/2024	47,848	53,452	53,452
	3/28/2024	53,647	52,609	52,609
	3/29/2024	61,773	53,216	53,216
	3/30/2024	47,738	50,709	50,709
	3/31/2024	48,460	52,819	52,819
4-1	4/1/2024		56,994	56,994
4-2	4/2/2024		66,644	66,644
4-3	4/3/2024		61,584	61,584
4-4	4/4/2024		58,675	58,675
4-5	4/5/2024		68,556	68,556
4-6	4/6/2024		59,662	59,662
4-7	4/7/2024		51,518	51,518
4-8	4/8/2024		55,402	55,402
4-9	4/9/2024		51,959	51,959
4-10	4/10/2024		55,027	55,027
4-11	4/11/2024		54,850	54,850
4-12	4/12/2024		51,324	51,324
4-13	4/13/2024		55,215	55,215
4-14	4/14/2024		43,300	43,300
4-15	4/15/2024		47,519	47,519
4-16	4/16/2024		47,711	47,711
4-17	4/17/2024		39,728	39,728
4-18	4/18/2024		33,032	33,032
4-19	4/19/2024		22,156	22,156
4-20	4/20/2024		24,690	24,690
4-21	4/21/2024		37,141	37,141
4-22	4/22/2024		28,221	28,221
4-23	4/23/2024		38,647	38,647
4-24	4/24/2024		40,200	40,200
4-25	4/25/2024		49,923	49,923
4-26	4/26/2024		51,882	51,882
4-27	4/27/2024		32,704	32,704
4-28	4/28/2024		43,309	43,309
4-29	4/29/2024		34,435	34,435
4-30	4/30/2024		25,371	25,371

5-1	5/1/2024	19,251	19,251
5-2	5/2/2024	18,848	18,848
5-3	5/3/2024	16,038	16,038
5-4	5/4/2024	13,249	13,249
5-5	5/5/2024	22,787	22,787
5-6	5/6/2024	40,483	40,483
5-7	5/7/2024	40,505	40,505
5-8	5/8/2024	33,276	33,276
5-9	5/9/2024	26,825	26,825
5-10	5/10/2024	19,223	19,223
5-11	5/11/2024	13,949	13,949
5-12	5/12/2024	15,884	15,884
5-13	5/13/2024	29,101	29,101
5-14	5/14/2024	32,553	32,553
5-15	5/15/2024	35,049	35,049
5-16	5/16/2024	39,841	39,841
5-17	5/17/2024	30,841	30,841
5-18	5/18/2024	29,492	29,492
5-19	5/19/2024	21,506	21,506
5-20	5/20/2024	25,081	25,081
5-21	5/21/2024	27,989	27,989
5-22	5/22/2024	35,758	35,758
5-23	5/23/2024	30,668	30,668
5-24	5/24/2024	25,513	25,513
5-25	5/25/2024	21,594	21,594
5-26	5/26/2024	21,979	21,979
5-27	5/27/2024	27,097	27,097
5-28	5/28/2024	24,907	24,907
5-29	5/29/2024	25,844	25,844
5-30	5/30/2024	33,872	33,872
5-31	5/31/2024	32,528	32,528
6-1	6/1/2024	17,430	17,430
6-2	6/2/2024	21,958	21,958
6-3	6/3/2024	25,930	25,930
6-4	6/4/2024	23,423	23,423
6-5	6/5/2024	33,140	33,140
6-6	6/6/2024	36,921	36,921
6-7	6/7/2024	21,449	21,449
6-8	6/8/2024	14,328	14,328
6-9	6/9/2024	15,855	15,855
6-10	6/10/2024	18,849	18,849
6-11	6/11/2024	18,849	18,849
6-12	6/12/2024	18,849	18,849
6-13	6/13/2024	18,849	18,849
6-14	6/14/2024	16,038	16,038
6-15	6/15/2024	13,249	13,249
6-16	6/16/2024	19,306	19,306
6-17	6/17/2024	19,943	19,943
6-18	6/18/2024	19,078	19,078

6-19	6/19/2024	15,797	15,797
6-20	6/20/2024	18,849	18,849
6-21	6/21/2024	16,038	16,038
6-22	6/22/2024	13,249	13,249
6-23	6/23/2024	15,797	15,797
6-24	6/24/2024	18,849	18,849
6-25	6/25/2024	18,849	18,849
6-26	6/26/2024	18,849	18,849
6-27	6/27/2024	21,436	21,436
6-28	6/28/2024	16,859	16,859
6-29	6/29/2024	13,422	13,422
6-30	6/30/2024	15,797	15,797
7-1	7/1/2024	18,849	18,849
7-2	7/2/2024	18,849	18,849
7-3	7/3/2024	18,849	18,849
7-4	7/4/2024	15,797	15,797
7-5	7/5/2024	16,038	16,038
7-6	7/6/2024	13,249	13,249
7-7	7/7/2024	15,797	15,797
7-8	7/8/2024	18,849	18,849
7-9	7/9/2024	18,849	18,849
7-10	7/10/2024	18,849	18,849
7-11	7/11/2024	18,849	18,849
7-12	7/12/2024	16,038	16,038
7-13	7/13/2024	13,609	13,609
7-14	7/14/2024	16,277	16,277
7-15	7/15/2024	18,993	18,993
7-16	7/16/2024	18,874	18,874
7-17	7/17/2024	18,849	18,849
7-18	7/18/2024	18,849	18,849
7-19	7/19/2024	16,038	16,038
7-20	7/20/2024	13,249	13,249
7-21	7/21/2024	15,797	15,797
7-22	7/22/2024	18,849	18,849
7-23	7/23/2024	18,849	18,849
7-24	7/24/2024	18,849	18,849
7-25	7/25/2024	18,849	18,849
7-26	7/26/2024	16,038	16,038
7-27	7/27/2024	13,249	13,249
7-28	7/28/2024	19,238	19,238
7-29	7/29/2024	19,923	19,923
7-30	7/30/2024	19,074	19,074
7-31	7/31/2024	18,849	18,849
8-1	8/1/2024	18,849	18,849
8-2	8/2/2024	16,038	16,038
8-3	8/3/2024	13,249	13,249
8-4	8/4/2024	15,797	15,797
8-5	8/5/2024	18,849	18,849
8-6	8/6/2024	18,849	18,849

8-7	8/7/2024	20,609	20,609
8-8	8/8/2024	19,416	19,416
8-9	8/9/2024	16,157	16,157
8-10	8/10/2024	13,249	13,249
8-11	8/11/2024	15,797	15,797
8-12	8/12/2024	18,849	18,849
8-13	8/13/2024	18,849	18,849
8-14	8/14/2024	18,849	18,849
8-15	8/15/2024	18,849	18,849
8-16	8/16/2024	18,258	18,258
8-17	8/17/2024	13,959	13,959
8-18	8/18/2024	15,946	15,946
8-19	8/19/2024	18,849	18,849
8-20	8/20/2024	18,849	18,849
8-21	8/21/2024	18,849	18,849
8-22	8/22/2024	21,069	21,069
8-23	8/23/2024	16,747	16,747
8-24	8/24/2024	13,398	13,398
8-25	8/25/2024	15,797	15,797
8-26	8/26/2024	18,849	18,849
8-27	8/27/2024	18,849	18,849
8-28	8/28/2024	18,849	18,849
8-29	8/29/2024	18,849	18,849
8-30	8/30/2024	16,038	16,038
8-31	8/31/2024	13,249	13,249
9-1	9/1/2024	15,797	15,797
9-2	9/2/2024	20,450	20,450
9-3	9/3/2024	27,549	27,549
9-4	9/4/2024	28,018	28,018
9-5	9/5/2024	28,566	28,566
9-6	9/6/2024	23,243	23,243
9-7	9/7/2024	18,779	18,779
9-8	9/8/2024	17,234	17,234
9-9	9/9/2024	19,088	19,088
9-10	9/10/2024	23,501	23,501
9-11	9/11/2024	22,967	22,967
9-12	9/12/2024	20,001	20,001
9-13	9/13/2024	16,217	16,217
9-14	9/14/2024	13,249	13,249
9-15	9/15/2024	16,227	16,227
9-16	9/16/2024	25,195	25,195
9-17	9/17/2024	20,728	20,728
9-18	9/18/2024	22,895	22,895
9-19	9/19/2024	28,370	28,370
9-20	9/20/2024	21,392	21,392
9-21	9/21/2024	14,611	14,611
9-22	9/22/2024	18,203	18,203
9-23	9/23/2024	24,213	24,213
9-24	9/24/2024	20,421	20,421

9-25	9/25/2024	19,147	19,147
9-26	9/26/2024	20,614	20,614
9-27	9/27/2024	18,834	18,834
9-28	9/28/2024	14,080	14,080
9-29	9/29/2024	21,626	21,626
9-30	9/30/2024	31,843	31,843
10-1	10/1/2024	35,323	35,323
10-2	10/2/2024	33,701	33,701
10-3	10/3/2024	26,047	26,047
10-4	10/4/2024	30,734	30,734
10-5	10/5/2024	28,815	28,815
10-6	10/6/2024	25,178	25,178
10-7	10/7/2024	25,575	25,575
10-8	10/8/2024	23,109	23,109
10-9	10/9/2024	36,623	36,623
10-10	10/10/2024	42,639	42,639
10-11	10/11/2024	34,816	34,816
10-12	10/12/2024	26,269	26,269
10-13	10/13/2024	27,448	27,448
10-14	10/14/2024	39,377	39,377
10-15	10/15/2024	45,140	45,140
10-16	10/16/2024	27,646	27,646
10-17	10/17/2024	21,569	21,569
10-18	10/18/2024	21,866	21,866
10-19	10/19/2024	18,408	18,408
10-20	10/20/2024	24,636	24,636
10-21	10/21/2024	22,071	22,071
10-22	10/22/2024	38,856	38,856
10-23	10/23/2024	37,973	37,973
10-24	10/24/2024	41,634	41,634
10-25	10/25/2024	50,755	50,755
10-26	10/26/2024	53,432	53,432
10-27	10/27/2024	46,545	46,545
10-28	10/28/2024	50,648	50,648
10-29	10/29/2024	46,580	46,580
10-30	10/30/2024	45,881	45,881
10-31	10/31/2024	57,518	57,518
11-1	11/1/2024	60,136	57,397
11-2	11/2/2024	58,963	45,490
11-3	11/3/2024	64,135	43,532
11-4	11/4/2024	55,436	55,457
11-5	11/5/2024	48,572	63,550
11-6	11/6/2024	45,855	63,463
11-7	11/7/2024	64,458	58,020
11-8	11/8/2024	71,177	69,698
11-9	11/9/2024	63,278	71,145
11-10	11/10/2024	60,118	102,847
11-11	11/11/2024	59,059	38,846
11-12	11/12/2024	54,522	46,671

11-13	11/13/2024	71,313	69,968
11-14	11/14/2024	43,440	68,648
11-15	11/15/2024	26,182	52,572
11-16	11/16/2024	38,540	63,725
11-17	11/17/2024	53,232	73,129
11-18	11/18/2024	60,342	83,056
11-19	11/19/2024	70,730	74,044
11-20	11/20/2024	67,411	71,825
11-21	11/21/2024	69,414	63,943
11-22	11/22/2024	51,566	64,729
11-23	11/23/2024	58,901	70,345
11-24	11/24/2024	60,799	86,727
11-25	11/25/2024	92,129	90,852
11-26	11/26/2024	83,617	74,398
11-27	11/27/2024	72,962	67,662
11-28	11/28/2024	41,265	68,450
11-29	11/29/2024	53,844	82,259
11-30	11/30/2024	65,105	88,595
12-1	12/1/2024	81,771	77,547
12-2	12/2/2024	86,560	74,662
12-3	12/3/2024	85,008	73,551
12-4	12/4/2024	86,569	78,836
12-5	12/5/2024	83,147	72,551
12-6	12/6/2024	89,157	68,778
12-7	12/7/2024	110,614	84,567
12-8	12/8/2024	80,593	92,030
12-9	12/9/2024	56,669	85,997
12-10	12/10/2024	59,899	98,812
12-11	12/11/2024	84,102	104,853
12-12	12/12/2024	90,122	119,640
12-13	12/13/2024	70,777	125,994
12-14	12/14/2024	53,332	121,947
12-15	12/15/2024	70,130	103,553
12-16	12/16/2024	86,438	127,285
12-17	12/17/2024	88,687	124,683
12-18	12/18/2024	100,799	97,892
12-19	12/19/2024	117,467	84,533
12-20	12/20/2024	108,123	70,566
12-21	12/21/2024	94,336	57,844
12-22	12/22/2024	91,380	77,774
12-23	12/23/2024	63,479	79,904
12-24	12/24/2024	75,794	102,282
12-25	12/25/2024	78,218	111,322
12-26	12/26/2024	80,661	116,176
12-27	12/27/2024	64,534	93,924
12-28	12/28/2024	64,242	76,888
12-29	12/29/2024	70,437	75,348
12-30	12/30/2024	84,761	108,629
12-31	12/31/2024	75,938	115,170

1-1	1/1/2025	76,105	70,126
1-2	1/2/2025	88,104	69,827
1-3	1/3/2025	74,380	90,527
1-4	1/4/2025	68,324	91,603
1-5	1/5/2025	71,846	95,983
1-6	1/6/2025	93,184	110,087
1-7	1/7/2025	99,931	116,148
1-8	1/8/2025	87,682	102,581
1-9	1/9/2025	78,894	96,663
1-10	1/10/2025	92,957	99,183
1-11	1/11/2025	113,948	107,138
1-12	1/12/2025	117,533	101,163
1-13	1/13/2025	116,452	110,912
1-14	1/14/2025	101,258	124,588
1-15	1/15/2025	97,269	133,858
1-16	1/16/2025	96,596	111,281
1-17	1/17/2025	101,774	141,307
1-18	1/18/2025	84,450	115,672
1-19	1/19/2025	100,673	89,313
1-20	1/20/2025	129,336	100,524
1-21	1/21/2025	148,581	141,371
1-22	1/22/2025	115,420	172,988
1-23	1/23/2025	73,361	183,543
1-24	1/24/2025	60,998	115,127
1-25	1/25/2025	81,601	129,130
1-26	1/26/2025	97,961	131,754
1-27	1/27/2025	84,284	110,390
1-28	1/28/2025	107,048	115,229
1-29	1/29/2025	105,819	101,262
1-30	1/30/2025	125,830	110,510
1-31	1/31/2025	134,922	130,435
2-1	2/1/2025	132,451	95,371
2-2	2/2/2025	100,971	88,387
2-3	2/3/2025	88,084	96,409
2-4	2/4/2025	62,527	119,440
2-5	2/5/2025	61,162	133,018
2-6	2/6/2025	77,321	118,736
2-7	2/7/2025	75,650	124,468
2-8	2/8/2025	78,607	111,217
2-9	2/9/2025	95,705	111,572
2-10	2/10/2025	94,809	108,867
2-11	2/11/2025	104,678	113,492
2-12	2/12/2025	101,692	104,560
2-13	2/13/2025	87,658	132,446
2-14	2/14/2025	84,641	114,508
2-15	2/15/2025	72,659	119,256
2-16	2/16/2025	86,766	111,294
2-17	2/17/2025	88,434	94,815
2-18	2/18/2025	108,498	106,632

2-19	2/19/2025	112,955	131,327
2-20	2/20/2025	100,885	94,102
2-21	2/21/2025	74,148	81,301
2-22	2/22/2025	74,581	84,833
2-23	2/23/2025	79,357	97,248
2-24	2/24/2025	75,860	109,046
2-25	2/25/2025	93,384	90,451
2-26	2/26/2025	122,336	87,928
2-27	2/27/2025	123,921	78,547
2-28	2/28/2025	112,371	74,375
3-1	3/1/2025	82,350	89,484
3-2	3/2/2025	81,637	95,247
3-3	3/3/2025	75,157	104,250
3-4	3/4/2025	90,330	107,109
3-5	3/5/2025	100,629	105,368
3-6	3/6/2025	115,310	93,788
3-7	3/7/2025	107,708	94,442
3-8	3/8/2025	87,965	100,501
3-9	3/9/2025	75,281	116,750
3-10	3/10/2025	74,233	120,392
3-11	3/11/2025	68,573	96,770
3-12	3/12/2025	76,146	81,344
3-13	3/13/2025	68,891	68,642
3-14	3/14/2025	55,829	57,556
3-15	3/15/2025	38,190	49,658
3-16	3/16/2025	61,371	74,149
3-17	3/17/2025	77,106	77,310
3-18	3/18/2025	79,454	74,928
3-19	3/19/2025	79,742	71,819
3-20	3/20/2025	63,280	69,636
3-21	3/21/2025	57,729	68,991
3-22	3/22/2025	58,993	75,486
3-23	3/23/2025	65,597	76,752
3-24	3/24/2025	54,383	82,436
3-25	3/25/2025	70,095	62,616
3-26	3/26/2025	74,528	53,626
3-27	3/27/2025	68,790	77,710
3-28	3/28/2025	50,250	76,351
3-29	3/29/2025	47,193	70,509
3-30	3/30/2025	37,385	65,637
3-31	3/31/2025	51,534	58,206

	Calibration %	
Year	Normal	Design
2023/24	-13.15%	-13.52%
2024/25	-11.34%	-11.94%

2023/24	17,807,724	15,465,351	19,583,667
2024/25	17,710,364	15,701,187	19,501,738

Split Year	Month-Day	Date	Normal	Normal Calibrated	Design Year
2023/24	11-1	11/1/2023	60,136	52,226	57,397
2023/24	11-2	11/2/2023	58,963	51,207	45,490
2023/24	11-3	11/3/2023	64,135	55,699	43,532
2023/24	11-4	11/4/2023	55,436	48,144	55,457
2023/24	11-5	11/5/2023	48,572	42,183	63,550
2023/24	11-6	11/6/2023	45,855	39,823	63,463
2023/24	11-7	11/7/2023	64,458	55,980	58,020
2023/24	11-8	11/8/2023	71,177	61,814	69,698
2023/24	11-9	11/9/2023	63,278	54,954	71,145
2023/24	11-10	11/10/2023	60,118	52,210	102,847
2023/24	11-11	11/11/2023	59,059	51,290	38,846
2023/24	11-12	11/12/2023	54,522	47,350	46,671
2023/24	11-13	11/13/2023	71,313	61,933	69,968
2023/24	11-14	11/14/2023	43,440	37,726	68,648
2023/24	11-15	11/15/2023	26,182	22,738	52,572
2023/24	11-16	11/16/2023	38,540	33,471	63,725
2023/24	11-17	11/17/2023	53,232	46,230	73,129
2023/24	11-18	11/18/2023	60,342	52,405	83,056
2023/24	11-19	11/19/2023	70,730	61,427	74,044
2023/24	11-20	11/20/2023	67,411	58,544	71,825
2023/24	11-21	11/21/2023	69,414	60,283	63,943
2023/24	11-22	11/22/2023	51,566	44,783	64,729
2023/24	11-23	11/23/2023	58,901	51,153	70,345
2023/24	11-24	11/24/2023	60,799	52,802	86,727
2023/24	11-25	11/25/2023	92,129	80,011	90,852
2023/24	11-26	11/26/2023	83,617	72,618	74,398
2023/24	11-27	11/27/2023	72,962	63,365	67,662
2023/24	11-28	11/28/2023	41,265	35,837	68,450
2023/24	11-29	11/29/2023	53,844	46,762	82,259
2023/24	11-30	11/30/2023	65,105	56,541	88,595
2023/24	12-1	12/1/2023	81,771	71,015	77,547
2023/24	12-2	12/2/2023	86,560	75,174	74,662
2023/24	12-3	12/3/2023	85,008	73,826	73,551
2023/24	12-4	12/4/2023	86,569	75,182	78,836
2023/24	12-5	12/5/2023	83,147	72,211	72,551
2023/24	12-6	12/6/2023	89,157	77,430	68,778
2023/24	12-7	12/7/2023	110,614	96,065	84,567
2023/24	12-8	12/8/2023	80,593	69,992	92,030

2023/24	12-9	12/9/2023	56,669	49,215	85,997
2023/24	12-10	12/10/2023	59,899	52,020	98,812
2023/24	12-11	12/11/2023	84,102	73,039	104,853
2023/24	12-12	12/12/2023	90,122	78,268	119,640
2023/24	12-13	12/13/2023	70,777	61,467	125,994
2023/24	12-14	12/14/2023	53,332	46,317	121,947
2023/24	12-15	12/15/2023	70,130	60,906	103,553
2023/24	12-16	12/16/2023	86,438	75,068	127,285
2023/24	12-17	12/17/2023	88,687	77,022	124,683
2023/24	12-18	12/18/2023	100,799	87,540	97,892
2023/24	12-19	12/19/2023	117,467	102,016	84,533
2023/24	12-20	12/20/2023	108,123	93,901	70,566
2023/24	12-21	12/21/2023	94,336	81,927	57,844
2023/24	12-22	12/22/2023	91,380	79,360	77,774
2023/24	12-23	12/23/2023	63,479	55,129	79,904
2023/24	12-24	12/24/2023	75,794	65,825	102,282
2023/24	12-25	12/25/2023	78,218	67,929	111,322
2023/24	12-26	12/26/2023	80,661	70,051	116,176
2023/24	12-27	12/27/2023	64,534	56,046	93,924
2023/24	12-28	12/28/2023	64,242	55,792	76,888
2023/24	12-29	12/29/2023	70,437	61,172	75,348
2023/24	12-30	12/30/2023	84,761	73,612	108,629
2023/24	12-31	12/31/2023	75,938	65,949	115,170
2023/24	1-1	1/1/2024	76,105	66,094	70,126
2023/24	1-2	1/2/2024	88,104	76,515	69,827
2023/24	1-3	1/3/2024	74,380	64,597	90,527
2023/24	1-4	1/4/2024	68,324	59,337	91,603
2023/24	1-5	1/5/2024	71,846	62,395	95,983
2023/24	1-6	1/6/2024	93,184	80,927	110,087
2023/24	1-7	1/7/2024	99,931	86,786	116,148
2023/24	1-8	1/8/2024	87,682	76,149	102,581
2023/24	1-9	1/9/2024	78,894	68,516	96,663
2023/24	1-10	1/10/2024	92,957	80,730	99,183
2023/24	1-11	1/11/2024	113,948	98,960	107,138
2023/24	1-12	1/12/2024	117,533	102,073	101,163
2023/24	1-13	1/13/2024	116,452	101,135	110,912
2023/24	1-14	1/14/2024	101,258	87,939	124,588
2023/24	1-15	1/15/2024	97,269	84,474	133,858
2023/24	1-16	1/16/2024	96,596	83,890	111,281
2023/24	1-17	1/17/2024	101,774	88,387	141,307
2023/24	1-18	1/18/2024	84,450	73,341	115,672
2023/24	1-19	1/19/2024	100,673	87,431	89,313
2023/24	1-20	1/20/2024	129,336	112,324	100,524
2023/24	1-21	1/21/2024	148,581	129,037	141,371
2023/24	1-22	1/22/2024	115,420	100,238	172,988
2023/24	1-23	1/23/2024	73,361	63,711	183,543
2023/24	1-24	1/24/2024	60,998	52,974	115,127
2023/24	1-25	1/25/2024	81,601	70,867	129,130
2023/24	1-26	1/26/2024	97,961	85,075	131,754
2023/24	1-27	1/27/2024	84,284	73,198	110,390
2023/24	1-28	1/28/2024	107,048	92,967	115,229
2023/24	1-29	1/29/2024	105,819	91,900	101,262
2023/24	1-30	1/30/2024	125,830	109,279	110,510
2023/24	1-31	1/31/2024	134,922	117,175	130,435
2023/24	2-1	2/1/2024	132,451	115,029	95,371

2023/24	2-2	2/2/2024	100,971	87,690	88,387
2023/24	2-3	2/3/2024	88,084	76,497	96,409
2023/24	2-4	2/4/2024	62,527	54,303	119,440
2023/24	2-5	2/5/2024	61,162	53,117	133,018
2023/24	2-6	2/6/2024	77,321	67,150	118,736
2023/24	2-7	2/7/2024	75,650	65,699	124,468
2023/24	2-8	2/8/2024	78,607	68,267	111,217
2023/24	2-9	2/9/2024	95,705	83,116	111,572
2023/24	2-10	2/10/2024	94,809	82,338	108,867
2023/24	2-11	2/11/2024	104,678	90,909	113,492
2023/24	2-12	2/12/2024	101,692	88,315	104,560
2023/24	2-13	2/13/2024	87,658	76,127	132,446
2023/24	2-14	2/14/2024	84,641	73,507	114,508
2023/24	2-15	2/15/2024	72,659	63,102	119,256
2023/24	2-16	2/16/2024	86,766	75,353	111,294
2023/24	2-17	2/17/2024	88,434	76,802	94,815
2023/24	2-18	2/18/2024	108,498	94,226	106,632
2023/24	2-19	2/19/2024	112,955	98,097	131,327
2023/24	2-20	2/20/2024	100,885	87,615	94,102
2023/24	2-21	2/21/2024	74,148	64,395	81,301
2023/24	2-22	2/22/2024	74,581	64,771	84,833
2023/24	2-23	2/23/2024	79,357	68,918	97,248
2023/24	2-24	2/24/2024	75,860	65,882	109,046
2023/24	2-25	2/25/2024	93,384	81,100	90,451
2023/24	2-26	2/26/2024	122,336	106,244	87,928
2023/24	2-27	2/27/2024	123,921	107,621	78,547
2023/24	2-28	2/28/2024	112,371	97,590	74,375
2023/24	2-29	2/29/2024	97,361	84,554	81,929
2023/24	3-1	3/1/2024	82,350	71,518	89,484
2023/24	3-2	3/2/2024	81,637	70,898	95,247
2023/24	3-3	3/3/2024	75,157	65,271	104,250
2023/24	3-4	3/4/2024	90,330	78,448	107,109
2023/24	3-5	3/5/2024	100,629	87,393	105,368
2023/24	3-6	3/6/2024	115,310	100,143	93,788
2023/24	3-7	3/7/2024	107,708	93,540	94,442
2023/24	3-8	3/8/2024	87,965	76,394	100,501
2023/24	3-9	3/9/2024	75,281	65,378	116,750
2023/24	3-10	3/10/2024	74,233	64,469	120,392
2023/24	3-11	3/11/2024	68,573	59,553	96,770
2023/24	3-12	3/12/2024	76,146	66,130	81,344
2023/24	3-13	3/13/2024	68,891	59,829	68,642
2023/24	3-14	3/14/2024	55,829	48,486	57,556
2023/24	3-15	3/15/2024	38,190	33,166	49,658
2023/24	3-16	3/16/2024	61,371	53,299	74,149
2023/24	3-17	3/17/2024	77,106	66,964	77,310
2023/24	3-18	3/18/2024	79,454	69,003	74,928
2023/24	3-19	3/19/2024	79,742	69,253	71,819
2023/24	3-20	3/20/2024	63,280	54,956	69,636
2023/24	3-21	3/21/2024	57,729	50,135	68,991
2023/24	3-22	3/22/2024	58,993	51,234	75,486
2023/24	3-23	3/23/2024	65,597	56,969	76,752
2023/24	3-24	3/24/2024	54,383	47,230	82,436
2023/24	3-25	3/25/2024	70,095	60,875	62,616
2023/24	3-26	3/26/2024	74,528	64,725	53,626
2023/24	3-27	3/27/2024	68,790	59,741	77,710

2023/24	3-28	3/28/2024	50,250	43,640	76,351
2023/24	3-29	3/29/2024	47,193	40,985	70,509
2023/24	3-30	3/30/2024	37,385	32,467	65,637
2023/24	3-31	3/31/2024	51,534	44,756	58,206
2023/24	4-1	4/1/2024	56,994	49,497	56,994
2023/24	4-2	4/2/2024	66,644	57,878	66,644
2023/24	4-3	4/3/2024	61,584	53,483	61,584
2023/24	4-4	4/4/2024	58,675	50,957	58,675
2023/24	4-5	4/5/2024	68,556	59,539	68,556
2023/24	4-6	4/6/2024	59,662	51,814	59,662
2023/24	4-7	4/7/2024	51,518	44,741	51,518
2023/24	4-8	4/8/2024	55,402	48,115	55,402
2023/24	4-9	4/9/2024	51,959	45,124	51,959
2023/24	4-10	4/10/2024	55,027	47,789	55,027
2023/24	4-11	4/11/2024	54,850	47,635	54,850
2023/24	4-12	4/12/2024	51,324	44,573	51,324
2023/24	4-13	4/13/2024	55,215	47,953	55,215
2023/24	4-14	4/14/2024	43,300	37,605	43,300
2023/24	4-15	4/15/2024	47,519	41,269	47,519
2023/24	4-16	4/16/2024	47,711	41,435	47,711
2023/24	4-17	4/17/2024	39,728	34,502	39,728
2023/24	4-18	4/18/2024	33,032	28,687	33,032
2023/24	4-19	4/19/2024	22,156	19,242	22,156
2023/24	4-20	4/20/2024	24,690	21,443	24,690
2023/24	4-21	4/21/2024	37,141	32,255	37,141
2023/24	4-22	4/22/2024	28,221	24,509	28,221
2023/24	4-23	4/23/2024	38,647	33,563	38,647
2023/24	4-24	4/24/2024	40,200	34,912	40,200
2023/24	4-25	4/25/2024	49,923	43,356	49,923
2023/24	4-26	4/26/2024	51,882	45,057	51,882
2023/24	4-27	4/27/2024	32,704	28,402	32,704
2023/24	4-28	4/28/2024	43,309	37,612	43,309
2023/24	4-29	4/29/2024	34,435	29,905	34,435
2023/24	4-30	4/30/2024	25,371	22,034	25,371
2023/24	5-1	5/1/2024	19,251	16,719	19,251
2023/24	5-2	5/2/2024	18,848	16,369	18,848
2023/24	5-3	5/3/2024	16,038	13,928	16,038
2023/24	5-4	5/4/2024	13,249	11,506	13,249
2023/24	5-5	5/5/2024	22,787	19,790	22,787
2023/24	5-6	5/6/2024	40,483	35,158	40,483
2023/24	5-7	5/7/2024	40,505	35,177	40,505
2023/24	5-8	5/8/2024	33,276	28,899	33,276
2023/24	5-9	5/9/2024	26,825	23,296	26,825
2023/24	5-10	5/10/2024	19,223	16,694	19,223
2023/24	5-11	5/11/2024	13,949	12,114	13,949
2023/24	5-12	5/12/2024	15,884	13,795	15,884
2023/24	5-13	5/13/2024	29,101	25,273	29,101
2023/24	5-14	5/14/2024	32,553	28,271	32,553
2023/24	5-15	5/15/2024	35,049	30,439	35,049
2023/24	5-16	5/16/2024	39,841	34,600	39,841
2023/24	5-17	5/17/2024	30,841	26,784	30,841
2023/24	5-18	5/18/2024	29,492	25,613	29,492
2023/24	5-19	5/19/2024	21,506	18,677	21,506
2023/24	5-20	5/20/2024	25,081	21,782	25,081
2023/24	5-21	5/21/2024	27,989	24,307	27,989

2023/24	5-22	5/22/2024	35,758	31,054	35,758
2023/24	5-23	5/23/2024	30,668	26,634	30,668
2023/24	5-24	5/24/2024	25,513	22,157	25,513
2023/24	5-25	5/25/2024	21,594	18,753	21,594
2023/24	5-26	5/26/2024	21,979	19,088	21,979
2023/24	5-27	5/27/2024	27,097	23,533	27,097
2023/24	5-28	5/28/2024	24,907	21,631	24,907
2023/24	5-29	5/29/2024	25,844	22,445	25,844
2023/24	5-30	5/30/2024	33,872	29,417	33,872
2023/24	5-31	5/31/2024	32,528	28,249	32,528
2023/24	6-1	6/1/2024	17,430	15,137	17,430
2023/24	6-2	6/2/2024	21,958	19,069	21,958
2023/24	6-3	6/3/2024	25,930	22,519	25,930
2023/24	6-4	6/4/2024	23,423	20,342	23,423
2023/24	6-5	6/5/2024	33,140	28,781	33,140
2023/24	6-6	6/6/2024	36,921	32,064	36,921
2023/24	6-7	6/7/2024	21,449	18,628	21,449
2023/24	6-8	6/8/2024	14,328	12,443	14,328
2023/24	6-9	6/9/2024	15,855	13,769	15,855
2023/24	6-10	6/10/2024	18,849	16,369	18,849
2023/24	6-11	6/11/2024	18,849	16,369	18,849
2023/24	6-12	6/12/2024	18,849	16,369	18,849
2023/24	6-13	6/13/2024	18,849	16,369	18,849
2023/24	6-14	6/14/2024	16,038	13,928	16,038
2023/24	6-15	6/15/2024	13,249	11,507	13,249
2023/24	6-16	6/16/2024	19,306	16,767	19,306
2023/24	6-17	6/17/2024	19,943	17,320	19,943
2023/24	6-18	6/18/2024	19,078	16,569	19,078
2023/24	6-19	6/19/2024	15,797	13,719	15,797
2023/24	6-20	6/20/2024	18,849	16,369	18,849
2023/24	6-21	6/21/2024	16,038	13,928	16,038
2023/24	6-22	6/22/2024	13,249	11,507	13,249
2023/24	6-23	6/23/2024	15,797	13,719	15,797
2023/24	6-24	6/24/2024	18,849	16,369	18,849
2023/24	6-25	6/25/2024	18,849	16,369	18,849
2023/24	6-26	6/26/2024	18,849	16,369	18,849
2023/24	6-27	6/27/2024	21,436	18,616	21,436
2023/24	6-28	6/28/2024	16,859	14,641	16,859
2023/24	6-29	6/29/2024	13,422	11,656	13,422
2023/24	6-30	6/30/2024	15,797	13,719	15,797
2023/24	7-1	7/1/2024	18,849	16,369	18,849
2023/24	7-2	7/2/2024	18,849	16,369	18,849
2023/24	7-3	7/3/2024	18,849	16,369	18,849
2023/24	7-4	7/4/2024	15,797	13,719	15,797
2023/24	7-5	7/5/2024	16,038	13,928	16,038
2023/24	7-6	7/6/2024	13,249	11,507	13,249
2023/24	7-7	7/7/2024	15,797	13,719	15,797
2023/24	7-8	7/8/2024	18,849	16,369	18,849
2023/24	7-9	7/9/2024	18,849	16,369	18,849
2023/24	7-10	7/10/2024	18,849	16,369	18,849
2023/24	7-11	7/11/2024	18,849	16,369	18,849
2023/24	7-12	7/12/2024	16,038	13,928	16,038
2023/24	7-13	7/13/2024	13,609	11,819	13,609
2023/24	7-14	7/14/2024	16,277	14,136	16,277
2023/24	7-15	7/15/2024	18,993	16,495	18,993

2023/24	7-16	7/16/2024	18,874	16,391	18,874
2023/24	7-17	7/17/2024	18,849	16,369	18,849
2023/24	7-18	7/18/2024	18,849	16,369	18,849
2023/24	7-19	7/19/2024	16,038	13,928	16,038
2023/24	7-20	7/20/2024	13,249	11,507	13,249
2023/24	7-21	7/21/2024	15,797	13,719	15,797
2023/24	7-22	7/22/2024	18,849	16,369	18,849
2023/24	7-23	7/23/2024	18,849	16,369	18,849
2023/24	7-24	7/24/2024	18,849	16,369	18,849
2023/24	7-25	7/25/2024	18,849	16,369	18,849
2023/24	7-26	7/26/2024	16,038	13,928	16,038
2023/24	7-27	7/27/2024	13,249	11,507	13,249
2023/24	7-28	7/28/2024	19,238	16,707	19,238
2023/24	7-29	7/29/2024	19,923	17,303	19,923
2023/24	7-30	7/30/2024	19,074	16,565	19,074
2023/24	7-31	7/31/2024	18,849	16,369	18,849
2023/24	8-1	8/1/2024	18,849	16,369	18,849
2023/24	8-2	8/2/2024	16,038	13,928	16,038
2023/24	8-3	8/3/2024	13,249	11,507	13,249
2023/24	8-4	8/4/2024	15,797	13,719	15,797
2023/24	8-5	8/5/2024	18,849	16,369	18,849
2023/24	8-6	8/6/2024	18,849	16,369	18,849
2023/24	8-7	8/7/2024	20,609	17,898	20,609
2023/24	8-8	8/8/2024	19,416	16,862	19,416
2023/24	8-9	8/9/2024	16,157	14,032	16,157
2023/24	8-10	8/10/2024	13,249	11,507	13,249
2023/24	8-11	8/11/2024	15,797	13,719	15,797
2023/24	8-12	8/12/2024	18,849	16,369	18,849
2023/24	8-13	8/13/2024	18,849	16,369	18,849
2023/24	8-14	8/14/2024	18,849	16,369	18,849
2023/24	8-15	8/15/2024	18,849	16,369	18,849
2023/24	8-16	8/16/2024	18,258	15,857	18,258
2023/24	8-17	8/17/2024	13,959	12,123	13,959
2023/24	8-18	8/18/2024	15,946	13,849	15,946
2023/24	8-19	8/19/2024	18,849	16,369	18,849
2023/24	8-20	8/20/2024	18,849	16,369	18,849
2023/24	8-21	8/21/2024	18,849	16,369	18,849
2023/24	8-22	8/22/2024	21,069	18,297	21,069
2023/24	8-23	8/23/2024	16,747	14,544	16,747
2023/24	8-24	8/24/2024	13,398	11,636	13,398
2023/24	8-25	8/25/2024	15,797	13,719	15,797
2023/24	8-26	8/26/2024	18,849	16,369	18,849
2023/24	8-27	8/27/2024	18,849	16,369	18,849
2023/24	8-28	8/28/2024	18,849	16,369	18,849
2023/24	8-29	8/29/2024	18,849	16,369	18,849
2023/24	8-30	8/30/2024	16,038	13,928	16,038
2023/24	8-31	8/31/2024	13,249	11,507	13,249
2023/24	9-1	9/1/2024	15,797	13,719	15,797
2023/24	9-2	9/2/2024	20,450	17,760	20,450
2023/24	9-3	9/3/2024	27,549	23,925	27,549
2023/24	9-4	9/4/2024	28,018	24,333	28,018
2023/24	9-5	9/5/2024	28,566	24,809	28,566
2023/24	9-6	9/6/2024	23,243	20,186	23,243
2023/24	9-7	9/7/2024	18,779	16,309	18,779
2023/24	9-8	9/8/2024	17,234	14,967	17,234

2023/24	9-9	9/9/2024	19,088	16,577	19,088
2023/24	9-10	9/10/2024	23,501	20,410	23,501
2023/24	9-11	9/11/2024	22,967	19,946	22,967
2023/24	9-12	9/12/2024	20,001	17,370	20,001
2023/24	9-13	9/13/2024	16,217	14,084	16,217
2023/24	9-14	9/14/2024	13,249	11,507	13,249
2023/24	9-15	9/15/2024	16,227	14,092	16,227
2023/24	9-16	9/16/2024	25,195	21,881	25,195
2023/24	9-17	9/17/2024	20,728	18,002	20,728
2023/24	9-18	9/18/2024	22,895	19,884	22,895
2023/24	9-19	9/19/2024	28,370	24,638	28,370
2023/24	9-20	9/20/2024	21,392	18,578	21,392
2023/24	9-21	9/21/2024	14,611	12,689	14,611
2023/24	9-22	9/22/2024	18,203	15,809	18,203
2023/24	9-23	9/23/2024	24,213	21,028	24,213
2023/24	9-24	9/24/2024	20,421	17,735	20,421
2023/24	9-25	9/25/2024	19,147	16,629	19,147
2023/24	9-26	9/26/2024	20,614	17,903	20,614
2023/24	9-27	9/27/2024	18,834	16,357	18,834
2023/24	9-28	9/28/2024	14,080	12,228	14,080
2023/24	9-29	9/29/2024	21,626	18,781	21,626
2023/24	9-30	9/30/2024	31,843	27,654	31,843
2023/24	10-1	10/1/2024	35,323	30,676	35,323
2023/24	10-2	10/2/2024	33,701	29,268	33,701
2023/24	10-3	10/3/2024	26,047	22,621	26,047
2023/24	10-4	10/4/2024	30,734	26,692	30,734
2023/24	10-5	10/5/2024	28,815	25,025	28,815
2023/24	10-6	10/6/2024	25,178	21,866	25,178
2023/24	10-7	10/7/2024	25,575	22,211	25,575
2023/24	10-8	10/8/2024	23,109	20,069	23,109
2023/24	10-9	10/9/2024	36,623	31,805	36,623
2023/24	10-10	10/10/2024	42,639	37,031	42,639
2023/24	10-11	10/11/2024	34,816	30,236	34,816
2023/24	10-12	10/12/2024	26,269	22,814	26,269
2023/24	10-13	10/13/2024	27,448	23,837	27,448
2023/24	10-14	10/14/2024	39,377	34,198	39,377
2023/24	10-15	10/15/2024	45,140	39,203	45,140
2023/24	10-16	10/16/2024	27,646	24,009	27,646
2023/24	10-17	10/17/2024	21,569	18,732	21,569
2023/24	10-18	10/18/2024	21,866	18,990	21,866
2023/24	10-19	10/19/2024	18,408	15,987	18,408
2023/24	10-20	10/20/2024	24,636	21,396	24,636
2023/24	10-21	10/21/2024	22,071	19,168	22,071
2023/24	10-22	10/22/2024	38,856	33,745	38,856
2023/24	10-23	10/23/2024	37,973	32,978	37,973
2023/24	10-24	10/24/2024	41,634	36,158	41,634
2023/24	10-25	10/25/2024	50,755	44,079	50,755
2023/24	10-26	10/26/2024	53,432	46,404	53,432
2023/24	10-27	10/27/2024	46,545	40,422	46,545
2023/24	10-28	10/28/2024	50,648	43,986	50,648
2023/24	10-29	10/29/2024	46,580	40,453	46,580
2023/24	10-30	10/30/2024	45,881	39,846	45,881
2023/24	10-31	10/31/2024	57,518	49,952	57,518
2024/25	11-1	11/1/2024	60,136	53,313	57,397
2024/25	11-2	11/2/2024	58,963	52,274	45,490

2024/25	11-3	11/3/2024	64,135	56,859	43,532
2024/25	11-4	11/4/2024	55,436	49,147	55,457
2024/25	11-5	11/5/2024	48,572	43,061	63,550
2024/25	11-6	11/6/2024	45,855	40,653	63,463
2024/25	11-7	11/7/2024	64,458	57,146	58,020
2024/25	11-8	11/8/2024	71,177	63,102	69,698
2024/25	11-9	11/9/2024	63,278	56,099	71,145
2024/25	11-10	11/10/2024	60,118	53,298	102,847
2024/25	11-11	11/11/2024	59,059	52,359	38,846
2024/25	11-12	11/12/2024	54,522	48,337	46,671
2024/25	11-13	11/13/2024	71,313	63,223	69,968
2024/25	11-14	11/14/2024	43,440	38,512	68,648
2024/25	11-15	11/15/2024	26,182	23,211	52,572
2024/25	11-16	11/16/2024	38,540	34,168	63,725
2024/25	11-17	11/17/2024	53,232	47,193	73,129
2024/25	11-18	11/18/2024	60,342	53,496	83,056
2024/25	11-19	11/19/2024	70,730	62,706	74,044
2024/25	11-20	11/20/2024	67,411	59,764	71,825
2024/25	11-21	11/21/2024	69,414	61,539	63,943
2024/25	11-22	11/22/2024	51,566	45,716	64,729
2024/25	11-23	11/23/2024	58,901	52,219	70,345
2024/25	11-24	11/24/2024	60,799	53,902	86,727
2024/25	11-25	11/25/2024	92,129	81,677	90,852
2024/25	11-26	11/26/2024	83,617	74,131	74,398
2024/25	11-27	11/27/2024	72,962	64,685	67,662
2024/25	11-28	11/28/2024	41,265	36,583	68,450
2024/25	11-29	11/29/2024	53,844	47,736	82,259
2024/25	11-30	11/30/2024	65,105	57,719	88,595
2024/25	12-1	12/1/2024	81,771	72,495	77,547
2024/25	12-2	12/2/2024	86,560	76,740	74,662
2024/25	12-3	12/3/2024	85,008	75,364	73,551
2024/25	12-4	12/4/2024	86,569	76,748	78,836
2024/25	12-5	12/5/2024	83,147	73,715	72,551
2024/25	12-6	12/6/2024	89,157	79,043	68,778
2024/25	12-7	12/7/2024	110,614	98,066	84,567
2024/25	12-8	12/8/2024	80,593	71,450	92,030
2024/25	12-9	12/9/2024	56,669	50,240	85,997
2024/25	12-10	12/10/2024	59,899	53,103	98,812
2024/25	12-11	12/11/2024	84,102	74,561	104,853
2024/25	12-12	12/12/2024	90,122	79,898	119,640
2024/25	12-13	12/13/2024	70,777	62,748	125,994
2024/25	12-14	12/14/2024	53,332	47,281	121,947
2024/25	12-15	12/15/2024	70,130	62,174	103,553
2024/25	12-16	12/16/2024	86,438	76,632	127,285
2024/25	12-17	12/17/2024	88,687	78,626	124,683
2024/25	12-18	12/18/2024	100,799	89,364	97,892
2024/25	12-19	12/19/2024	117,467	104,141	84,533
2024/25	12-20	12/20/2024	108,123	95,857	70,566
2024/25	12-21	12/21/2024	94,336	83,634	57,844
2024/25	12-22	12/22/2024	91,380	81,013	77,774
2024/25	12-23	12/23/2024	63,479	56,277	79,904
2024/25	12-24	12/24/2024	75,794	67,196	102,282
2024/25	12-25	12/25/2024	78,218	69,344	111,322
2024/25	12-26	12/26/2024	80,661	71,510	116,176
2024/25	12-27	12/27/2024	64,534	57,213	93,924

2024/25	12-28	12/28/2024	64,242	56,954	76,888
2024/25	12-29	12/29/2024	70,437	62,446	75,348
2024/25	12-30	12/30/2024	84,761	75,145	108,629
2024/25	12-31	12/31/2024	75,938	67,323	115,170
2024/25	1-1	1/1/2025	76,105	67,471	70,126
2024/25	1-2	1/2/2025	88,104	78,109	69,827
2024/25	1-3	1/3/2025	74,380	65,942	90,527
2024/25	1-4	1/4/2025	68,324	60,573	91,603
2024/25	1-5	1/5/2025	71,846	63,695	95,983
2024/25	1-6	1/6/2025	93,184	82,613	110,087
2024/25	1-7	1/7/2025	99,931	88,594	116,148
2024/25	1-8	1/8/2025	87,682	77,735	102,581
2024/25	1-9	1/9/2025	78,894	69,944	96,663
2024/25	1-10	1/10/2025	92,957	82,412	99,183
2024/25	1-11	1/11/2025	113,948	101,021	107,138
2024/25	1-12	1/12/2025	117,533	104,200	101,163
2024/25	1-13	1/13/2025	116,452	103,241	110,912
2024/25	1-14	1/14/2025	101,258	89,771	124,588
2024/25	1-15	1/15/2025	97,269	86,234	133,858
2024/25	1-16	1/16/2025	96,596	85,637	111,281
2024/25	1-17	1/17/2025	101,774	90,228	141,307
2024/25	1-18	1/18/2025	84,450	74,869	115,672
2024/25	1-19	1/19/2025	100,673	89,252	89,313
2024/25	1-20	1/20/2025	129,336	114,664	100,524
2024/25	1-21	1/21/2025	148,581	131,725	141,371
2024/25	1-22	1/22/2025	115,420	102,326	172,988
2024/25	1-23	1/23/2025	73,361	65,038	183,543
2024/25	1-24	1/24/2025	60,998	54,078	115,127
2024/25	1-25	1/25/2025	81,601	72,344	129,130
2024/25	1-26	1/26/2025	97,961	86,847	131,754
2024/25	1-27	1/27/2025	84,284	74,722	110,390
2024/25	1-28	1/28/2025	107,048	94,903	115,229
2024/25	1-29	1/29/2025	105,819	93,814	101,262
2024/25	1-30	1/30/2025	125,830	111,555	110,510
2024/25	1-31	1/31/2025	134,922	119,615	130,435
2024/25	2-1	2/1/2025	132,451	117,425	95,371
2024/25	2-2	2/2/2025	100,971	89,516	88,387
2024/25	2-3	2/3/2025	88,084	78,091	96,409
2024/25	2-4	2/4/2025	62,527	55,434	119,440
2024/25	2-5	2/5/2025	61,162	54,223	133,018
2024/25	2-6	2/6/2025	77,321	68,549	118,736
2024/25	2-7	2/7/2025	75,650	67,068	124,468
2024/25	2-8	2/8/2025	78,607	69,689	111,217
2024/25	2-9	2/9/2025	95,705	84,847	111,572
2024/25	2-10	2/10/2025	94,809	84,054	108,867
2024/25	2-11	2/11/2025	104,678	92,803	113,492
2024/25	2-12	2/12/2025	101,692	90,155	104,560
2024/25	2-13	2/13/2025	87,658	77,713	132,446
2024/25	2-14	2/14/2025	84,641	75,038	114,508
2024/25	2-15	2/15/2025	72,659	64,416	119,256
2024/25	2-16	2/16/2025	86,766	76,923	111,294
2024/25	2-17	2/17/2025	88,434	78,402	94,815
2024/25	2-18	2/18/2025	108,498	96,189	106,632
2024/25	2-19	2/19/2025	112,955	100,141	131,327
2024/25	2-20	2/20/2025	100,885	89,440	94,102

2024/25	2-21	2/21/2025	74,148	65,736	81,301
2024/25	2-22	2/22/2025	74,581	66,120	84,833
2024/25	2-23	2/23/2025	79,357	70,354	97,248
2024/25	2-24	2/24/2025	75,860	67,254	109,046
2024/25	2-25	2/25/2025	93,384	82,790	90,451
2024/25	2-26	2/26/2025	122,336	108,458	87,928
2024/25	2-27	2/27/2025	123,921	109,862	78,547
2024/25	2-28	2/28/2025	112,371	99,623	74,375
2024/25	3-1	3/1/2025	82,350	73,008	89,484
2024/25	3-2	3/2/2025	81,637	72,375	95,247
2024/25	3-3	3/3/2025	75,157	66,630	104,250
2024/25	3-4	3/4/2025	90,330	80,082	107,109
2024/25	3-5	3/5/2025	100,629	89,213	105,368
2024/25	3-6	3/6/2025	115,310	102,229	93,788
2024/25	3-7	3/7/2025	107,708	95,489	94,442
2024/25	3-8	3/8/2025	87,965	77,985	100,501
2024/25	3-9	3/9/2025	75,281	66,740	116,750
2024/25	3-10	3/10/2025	74,233	65,812	120,392
2024/25	3-11	3/11/2025	68,573	60,794	96,770
2024/25	3-12	3/12/2025	76,146	67,508	81,344
2024/25	3-13	3/13/2025	68,891	61,076	68,642
2024/25	3-14	3/14/2025	55,829	49,496	57,556
2024/25	3-15	3/15/2025	38,190	33,857	49,658
2024/25	3-16	3/16/2025	61,371	54,409	74,149
2024/25	3-17	3/17/2025	77,106	68,359	77,310
2024/25	3-18	3/18/2025	79,454	70,441	74,928
2024/25	3-19	3/19/2025	79,742	70,696	71,819
2024/25	3-20	3/20/2025	63,280	56,101	69,636
2024/25	3-21	3/21/2025	57,729	51,180	68,991
2024/25	3-22	3/22/2025	58,993	52,301	75,486
2024/25	3-23	3/23/2025	65,597	58,155	76,752
2024/25	3-24	3/24/2025	54,383	48,213	82,436
2024/25	3-25	3/25/2025	70,095	62,143	62,616
2024/25	3-26	3/26/2025	74,528	66,073	53,626
2024/25	3-27	3/27/2025	68,790	60,986	77,710
2024/25	3-28	3/28/2025	50,250	44,549	76,351
2024/25	3-29	3/29/2025	47,193	41,839	70,509
2024/25	3-30	3/30/2025	37,385	33,144	65,637
2024/25	3-31	3/31/2025	51,534	45,688	58,206
2024/25	4-1	4/1/2025	56,994	50,528	56,994
2024/25	4-2	4/2/2025	66,644	59,084	66,644
2024/25	4-3	4/3/2025	61,584	54,597	61,584
2024/25	4-4	4/4/2025	58,675	52,019	58,675
2024/25	4-5	4/5/2025	68,556	60,779	68,556
2024/25	4-6	4/6/2025	59,662	52,894	59,662
2024/25	4-7	4/7/2025	51,518	45,673	51,518
2024/25	4-8	4/8/2025	55,402	49,117	55,402
2024/25	4-9	4/9/2025	51,959	46,064	51,959
2024/25	4-10	4/10/2025	55,027	48,785	55,027
2024/25	4-11	4/11/2025	54,850	48,628	54,850
2024/25	4-12	4/12/2025	51,324	45,501	51,324
2024/25	4-13	4/13/2025	55,215	48,951	55,215
2024/25	4-14	4/14/2025	43,300	38,388	43,300
2024/25	4-15	4/15/2025	47,519	42,128	47,519
2024/25	4-16	4/16/2025	47,711	42,298	47,711

2024/25	4-17	4/17/2025	39,728	35,221	39,728
2024/25	4-18	4/18/2025	33,032	29,284	33,032
2024/25	4-19	4/19/2025	22,156	19,642	22,156
2024/25	4-20	4/20/2025	24,690	21,889	24,690
2024/25	4-21	4/21/2025	37,141	32,927	37,141
2024/25	4-22	4/22/2025	28,221	25,019	28,221
2024/25	4-23	4/23/2025	38,647	34,263	38,647
2024/25	4-24	4/24/2025	40,200	35,639	40,200
2024/25	4-25	4/25/2025	49,923	44,260	49,923
2024/25	4-26	4/26/2025	51,882	45,996	51,882
2024/25	4-27	4/27/2025	32,704	28,994	32,704
2024/25	4-28	4/28/2025	43,309	38,396	43,309
2024/25	4-29	4/29/2025	34,435	30,528	34,435
2024/25	4-30	4/30/2025	25,371	22,493	25,371
2024/25	5-1	5/1/2025	19,251	17,067	19,251
2024/25	5-2	5/2/2025	18,848	16,710	18,848
2024/25	5-3	5/3/2025	16,038	14,219	16,038
2024/25	5-4	5/4/2025	13,249	11,746	13,249
2024/25	5-5	5/5/2025	22,787	20,202	22,787
2024/25	5-6	5/6/2025	40,483	35,890	40,483
2024/25	5-7	5/7/2025	40,505	35,910	40,505
2024/25	5-8	5/8/2025	33,276	29,501	33,276
2024/25	5-9	5/9/2025	26,825	23,781	26,825
2024/25	5-10	5/10/2025	19,223	17,042	19,223
2024/25	5-11	5/11/2025	13,949	12,367	13,949
2024/25	5-12	5/12/2025	15,884	14,082	15,884
2024/25	5-13	5/13/2025	29,101	25,799	29,101
2024/25	5-14	5/14/2025	32,553	28,860	32,553
2024/25	5-15	5/15/2025	35,049	31,073	35,049
2024/25	5-16	5/16/2025	39,841	35,321	39,841
2024/25	5-17	5/17/2025	30,841	27,342	30,841
2024/25	5-18	5/18/2025	29,492	26,147	29,492
2024/25	5-19	5/19/2025	21,506	19,066	21,506
2024/25	5-20	5/20/2025	25,081	22,236	25,081
2024/25	5-21	5/21/2025	27,989	24,813	27,989
2024/25	5-22	5/22/2025	35,758	31,701	35,758
2024/25	5-23	5/23/2025	30,668	27,189	30,668
2024/25	5-24	5/24/2025	25,513	22,619	25,513
2024/25	5-25	5/25/2025	21,594	19,144	21,594
2024/25	5-26	5/26/2025	21,979	19,486	21,979
2024/25	5-27	5/27/2025	27,097	24,023	27,097
2024/25	5-28	5/28/2025	24,907	22,082	24,907
2024/25	5-29	5/29/2025	25,844	22,912	25,844
2024/25	5-30	5/30/2025	33,872	30,030	33,872
2024/25	5-31	5/31/2025	32,528	28,838	32,528
2024/25	6-1	6/1/2025	17,430	15,453	17,430
2024/25	6-2	6/2/2025	21,958	19,467	21,958
2024/25	6-3	6/3/2025	25,930	22,989	25,930
2024/25	6-4	6/4/2025	23,423	20,765	23,423
2024/25	6-5	6/5/2025	33,140	29,381	33,140
2024/25	6-6	6/6/2025	36,921	32,732	36,921
2024/25	6-7	6/7/2025	21,449	19,016	21,449
2024/25	6-8	6/8/2025	14,328	12,702	14,328
2024/25	6-9	6/9/2025	15,855	14,056	15,855
2024/25	6-10	6/10/2025	18,849	16,710	18,849

2024/25	6-11	6/11/2025	18,849	16,710	18,849
2024/25	6-12	6/12/2025	18,849	16,710	18,849
2024/25	6-13	6/13/2025	18,849	16,710	18,849
2024/25	6-14	6/14/2025	16,038	14,219	16,038
2024/25	6-15	6/15/2025	13,249	11,746	13,249
2024/25	6-16	6/16/2025	19,306	17,116	19,306
2024/25	6-17	6/17/2025	19,943	17,681	19,943
2024/25	6-18	6/18/2025	19,078	16,914	19,078
2024/25	6-19	6/19/2025	15,797	14,005	15,797
2024/25	6-20	6/20/2025	18,849	16,710	18,849
2024/25	6-21	6/21/2025	16,038	14,219	16,038
2024/25	6-22	6/22/2025	13,249	11,746	13,249
2024/25	6-23	6/23/2025	15,797	14,005	15,797
2024/25	6-24	6/24/2025	18,849	16,710	18,849
2024/25	6-25	6/25/2025	18,849	16,710	18,849
2024/25	6-26	6/26/2025	18,849	16,710	18,849
2024/25	6-27	6/27/2025	21,436	19,004	21,436
2024/25	6-28	6/28/2025	16,859	14,946	16,859
2024/25	6-29	6/29/2025	13,422	11,899	13,422
2024/25	6-30	6/30/2025	15,797	14,005	15,797
2024/25	7-1	7/1/2025	18,849	16,710	18,849
2024/25	7-2	7/2/2025	18,849	16,710	18,849
2024/25	7-3	7/3/2025	18,849	16,710	18,849
2024/25	7-4	7/4/2025	15,797	14,005	15,797
2024/25	7-5	7/5/2025	16,038	14,219	16,038
2024/25	7-6	7/6/2025	13,249	11,746	13,249
2024/25	7-7	7/7/2025	15,797	14,005	15,797
2024/25	7-8	7/8/2025	18,849	16,710	18,849
2024/25	7-9	7/9/2025	18,849	16,710	18,849
2024/25	7-10	7/10/2025	18,849	16,710	18,849
2024/25	7-11	7/11/2025	18,849	16,710	18,849
2024/25	7-12	7/12/2025	16,038	14,219	16,038
2024/25	7-13	7/13/2025	13,609	12,065	13,609
2024/25	7-14	7/14/2025	16,277	14,430	16,277
2024/25	7-15	7/15/2025	18,993	16,838	18,993
2024/25	7-16	7/16/2025	18,874	16,732	18,874
2024/25	7-17	7/17/2025	18,849	16,710	18,849
2024/25	7-18	7/18/2025	18,849	16,710	18,849
2024/25	7-19	7/19/2025	16,038	14,219	16,038
2024/25	7-20	7/20/2025	13,249	11,746	13,249
2024/25	7-21	7/21/2025	15,797	14,005	15,797
2024/25	7-22	7/22/2025	18,849	16,710	18,849
2024/25	7-23	7/23/2025	18,849	16,710	18,849
2024/25	7-24	7/24/2025	18,849	16,710	18,849
2024/25	7-25	7/25/2025	18,849	16,710	18,849
2024/25	7-26	7/26/2025	16,038	14,219	16,038
2024/25	7-27	7/27/2025	13,249	11,746	13,249
2024/25	7-28	7/28/2025	19,238	17,055	19,238
2024/25	7-29	7/29/2025	19,923	17,663	19,923
2024/25	7-30	7/30/2025	19,074	16,910	19,074
2024/25	7-31	7/31/2025	18,849	16,710	18,849
2024/25	8-1	8/1/2025	18,849	16,710	18,849
2024/25	8-2	8/2/2025	16,038	14,219	16,038
2024/25	8-3	8/3/2025	13,249	11,746	13,249
2024/25	8-4	8/4/2025	15,797	14,005	15,797

2024/25	8-5	8/5/2025	18,849	16,710	18,849
2024/25	8-6	8/6/2025	18,849	16,710	18,849
2024/25	8-7	8/7/2025	20,609	18,271	20,609
2024/25	8-8	8/8/2025	19,416	17,213	19,416
2024/25	8-9	8/9/2025	16,157	14,324	16,157
2024/25	8-10	8/10/2025	13,249	11,746	13,249
2024/25	8-11	8/11/2025	15,797	14,005	15,797
2024/25	8-12	8/12/2025	18,849	16,710	18,849
2024/25	8-13	8/13/2025	18,849	16,710	18,849
2024/25	8-14	8/14/2025	18,849	16,710	18,849
2024/25	8-15	8/15/2025	18,849	16,710	18,849
2024/25	8-16	8/16/2025	18,258	16,187	18,258
2024/25	8-17	8/17/2025	13,959	12,375	13,959
2024/25	8-18	8/18/2025	15,946	14,137	15,946
2024/25	8-19	8/19/2025	18,849	16,710	18,849
2024/25	8-20	8/20/2025	18,849	16,710	18,849
2024/25	8-21	8/21/2025	18,849	16,710	18,849
2024/25	8-22	8/22/2025	21,069	18,678	21,069
2024/25	8-23	8/23/2025	16,747	14,847	16,747
2024/25	8-24	8/24/2025	13,398	11,878	13,398
2024/25	8-25	8/25/2025	15,797	14,005	15,797
2024/25	8-26	8/26/2025	18,849	16,710	18,849
2024/25	8-27	8/27/2025	18,849	16,710	18,849
2024/25	8-28	8/28/2025	18,849	16,710	18,849
2024/25	8-29	8/29/2025	18,849	16,710	18,849
2024/25	8-30	8/30/2025	16,038	14,219	16,038
2024/25	8-31	8/31/2025	13,249	11,746	13,249
2024/25	9-1	9/1/2025	15,797	14,005	15,797
2024/25	9-2	9/2/2025	20,450	18,130	20,450
2024/25	9-3	9/3/2025	27,549	24,424	27,549
2024/25	9-4	9/4/2025	28,018	24,840	28,018
2024/25	9-5	9/5/2025	28,566	25,326	28,566
2024/25	9-6	9/6/2025	23,243	20,606	23,243
2024/25	9-7	9/7/2025	18,779	16,648	18,779
2024/25	9-8	9/8/2025	17,234	15,279	17,234
2024/25	9-9	9/9/2025	19,088	16,922	19,088
2024/25	9-10	9/10/2025	23,501	20,835	23,501
2024/25	9-11	9/11/2025	22,967	20,362	22,967
2024/25	9-12	9/12/2025	20,001	17,732	20,001
2024/25	9-13	9/13/2025	16,217	14,377	16,217
2024/25	9-14	9/14/2025	13,249	11,746	13,249
2024/25	9-15	9/15/2025	16,227	14,386	16,227
2024/25	9-16	9/16/2025	25,195	22,336	25,195
2024/25	9-17	9/17/2025	20,728	18,377	20,728
2024/25	9-18	9/18/2025	22,895	20,298	22,895
2024/25	9-19	9/19/2025	28,370	25,152	28,370
2024/25	9-20	9/20/2025	21,392	18,965	21,392
2024/25	9-21	9/21/2025	14,611	12,953	14,611
2024/25	9-22	9/22/2025	18,203	16,138	18,203
2024/25	9-23	9/23/2025	24,213	21,466	24,213
2024/25	9-24	9/24/2025	20,421	18,104	20,421
2024/25	9-25	9/25/2025	19,147	16,975	19,147
2024/25	9-26	9/26/2025	20,614	18,275	20,614
2024/25	9-27	9/27/2025	18,834	16,697	18,834
2024/25	9-28	9/28/2025	14,080	12,483	14,080

2024/25	9-29	9/29/2025	21,626	19,172	21,626
2024/25	9-30	9/30/2025	31,843	28,230	31,843
2024/25	10-1	10/1/2025	35,323	31,315	35,323
2024/25	10-2	10/2/2025	33,701	29,877	33,701
2024/25	10-3	10/3/2025	26,047	23,092	26,047
2024/25	10-4	10/4/2025	30,734	27,248	30,734
2024/25	10-5	10/5/2025	28,815	25,546	28,815
2024/25	10-6	10/6/2025	25,178	22,321	25,178
2024/25	10-7	10/7/2025	25,575	22,674	25,575
2024/25	10-8	10/8/2025	23,109	20,487	23,109
2024/25	10-9	10/9/2025	36,623	32,468	36,623
2024/25	10-10	10/10/2025	42,639	37,802	42,639
2024/25	10-11	10/11/2025	34,816	30,866	34,816
2024/25	10-12	10/12/2025	26,269	23,289	26,269
2024/25	10-13	10/13/2025	27,448	24,334	27,448
2024/25	10-14	10/14/2025	39,377	34,910	39,377
2024/25	10-15	10/15/2025	45,140	40,019	45,140
2024/25	10-16	10/16/2025	27,646	24,510	27,646
2024/25	10-17	10/17/2025	21,569	19,122	21,569
2024/25	10-18	10/18/2025	21,866	19,385	21,866
2024/25	10-19	10/19/2025	18,408	16,320	18,408
2024/25	10-20	10/20/2025	24,636	21,841	24,636
2024/25	10-21	10/21/2025	22,071	19,567	22,071
2024/25	10-22	10/22/2025	38,856	34,448	38,856
2024/25	10-23	10/23/2025	37,973	33,665	37,973
2024/25	10-24	10/24/2025	41,634	36,911	41,634
2024/25	10-25	10/25/2025	50,755	44,997	50,755
2024/25	10-26	10/26/2025	53,432	47,370	53,432
2024/25	10-27	10/27/2025	46,545	41,264	46,545
2024/25	10-28	10/28/2025	50,648	44,902	50,648
2024/25	10-29	10/29/2025	46,580	41,296	46,580
2024/25	10-30	10/30/2025	45,881	40,676	45,881
2024/25	10-31	10/31/2025	57,518	50,993	57,518

Design Day	
1/23/2025	162,764

Design Day HDD
70.07

16,935,130
17,173,706

Design Year Calibrated	Normal + iNATGAS	Design Year + iNATGAS	iNATGAS
49,634	53,112	50,521	887
39,338	52,094	40,224	887
37,645	56,585	38,531	887
47,957	49,031	48,843	887
54,956	43,069	55,842	887
54,880	40,710	55,767	887
50,174	56,866	51,060	887
60,272	62,701	61,158	887
61,523	55,841	62,410	887
88,938	53,097	89,825	887
33,593	52,177	34,479	887
40,359	48,237	41,246	887
60,505	62,820	61,392	887
59,364	38,613	60,250	887
45,462	23,624	46,349	887
55,107	34,357	55,994	887
63,239	47,117	64,125	887
71,823	53,291	72,710	887
64,031	62,313	64,917	887
62,111	59,431	62,998	887
55,295	61,170	56,182	887
55,975	45,670	56,861	887
60,832	52,040	61,718	887
74,998	53,689	75,885	887
78,565	80,897	79,452	887
64,336	73,505	65,223	887
58,512	64,251	59,398	887
59,193	36,723	60,079	887
71,134	47,648	72,021	887
76,614	57,428	77,500	887
67,060	72,031	68,075	1,015
64,565	76,189	65,580	1,015
63,604	74,841	64,619	1,015
68,174	76,197	69,189	1,015
62,739	73,226	63,754	1,015
59,476	78,445	60,491	1,015
73,130	97,080	74,145	1,015
79,584	71,007	80,599	1,015

74,366	50,230	75,381	1,015
85,448	53,035	86,463	1,015
90,673	74,055	91,688	1,015
103,459	79,283	104,474	1,015
108,955	62,482	109,970	1,015
105,455	47,332	106,470	1,015
89,548	61,921	90,563	1,015
110,071	76,083	111,086	1,015
107,820	78,037	108,836	1,015
84,653	88,556	85,668	1,015
73,101	103,031	74,116	1,015
61,023	94,916	62,038	1,015
50,021	82,943	51,036	1,015
67,255	80,375	68,271	1,015
69,098	56,144	70,113	1,015
88,449	66,840	89,464	1,015
96,266	68,944	97,282	1,015
100,464	71,066	101,479	1,015
81,222	57,061	82,237	1,015
66,490	56,807	67,505	1,015
65,158	62,187	66,173	1,015
93,938	74,627	94,953	1,015
99,594	66,964	100,609	1,015
60,642	67,226	61,774	1,132
60,384	77,647	61,516	1,132
78,284	65,729	79,417	1,132
79,215	60,469	80,347	1,132
83,002	63,527	84,135	1,132
95,198	82,059	96,330	1,132
100,440	87,919	101,572	1,132
88,708	77,281	89,840	1,132
83,590	69,649	84,722	1,132
85,770	81,862	86,902	1,132
92,649	100,092	93,781	1,132
87,481	103,206	88,614	1,132
95,912	102,267	97,044	1,132
107,738	89,071	108,871	1,132
115,754	85,606	116,887	1,132
96,231	85,022	97,363	1,132
122,196	89,519	123,328	1,132
100,029	74,474	101,161	1,132
77,234	88,563	78,366	1,132
86,929	113,456	88,061	1,132
122,252	130,169	123,384	1,132
149,593	101,370	150,725	1,132
158,720	64,843	159,852	1,132
99,557	54,107	100,689	1,132
111,666	72,000	112,798	1,132
113,935	86,207	115,067	1,132
95,460	74,330	96,593	1,132
99,645	94,099	100,777	1,132
87,567	93,032	88,699	1,132
95,564	110,411	96,697	1,132
112,795	118,307	113,927	1,132
82,473	116,104	83,548	1,075

76,433	88,765	77,508	1,075
83,370	77,573	84,445	1,075
103,286	55,378	104,362	1,075
115,029	54,192	116,104	1,075
102,678	68,225	103,753	1,075
107,635	66,775	108,710	1,075
96,176	69,342	97,251	1,075
96,483	84,191	97,558	1,075
94,144	83,414	95,219	1,075
98,143	91,984	99,218	1,075
90,419	89,391	91,494	1,075
114,533	77,203	115,609	1,075
99,022	74,582	100,097	1,075
103,127	64,177	104,203	1,075
96,242	76,428	97,318	1,075
81,992	77,877	83,068	1,075
92,210	95,302	93,286	1,075
113,566	99,173	114,642	1,075
81,375	88,690	82,450	1,075
70,306	65,470	71,381	1,075
73,360	65,846	74,435	1,075
84,096	69,993	85,171	1,075
94,298	66,957	95,373	1,075
78,218	82,175	79,293	1,075
76,036	107,320	77,112	1,075
67,924	108,696	69,000	1,075
64,316	98,665	65,392	1,075
70,849	85,629	71,924	1,075
77,382	72,480	78,343	961
82,365	71,860	83,327	961
90,151	66,232	91,113	961
92,623	79,410	93,584	961
91,118	88,354	92,079	961
81,104	101,104	82,065	961
81,670	94,502	82,631	961
86,909	77,356	87,871	961
100,960	66,340	101,922	961
104,110	65,430	105,072	961
83,682	60,515	84,644	961
70,343	67,092	71,304	961
59,359	60,791	60,320	961
49,772	49,447	50,733	961
42,942	34,128	43,904	961
64,121	54,260	65,082	961
66,855	67,925	67,816	961
64,794	69,965	65,756	961
62,106	70,215	63,068	961
60,219	55,918	61,180	961
59,660	51,097	60,622	961
65,277	52,195	66,238	961
66,372	57,930	67,333	961
71,287	48,191	72,248	961
54,148	61,837	55,109	961
46,374	65,686	47,335	961
67,200	60,703	68,162	961

66,025	44,602	66,987	961
60,973	41,946	61,935	961
56,761	33,429	57,722	961
50,334	45,717	51,295	961
49,286	50,306	50,095	808
57,631	58,686	58,439	808
53,255	54,291	54,063	808
50,740	51,766	51,548	808
59,285	60,347	60,093	808
51,593	52,623	52,402	808
44,551	45,550	45,359	808
47,909	48,923	48,718	808
44,932	45,933	45,740	808
47,585	48,598	48,394	808
47,432	48,444	48,240	808
44,382	45,381	45,191	808
47,748	48,761	48,556	808
37,444	38,413	38,252	808
41,093	42,077	41,901	808
41,258	42,243	42,067	808
34,355	35,311	35,163	808
28,564	29,495	29,373	808
19,159	20,050	19,968	808
21,351	22,251	22,160	808
32,118	33,064	32,926	808
24,404	25,317	25,212	808
33,420	34,372	34,229	808
34,763	35,720	35,571	808
43,171	44,165	43,980	808
44,865	45,866	45,673	808
28,281	29,211	29,090	808
37,452	38,421	38,260	808
29,778	30,714	30,586	808
21,940	22,842	22,748	808
16,648	17,399	17,327	680
16,299	17,049	16,979	680
13,869	14,608	14,549	680
11,457	12,186	12,137	680
19,705	20,469	20,385	680
35,008	35,838	35,688	680
35,027	35,857	35,707	680
28,776	29,579	29,456	680
23,197	23,976	23,876	680
16,623	17,374	17,303	680
12,063	12,794	12,742	680
13,736	14,474	14,415	680
25,165	25,953	25,845	680
28,150	28,951	28,830	680
30,309	31,118	30,989	680
34,452	35,280	35,132	680
26,670	27,464	27,350	680
25,504	26,293	26,183	680
18,598	19,357	19,277	680
21,689	22,462	22,369	680
24,203	24,987	24,883	680

30,922	31,734	31,601	680
26,520	27,314	27,200	680
22,063	22,837	22,742	680
18,673	19,433	19,353	680
19,007	19,768	19,686	680
23,433	24,213	24,112	680
21,539	22,311	22,219	680
22,349	23,124	23,029	680
29,291	30,097	29,971	680
28,129	28,929	28,809	680
15,073	15,753	15,688	616
18,988	19,685	19,604	616
22,423	23,135	23,039	616
20,255	20,957	20,870	616
28,659	29,397	29,274	616
31,927	32,680	32,543	616
18,548	19,243	19,164	616
12,390	13,058	13,005	616
13,711	14,385	14,326	616
16,299	16,985	16,915	616
16,299	16,985	16,915	616
16,299	16,985	16,915	616
16,299	16,985	16,915	616
13,869	14,544	14,484	616
11,457	12,122	12,073	616
16,695	17,382	17,311	616
17,246	17,935	17,862	616
16,498	17,184	17,114	616
13,661	14,335	14,276	616
16,299	16,985	16,915	616
13,869	14,544	14,484	616
11,457	12,122	12,073	616
13,661	14,335	14,276	616
16,299	16,985	16,915	616
16,299	16,985	16,915	616
16,299	16,985	16,915	616
18,537	19,232	19,152	616
14,579	15,257	15,194	616
11,607	12,272	12,222	616
13,661	14,335	14,276	616
16,299	16,945	16,875	576
16,299	16,945	16,875	576
16,299	16,945	16,875	576
13,661	14,295	14,236	576
13,869	14,504	14,445	576
11,457	12,082	12,033	576
13,661	14,295	14,236	576
16,299	16,945	16,875	576
16,299	16,945	16,875	576
16,299	16,945	16,875	576
16,299	16,945	16,875	576
13,869	14,504	14,445	576
11,769	12,395	12,344	576
14,075	14,711	14,651	576
16,424	17,070	17,000	576

16,321	16,967	16,897	576
16,299	16,945	16,875	576
16,299	16,945	16,875	576
13,869	14,504	14,445	576
11,457	12,082	12,033	576
13,661	14,295	14,236	576
16,299	16,945	16,875	576
16,299	16,945	16,875	576
16,299	16,945	16,875	576
16,299	16,945	16,875	576
13,869	14,504	14,445	576
11,457	12,082	12,033	576
16,636	17,283	17,212	576
17,229	17,878	17,804	576
16,495	17,141	17,070	576
16,299	16,945	16,875	576
16,299	16,969	16,899	599
13,869	14,528	14,468	599
11,457	12,106	12,057	599
13,661	14,319	14,260	599
16,299	16,969	16,899	599
16,299	16,969	16,899	599
17,822	18,497	18,421	599
16,790	17,461	17,390	599
13,972	14,631	14,571	599
11,457	12,106	12,057	599
13,661	14,319	14,260	599
16,299	16,969	16,899	599
16,299	16,969	16,899	599
16,299	16,969	16,899	599
16,299	16,969	16,899	599
15,789	16,456	16,388	599
12,071	12,722	12,670	599
13,790	14,448	14,389	599
16,299	16,969	16,899	599
16,299	16,969	16,899	599
16,299	16,969	16,899	599
18,219	18,897	18,819	599
14,482	15,144	15,082	599
11,586	12,235	12,186	599
13,661	14,319	14,260	599
16,299	16,969	16,899	599
16,299	16,969	16,899	599
16,299	16,969	16,899	599
16,299	16,969	16,899	599
13,869	14,528	14,468	599
11,457	12,106	12,057	599
13,661	14,352	14,294	633
17,684	18,393	18,317	633
23,823	24,558	24,456	633
24,229	24,966	24,862	633
24,703	25,441	25,336	633
20,100	20,819	20,733	633
16,239	16,941	16,872	633
14,904	15,600	15,536	633

16,506	17,209	17,139	633
20,323	21,043	20,956	633
19,861	20,579	20,494	633
17,296	18,003	17,929	633
14,024	14,717	14,657	633
11,457	12,139	12,090	633
14,032	14,725	14,665	633
21,787	22,513	22,420	633
17,925	18,634	18,557	633
19,799	20,516	20,432	633
24,533	25,271	25,166	633
18,499	19,211	19,132	633
12,635	13,322	13,268	633
15,742	16,442	16,374	633
20,938	21,660	21,571	633
17,659	18,367	18,292	633
16,558	17,261	17,190	633
17,826	18,535	18,459	633
16,287	16,989	16,919	633
12,176	12,861	12,809	633
18,701	19,414	19,334	633
27,536	28,287	28,169	633
30,545	31,436	31,305	759
29,143	30,027	29,902	759
22,524	23,380	23,283	759
26,578	27,451	27,337	759
24,918	25,784	25,678	759
21,773	22,625	22,532	759
22,116	22,970	22,875	759
19,984	20,829	20,743	759
31,670	32,565	32,429	759
36,873	37,790	37,632	759
30,107	30,995	30,866	759
22,716	23,573	23,476	759
23,735	24,596	24,495	759
34,052	34,957	34,811	759
39,035	39,962	39,795	759
23,907	24,769	24,666	759
18,652	19,492	19,412	759
18,909	19,749	19,668	759
15,919	16,746	16,678	759
21,304	22,155	22,064	759
19,086	19,927	19,845	759
33,601	34,504	34,360	759
32,838	33,738	33,597	759
36,003	36,917	36,763	759
43,891	44,838	44,650	759
46,206	47,163	46,965	759
40,250	41,182	41,009	759
43,798	44,745	44,557	759
40,281	41,213	41,040	759
39,676	40,605	40,435	759
49,739	50,712	50,499	759
50,545	54,200	51,432	887
40,059	53,161	40,946	887

38,335	57,746	39,222	887
48,836	50,034	49,723	887
55,964	43,948	56,851	887
55,887	41,539	56,774	887
51,094	58,032	51,981	887
61,378	63,989	62,264	887
62,652	56,986	63,538	887
90,570	54,184	91,456	887
34,209	53,245	35,096	887
41,100	49,223	41,986	887
61,616	64,110	62,502	887
60,453	39,399	61,340	887
46,296	24,098	47,183	887
56,118	35,055	57,005	887
64,399	48,080	65,286	887
73,141	54,383	74,027	887
65,205	63,593	66,092	887
63,251	60,651	64,138	887
56,310	62,426	57,197	887
57,002	46,603	57,888	887
61,948	53,106	62,834	887
76,374	54,789	77,261	887
80,007	82,564	80,893	887
65,516	75,017	66,403	887
59,585	65,571	60,472	887
60,279	37,470	61,166	887
72,439	48,622	73,326	887
78,019	58,606	78,906	887
68,290	73,510	69,305	1,015
65,750	77,755	66,765	1,015
64,771	76,379	65,786	1,015
69,425	77,763	70,440	1,015
63,890	74,730	64,905	1,015
60,567	80,058	61,582	1,015
74,471	99,081	75,487	1,015
81,044	72,465	82,059	1,015
75,731	51,255	76,746	1,015
87,016	54,119	88,031	1,015
92,336	75,576	93,351	1,015
105,358	80,913	106,373	1,015
110,954	63,763	111,969	1,015
107,390	48,296	108,405	1,015
91,191	63,189	92,206	1,015
112,090	77,647	113,105	1,015
109,799	79,641	110,814	1,015
86,206	90,379	87,221	1,015
74,442	105,156	75,457	1,015
62,142	96,872	63,158	1,015
50,939	84,649	51,954	1,015
68,489	82,028	69,505	1,015
70,366	57,293	71,381	1,015
90,072	68,211	91,087	1,015
98,033	70,359	99,048	1,015
102,307	72,525	103,322	1,015
82,712	58,228	83,727	1,015

67,710	57,969	68,725	1,015
66,353	63,461	67,369	1,015
95,661	76,160	96,676	1,015
101,422	68,338	102,437	1,015
61,755	68,603	62,887	1,132
61,492	79,241	62,624	1,132
79,721	67,074	80,853	1,132
80,668	61,705	81,800	1,132
84,525	64,827	85,657	1,132
96,945	83,745	98,077	1,132
102,283	89,726	103,415	1,132
90,335	78,867	91,467	1,132
85,123	71,076	86,255	1,132
87,343	83,544	88,475	1,132
94,349	102,153	95,481	1,132
89,087	105,332	90,219	1,132
97,672	104,373	98,804	1,132
109,715	90,903	110,847	1,132
117,878	87,366	119,010	1,132
97,997	86,769	99,129	1,132
124,438	91,360	125,571	1,132
101,864	76,001	102,996	1,132
78,651	90,384	79,783	1,132
88,523	115,796	89,656	1,132
124,495	132,857	125,627	1,132
152,337	103,458	153,469	1,132
161,632	66,170	162,764	1,132
101,383	55,210	102,515	1,132
113,715	73,476	114,847	1,132
116,026	87,980	117,158	1,132
97,212	75,854	98,344	1,132
101,473	96,036	102,605	1,132
89,174	94,946	90,306	1,132
97,318	112,687	98,450	1,132
114,864	120,748	115,997	1,132
83,986	118,539	85,100	1,114
77,835	90,630	78,949	1,114
84,900	79,205	86,014	1,114
105,181	56,548	106,295	1,114
117,139	55,337	118,253	1,114
104,561	69,663	105,675	1,114
109,609	68,182	110,723	1,114
97,940	70,803	99,054	1,114
98,253	85,961	99,367	1,114
95,871	85,168	96,985	1,114
99,944	93,917	101,058	1,114
92,078	91,269	93,192	1,114
116,635	78,827	117,749	1,114
100,838	76,152	101,952	1,114
105,020	65,530	106,133	1,114
98,008	78,037	99,122	1,114
83,497	79,516	84,611	1,114
93,902	97,303	95,016	1,114
115,650	101,255	116,764	1,114
82,868	90,554	83,982	1,114

71,596	66,850	72,710	1,114
74,706	67,234	75,820	1,114
85,639	71,468	86,753	1,114
96,028	68,368	97,142	1,114
79,653	83,903	80,767	1,114
77,432	109,571	78,546	1,114
69,171	110,976	70,284	1,114
65,497	100,737	66,610	1,114
78,802	73,969	79,763	961
83,876	73,337	84,838	961
91,805	67,592	92,767	961
94,322	81,044	95,284	961
92,790	90,175	93,751	961
82,592	103,190	83,554	961
83,168	96,450	84,130	961
88,504	78,947	89,465	961
102,813	67,702	103,774	961
106,020	66,773	106,982	961
85,218	61,755	86,179	961
71,634	68,469	72,595	961
60,448	62,037	61,409	961
50,685	50,457	51,646	961
43,730	34,819	44,692	961
65,297	55,370	66,259	961
68,081	69,320	69,043	961
65,983	71,402	66,945	961
63,246	71,657	64,207	961
61,323	57,062	62,285	961
60,755	52,141	61,716	961
66,474	53,262	67,436	961
67,590	59,117	68,551	961
72,595	49,175	73,556	961
55,142	63,105	56,103	961
47,224	67,035	48,186	961
68,433	61,947	69,395	961
67,237	45,511	68,198	961
62,092	42,800	63,053	961
57,802	34,105	58,763	961
51,257	46,649	52,219	961
50,191	51,337	50,999	808
58,688	59,892	59,497	808
54,232	55,405	55,040	808
51,671	52,827	52,479	808
60,372	61,587	61,181	808
52,540	53,702	53,348	808
45,368	46,482	46,176	808
48,788	49,925	49,597	808
45,756	46,873	46,564	808
48,458	49,593	49,267	808
48,302	49,436	49,111	808
45,197	46,309	46,005	808
48,624	49,760	49,432	808
38,131	39,196	38,939	808
41,847	42,937	42,655	808
42,015	43,106	42,824	808

34,985	36,029	35,794	808
29,088	30,093	29,897	808
19,511	20,451	20,319	808
21,743	22,698	22,551	808
32,707	33,735	33,515	808
24,852	25,827	25,660	808
34,033	35,071	34,842	808
35,401	36,448	36,209	808
43,964	45,068	44,772	808
45,688	46,804	46,497	808
28,800	29,802	29,609	808
38,139	39,204	38,947	808
30,324	31,336	31,132	808
22,342	23,301	23,151	808
16,953	17,747	17,633	680
16,598	17,390	17,278	680
14,123	14,898	14,803	680
11,668	12,426	12,347	680
20,067	20,882	20,746	680
35,650	36,570	36,330	680
35,670	36,589	36,349	680
29,304	30,181	29,984	680
23,622	24,461	24,302	680
16,928	17,722	17,608	680
12,284	13,046	12,964	680
13,988	14,762	14,667	680
25,627	26,479	26,307	680
28,667	29,540	29,347	680
30,865	31,753	31,545	680
35,085	36,000	35,764	680
27,159	28,022	27,839	680
25,972	26,826	26,651	680
18,939	19,746	19,619	680
22,087	22,915	22,767	680
24,647	25,493	25,327	680
31,489	32,381	32,169	680
27,007	27,868	27,687	680
22,467	23,298	23,147	680
19,016	19,823	19,695	680
19,355	20,165	20,035	680
23,863	24,703	24,542	680
21,934	22,761	22,614	680
22,759	23,592	23,439	680
29,829	30,709	30,508	680
28,645	29,518	29,325	680
15,349	16,068	15,965	615
19,337	20,082	19,952	615
22,835	23,604	23,450	615
20,627	21,381	21,242	615
29,184	29,996	29,800	615
32,513	33,348	33,129	615
18,889	19,631	19,504	615
12,617	13,318	13,233	615
13,962	14,672	14,578	615
16,598	17,326	17,214	615

16,598	17,326	17,214	615
16,598	17,326	17,214	615
16,598	17,326	17,214	615
14,123	14,834	14,739	615
11,668	12,362	12,283	615
17,001	17,731	17,617	615
17,562	18,296	18,178	615
16,801	17,529	17,416	615
13,912	14,621	14,527	615
16,598	17,326	17,214	615
14,123	14,834	14,739	615
11,668	12,362	12,283	615
13,912	14,621	14,527	615
16,598	17,326	17,214	615
16,598	17,326	17,214	615
16,598	17,326	17,214	615
18,877	19,620	19,492	615
14,846	15,562	15,462	615
11,819	12,515	12,435	615
13,912	14,621	14,527	615
16,598	17,286	17,174	576
16,598	17,286	17,174	576
16,598	17,286	17,174	576
13,912	14,581	14,487	576
14,123	14,794	14,699	576
11,668	12,322	12,243	576
13,912	14,581	14,487	576
16,598	17,286	17,174	576
16,598	17,286	17,174	576
16,598	17,286	17,174	576
16,598	17,286	17,174	576
14,123	14,794	14,699	576
11,985	12,641	12,560	576
14,334	15,006	14,909	576
16,726	17,414	17,301	576
16,621	17,308	17,196	576
16,598	17,286	17,174	576
16,598	17,286	17,174	576
14,123	14,794	14,699	576
11,668	12,322	12,243	576
13,912	14,581	14,487	576
16,598	17,286	17,174	576
16,598	17,286	17,174	576
16,598	17,286	17,174	576
16,598	17,286	17,174	576
14,123	14,794	14,699	576
11,668	12,322	12,243	576
16,941	17,631	17,517	576
17,545	18,238	18,120	576
16,797	17,486	17,373	576
16,598	17,286	17,174	576
16,598	17,310	17,198	599
14,123	14,818	14,723	599
11,668	12,346	12,267	599
13,912	14,605	14,511	599

16,598	17,310	17,198	599
16,598	17,310	17,198	599
18,149	18,870	18,748	599
17,098	17,813	17,698	599
14,228	14,924	14,828	599
11,668	12,346	12,267	599
13,912	14,605	14,511	599
16,598	17,310	17,198	599
16,598	17,310	17,198	599
16,598	17,310	17,198	599
16,598	17,310	17,198	599
16,079	16,786	16,678	599
12,292	12,974	12,892	599
14,043	14,737	14,642	599
16,598	17,310	17,198	599
16,598	17,310	17,198	599
16,598	17,310	17,198	599
18,554	19,278	19,153	599
14,748	15,447	15,347	599
11,799	12,478	12,398	599
13,912	14,605	14,511	599
16,598	17,310	17,198	599
16,598	17,310	17,198	599
16,598	17,310	17,198	599
16,598	17,310	17,198	599
14,123	14,818	14,723	599
11,668	12,346	12,267	599
13,912	14,638	14,544	633
18,009	18,763	18,641	633
24,260	25,056	24,893	633
24,674	25,472	25,306	633
25,156	25,958	25,789	633
20,469	21,239	21,101	633
16,537	17,281	17,170	633
15,177	15,912	15,810	633
16,809	17,555	17,442	633
20,696	21,468	21,328	633
20,226	20,995	20,858	633
17,613	18,365	18,246	633
14,281	15,010	14,914	633
11,668	12,379	12,300	633
14,290	15,019	14,922	633
22,187	22,969	22,820	633
18,254	19,009	18,886	633
20,162	20,931	20,795	633
24,983	25,784	25,616	633
18,838	19,598	19,471	633
12,867	13,586	13,499	633
16,030	16,771	16,663	633
21,322	22,098	21,955	633
17,983	18,737	18,616	633
16,862	17,608	17,494	633
18,153	18,908	18,786	633
16,586	17,330	17,218	633
12,399	13,116	13,032	633

19,044	19,805	19,677	633
28,042	28,863	28,674	633
31,106	32,075	31,865	759
29,678	30,637	30,437	759
22,937	23,851	23,697	759
27,065	28,007	27,825	759
25,375	26,306	26,135	759
22,172	23,081	22,931	759
22,522	23,433	23,281	759
20,350	21,247	21,110	759
32,251	33,227	33,010	759
37,549	38,561	38,308	759
30,660	31,625	31,419	759
23,133	24,048	23,892	759
24,171	25,093	24,930	759
34,677	35,669	35,436	759
39,752	40,779	40,511	759
24,346	25,269	25,105	759
18,995	19,882	19,754	759
19,256	20,145	20,015	759
16,211	17,079	16,970	759
21,695	22,601	22,455	759
19,436	20,327	20,196	759
34,218	35,207	34,977	759
33,440	34,425	34,199	759
36,664	37,670	37,423	759
44,696	45,756	45,455	759
47,054	48,130	47,813	759
40,988	42,024	41,748	759
44,602	45,661	45,361	759
41,020	42,055	41,779	759
40,404	41,435	41,163	759
50,652	51,752	51,411	759

Docket No. DG 24-106
DOE Technical Statement
Attachment B (DOE 1-4.2_COG)

Docket No. DG 24-106
DOE Technical Statement
Attachment B (DOE 1-8e.1_COG)

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Incremental Production Cost Summary - LNG Peaker Unit

Line No.	Description	Company Total	Explanation
	Cost of Production-related Distribution System Reinforcement		
1	Cost of Incremental Production Capacity (2016$)		
2	Cost of Incremental LNG Capactity	$ 6,417,840	WP-MFB-1 p1 , Line12
3	Incremental Capacity	10,000	WP-MFB-1 p1 Line 13
4	Unit Cost of Incremental Production Capacity	$642	Line 2 / Line 3
5	Year of System Pressure Support Analysis	2016	
6	Base year of MCS study	2016	
7	Years Before production-related Pressure Support	0	Line 6 - Line 5
8	Discount (Inflation) rate	1.10%	MFB-7 p1 Line 17
9	Present Worth of Capacity Cost	$ 642	Line 4 x ((1 + Line 8)^ Line 7))
10	Percentage Related to Pressure Support	8.7%	MFB-1 p2 Line 10
11	Production Plant for Distribution Function (Pressure Support)	$56.05	Line 9 x Line 10

Liberty Utilities (EnergyNorth Natural Gas) Corp. MCS Study
Distribution-related Production Plant Investment

Local Production Facilities

Line No.	Plant Name	Location	Type	Rating, mscfg	Heat Rate	Hours per Day	Design Day Dth	Explanation
1	38 Bridge St	Nashua	LP-Air	600	1,250	24	18,000	Company Data
2	130 Elm St	Manchester	LP-Air	600	1,250	24	18,000	Company Data
3	130 Elm St	Manchester	LNG	220	1,050	24	5,544	Company Data
4	Broken Bridge	Concord	LNG	220	1,050	24	5,544	Company Data
5	Tilton Plant	Tilton	LP-Air	60	1,250	24	1,800	Company Data
6	Tilton Plant	Tilton	LNG	350	1,050	24	8,820	Company Data
7	Total			2,050			57,708	Σ line 1 to Line 6

Production Requirements in lieu of Distribution investments
Output Required for Pressure Support

Line No.	Plant Name	Location	Type	Rating, mscfg	Heat Rate	Hours per Day	Design Day Dth	
8	Tilton Plant	Tilton	LNG	200	1,050	24	5,040	Company Data
9	Total			200			5,040	

10	Production Allocated to Pressure Support Function	8.7%	Line 9 / Line 7

Liberty Utilities (Energy North Natural Gas) Corp.
Marginal Cost Study

Marginal Capacity Related Distribution Plant Costs for Reinforcements

Selected Model: Distribution Plant Additions for Reinforcements 2016$ = F(Design Day Demand, Design Day Demand x $\text{Dummy}_{2018 \text{ to } 2026}$)

Dependent Variable: Cumulative Annual Distribution Plant Additions for Reinforcements 2016$ (2016 - 2026)				
Explanatory Variables	Database variable name	Coefficient value	t test	Significance
Constant	Constant	-7,420,454	-6.99	0.000
Design Day Demand	Design demand	55.15	8.34	0.000
Interactive: Design Day Demand x Years 2018 to 2026	I_18_26xDD	8.18	6.39	0.000
Model Statistics				
R_Squared	0.984			
Mean Absolute % Error (MAPE)	5.999			
Passes ACF/PACF	Yes			

Marginal Cost Calculation

Distribution Plant Additions for Reinforcements = - $7,420,454 + $55.15 x Design demand + $8.18 x I_18_26xDD

For the period prior to 2018:

∂ Distribution Plant Additions for Reinforcements / ∂ Design Day Demand = $55.15 per Dth

For the period 2018 and beyond:

∂ Distribution Plant Additions for Reinforcements / ∂ Design Day Demand = $63.33 per Dth

Liberty Utilities (Energy North Natural Gas) Corp.
Marginal Cost Study

Marginal Capacity Related Distribution Plant Costs for Main Extensions

Selected Model: Distribution Plant Additions for Main Extensions 2016$ = F(Design Day Demand, Design Day Demand x $Dummy_{2012\ to\ 2016}$, $Dummy_{2000}$, $Dummy_{2012\ to\ 2016}$, $Dummy_{2002\ to\ 2004}$)

Dependent Variable
Cumulative Annual Distribution Plant Additions for Main Extensions 2016$ $_{(1989 - 2016)}$

Explanatory Variables	Database variable name	Coefficient value	t test	Significance
Constant	Constant	-154,293,378	-17.74	0.000
Design Day Demand	Design Day Demand	1,672.54	23.34	0.000
Interactive: Design Day Demand x Years 2012 to 2016	I_12_16	-1,167.36	-2.95	0.007
Dummy: 2000	D_00	-19,451,333	-3.05	0.006
Dummy: 2012 to 2016	D_12_16	181,754,420	3.04	0.006
Dummy: 2002 to 2004	D_02_04	21,550,107	5.60	0.000
Model Statistics				
R_Squared	0.977			
Mean Absolute % Error (MAPE)	15.480			
Passes ACF/PACF	Yes			

Marginal Cost Calculation

Distribution Plant Additions for Main Extensions = - $154,293,378 + $1,672.54 x Design Day Demand + - $1,167.36 x I_12_16 + - $19,451,333 x D_00 + $181,754,420 x D_12_16 + $21,550,107 x D_02_0

For the period prior to 2012:

∂ Distribution Plant Additions for Main Extensions / ∂ Design Day Demand = $1,672.54 per Dth

For the period 2012 and beyond:

∂ Distribution Plant Additions for Main Extensions / ∂ Design Day Demand = $505.18 per Dth

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Services and Meters Plant Investment

Line No.	Description	R-1	R-3 R-4	G-41	G-42	G-43	G-51	G-52	G-53	G-54	Explanation
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
1	**Service Costs**										
2	Representative Cost	$4,918	$4,918	$4,918	$7,300	$10,913	$4,918	$7,300	$23,006	$54,416	Company Data
3	Customers per Service	1.32	1.32	1.32	1.00	1.00	1.32	1.00	1.00	1.00	Company Data
4	Average Service Cost per Customer	$3,738	$3,738	$3,738	$7,300	$10,913	$3,738	$7,300	$23,006	$54,416	Line 2 / Line 3
5	**Meter Costs**										
6	Current Unit Cost for Metering	$310	$310	$979	$2,433	$6,025	$979	$1,617	$7,312	$9,675	Company Data
7	Meters per Customer	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	Company Data
8	Average Meter Cost per Customer	$310	$310	$979	$2,433	$6,025	$979	$1,617	$7,312	$9,675	Line 6 * Line 7
9	Total	$4,048	$4,048	$4,717	$9,733	$16,937	$4,717	$8,917	$30,318	$64,091	Line 4 + Line 8

Liberty Utilities (Energy North Natural Gas) Corp.
Marginal Cost Study

Marginal Capacity Related Production (Pressure Support) Expense

Selected Model: Capacity Related Production Expense 2016$ = F(Design Day Demand, Design Day Demand x $Dummy_{2006\ to\ 2016,}$ $Dummy_{2006\ to\ 2016,}$ Lag 1)

Dependent Variable: Total Capacity Related Production Expense 2016$ (1989 - 2016)				
Explanatory Variables	Database variable name	Coefficient value	t test	Significance
Constant	Constant	2,515,397	4.55	0.000
Design Day Demand	Design Day Demand	-13.92	-2.87	0.009
Interactive: Design Day Demand x Years 2006 to 2016	I_06_16	34.49	2.62	0.015
Dummy: 2006 to_2016	D_06_16	-4,861,773	-2.64	0.015
Autoregressive Term Lag 1	Lag 1	0.56	2.91	0.008
Model Statistics				
R_Squared	0.769			
Mean Absolute % Error (MAPE)	16.892			
Passes ACF/PACF	Yes			

Marginal Cost Calculation

Capacity Related Production Expense = $2,515,397 + - $13.92 x Design Day Demand + $34.49 x I_06_16 + - $4,861,773 x D_06_16 + $0.56 x Lag 1

For the period prior to 2006:

∂ Capacity Related Production Expense / ∂ Design Day Demand = - $13.92 per Dth

For the period 2006 and beyond:

∂ Capacity Related Production Expense / ∂ Design Day Demand =	$20.57 per Dth		
Percentage Related to Distribution Function		8.7%	MFB-1 p1, Line 10
Distribution Related O&M Expense	$	1.80	Line 23 x Line 24

Liberty Utilities (Energy North Natural Gas) Corp.
Marginal Cost Study

Marginal Capacity Related Distribution Operations & Maintenance Expense

Selected Model: Capacity Related Distribution Operations & Maintenance Expense 2016$ = F(Design Day Demand, $Dummy_{2010,}$ $Dummy_{2014\ to\ 2016}$)

Dependent Variable: Total Capacity Related Distribution Operations & Maintenance Expense 2016$ (1989 - 2016)				
Explanatory Variables	Database variable name	Coefficient value	t test	Significance
Constant	Constant	422,350	0.57	0.575
Design Day Demand	Design Day Demand	29.43	4.86	0.000
Dummy: 2010	D_10	1,200,663	2.10	0.047
Dummy: 2014 to 2016	D_14_16	2,312,231	5.84	0.000
Model Statistics				
R_Squared	0.845			
Mean Absolute % Error (MAPE)	8.626			
Passes ACF/PACF	Yes			

Marginal Cost Calculation

Capacity Related Distribution Operations & Maintenance Expense = $422,350 + $29.43 x Design Day Demand + $1,200,663 x D_10 + $2,312,231 x D_14_16

∂ Capacity Related Distribution Operations & Maintenance Expense / ∂ Design Day Demand = $29.43 per Dth

Liberty Utilities (Energy North Natural Gas) Corp.
Marginal Cost Study

Marginal Customer Related Distribution Operations & Maintenance Expense

Selected Model: Customer Related Distribution Operations & Maintenance Expense 2016$ = F(Annual Customers, $Dummy_{2003\ to\ 2013}$, $Dummy_{2012}$, $Dummy_{2010}$, $Dummy_{2014}$, $Dummy_{2009\ and\ beyond}$, $Dummy_{2000\ and\ beyond}$, Annual Customers x $Dummy_{1989\ to\ 1998,}$ $Dummy_{1989\ to\ 1998,}$ $Dummy_{2002,}$ $Dummy_{2008}$)

Dependent Variable Total Customer Related Distribution Operations & Maintenance Expense 2016$ (1989 - 2016)				
Explanatory Variables	Database variable name	Coefficient value	t test	Significance
Constant	Constant	1,580,466	1.32	0.205
Annual Customers	Annual Customers	45.81	2.76	0.014
Dummy: 2003-2013	D_03_13	-1,338,653	-11.56	0.000
Dummy: 2012	D_12	-802,921	-3.85	0.001
Dummy: 2010	D_10	757,108	3.53	0.003
Dummy: 2014	D_14	794,581	3.75	0.002
Dummy: 2009 and After	D_09_After	808,377	4.55	0.000
Dummy: 2000 and After	D_00_After	-781,318	-3.27	0.005
Interactive: Annual Customers x Years 1989 to 1998	I_89_98	-116.91	-4.89	0.000
Dummy: 1989 to 1998	D_89_98	8,302,254	5.11	0.000
Dummy: 2002	D_02	-1,025,833	-4.70	0.000
Dummy: 2008	D_08	562,638	2.68	0.016
Model Statistics				
R_Squared	0.981			
Mean Absolute % Error (MAPE)	2.184			
Passes ACF/PACF	Yes			

Marginal Cost Calculation

Customer Related Distribution Operations & Maintenance Expense = $1,580,466 + $45.81 x Annual Customers + - $1,338,653 x D_03_13 + - $802,921 x D_12 + $757,108 x D_10 + $794,581 x D_14 + $808,377 x D_09_After + - $781,318 x D_00_After + - $116.91 x I_89_98 + $8,302,254 x D_89_98 + - $1,025,833 x D_02 + $562,638 x D_08

For the period prior to 1999:

∂ Customer Related Distribution Operations & Maintenance Expense / ∂ Annual Customers = - $71.09 per Customer

For the period 1999 and beyond:

∂ Customer Related Distribution Operations & Maintenance Expense / ∂ Annual Customers = $45.81 per Customer

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Class Weighted Customer Related Expense

		Customer Weightings			Customer Weightings		
Line No.	Customer Groups	Test Year Number of Customers	Service and Meter Plant per customer	Total Cost	Relative Weight Per Customer	System Average Marginal Cost per Customer	Weighted Marginal Cost Per Customer
	(A)	(B)	(C)	(D)	(E)	(F)	(G)
		WP-MFB-BillingDets, Col (E) Lines 2 to 12	MFB-2 p1, Line 9	Col (B) x Col (C)	Col (C) Line n / Line 11	Col (G) Line 10	Col (E) x (F)
1	R-1	3,036	$4,048	12,289,041	0.946	$45.81	$43.35
2	R-3, R-4	76,093	$4,048	308,014,867	0.946	$45.81	$43.35
3	G-41	8,517	$4,717	40,171,435	1.103	$45.81	$50.51
4	G-42	1,714	$9,733	16,679,624	2.275	$45.81	$104.23
5	G-43	51	$16,937	856,504	3.959	$45.81	$181.38
6	G-51	1,251	$4,717	5,901,435	1.103	$45.81	$50.51
7	G-52	309	$8,917	2,750,838	2.084	$45.81	$95.49
8	G-53	34	$30,318	1,017,677	7.087	$45.81	$324.68
9	G-54	27	$64,091	1,760,359	14.981	$45.81	$686.35
10	Total	91,031		389,441,781			$45.81
11	Avg Cost per Customer		$4,278				

Liberty Utilities (Energy North Natural Gas) Corp.
Marginal Cost Study

Marignal Customer Accounting & Marketing Expense

Selected Model: Customer Related Expense 2016$ = F(Annual Customers, $Dummy_{2012}$, Annual Customers x $Dummy_{2005\ to\ 2016}$, $Dummy_{2005\ to\ 2016}$, $Dummy_{2011}$, $Dummy_{2001\ to\ 2002}$, $Dummy_{1989}$)

Dependent Variable: Total Customer Related Expense 2016$ (1989 - 2016)				
Explanatory Variables	Database variable name	Coefficient value	t test	Significance
Constant	Constant	14,283,323	10.12	0.000
Annual Customers	Annual Customers	(136.00)	-6.57	0.000
Dummy: 2012	D_12	5,491,884	11.29	0.000
Interactive: Annual Customers x Years 2005 to 2016	I_05_16	214.30	4.05	0.001
Dummy: 2005 to 2016	D_05_16	(16,278,569)	-3.70	0.001
Dummy: 2011	D_11	3,469,154	7.13	0.000
Dummy: 2001 to 2002	D_01_02	(2,497,309)	-6.56	0.000
Dummy: 1989	D_89	(1,327,716)	-2.57	0.018
Model Statistics				
R_Squared	0.943			
Mean Absolute % Error (MAPE)	6.863			
Passes ACF/PACF	Yes			

Marginal Cost Calculation

Customer Related Expense = $14,283,323 + - $136.00 x Annual Customers + $5,491,884 x D_12 + $214.30 x I_05_16 + - $16,278,569 x D_05_16 + $3,469,154 x D_11 + - $2,497,309 x D_01_02 + - $1,327,716 x D_89

For the period prior to 2005:

∂ Customer Related Expense / ∂ Annual Customers = - $136.00 per Customer

For the period 2005 and beyond:

∂ Customer Related Expense / ∂ Annual Customers = $78.30 per Customer

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Class Weighted Bad Debt Accounts Expense

Line No.	Rate Class	Gross Bad Debt Expense 2016	Percent of Total	Adjusted Bad Debt Accounts Expense	Total Normalized Distribution Revenues	Bad Debt Expense Percentage
	(A)	(B) Company Data	(C) Col (B) line (n) / Col (B) Line 10	(D) Col (C) line(n) x Col (D) Line 10	(E) WP-MFB-BillingDets, Col (F)	(F) Col (D) / Col (E)
1	R-1	$ 73,686	2.73%	$40,772	$694,481	5.87%
2	R-3, R-4	$ 2,349,579	87.17%	$1,300,068	$37,445,217	3.47%
3	G-41	$ 156,699	5.81%	$86,705	$11,202,908	0.77%
4	G-42	$ 47,970	1.78%	$26,542	$12,451,487	0.21%
5	G-43	$ -	0.00%	$0	$2,244,971	0.00%
6	G-51	$ 36,289	1.35%	$20,080	$1,390,812	1.44%
7	G-52	$ 31,077	1.15%	$17,196	$1,585,741	1.08%
8	G-53	$ -	0.00%	$0	$1,376,073	0.00%
9	G-54	$ -	0.00%	$0	$931,478	0.00%
10	Total	2,695,300	100.00%	1,491,362	69,323,169	2.15%

Liberty Utilities (Energy North Natural Gas) Corp.
Marginal Cost Study

Plant Related A&G Marginal Loading Factor

Selected Model: Plant Related A&G = F(Total Utility Plant, Total Utility Plant x $Dummy_{2012\ to\ 2016}$, Total Utility Plant x $Dummy_{2003\ to\ 2011}$, $Dummy_{2000}$, $Dummy_{2011}$, $Dummy_{1989\ to\ 2000}$)

Dependent Variable: Total Plant Related A&G (1989 - 2016)				
Explanatory Variables	Database variable name	Coefficient value	t test	Significance
Constant	Constant	147,260	0.50	0.623
Total Utility Plant	Total Utility Plant	0.0044	2.91	0.008
Interactive: Total Utility Plant x Years 2012 to 2016	I_12_16	-0.0023	-2.58	0.018
Interactive: Total Utility Plant x Years 2003 to 2011	I_03_11	-0.0024	-3.29	0.004
Dummy: 2000	D_00	595,156	3.11	0.005
Dummy: 2011	D_11	-461,470	-2.37	0.027
Dummy: 1989 to 2000	D_89_00	695,819	4.67	0.000
Model Statistics				
R_Squared	0.875			
Mean Absolute % Error (MAPE)	12.647			
Passes ACF/PACF	Yes			

Marginal Cost Calculation

Plant Related A&G = $147,260 + $0.00443 x Total Utility Plant + - $0.002 x I_12_16 + - $0.0024 x I_03_11 + $595,156 x D_00 + - $461,470 x D_11 + $695,819 x D_89_00

For the period prior to 2003:

∂ Plant Related A&G / ∂ Total Utility Plant = $0.0044 per dollar of Utility Plant

For the period 2003-2011:

∂ Plant Related A&G / ∂ Total Utility Plant = $0.0021 per dollar of Utility Plant

For the period 2012 and beyond:

∂ Plant Related A&G / ∂ Total Utility Plant = $0.0021 per dollar of Utility Plant

Liberty Utilities (Energy North Natural Gas) Corp.
Marginal Cost Study

Non-Plant Related A&G Marginal Loading Factor

Selected Model: Non-Plant Related A&G = F(Adjusted O&M, Adjusted O&M x $Dummy_{2003\ to\ 2016}$, $Dummy_{2003\ to\ 2016}$, $Dummy_{2012\ to\ 2013}$, $Dummy_{1989\ to\ 2001}$)

Dependent Variable: Total Non-Plant Related A&G (1989 - 2016)				
Explanatory Variables	Database variable name	Coefficient value	t test	Significance
Constant	Constant	12,211,225	4.79	0.000
Adjusted O&M	Adjusted O&M	-1.150	-3.21	0.004
Interactive: Adjusted O&M x Years 2003 to 2016	I_03_16	1.698	4.61	0.000
Dummy: 2003 to 2016	D_03_16	-12,337,744	-4.35	0.000
Dummy: 2012 to 2013	D_12_13	6,232,487	7.03	0.000
Dummy: 1989 to 2001	D_89_01	5,502,395	3.18	0.004
Model Statistics				
R_Squared	0.860			
Mean Absolute % Error (MAPE)	11.001			
Passes ACF/PACF	Yes			

Marginal Cost Calculation

Non-Plant Related A&G = $12,211,225 + - $1.15 x Adjusted O&M + $1.70 x I_03_16 + - $12,337,744 x D_03_16 + $6,232,487 x D_12_13 + $5,502,395 x D_89_01

For the period prior to 2003:

∂ Non-Plant Related A&G / ∂ Adjusted O&M = - $1.150 per dollar of O&M

For the period 2003 and beyond:

∂ Non-Plant Related A&G / ∂ Adjusted O&M = $0.548 per dollar of O&M

Liberty Utilities (Energy North Natural Gas) Corp.
Marginal Cost Study

Materials & Supplies and Prepayments Marginal Loading Factor

Selected Model: Materials & Supplies and Prepayments = F(Total Utility Plant, Total Utility Plant x $Dummy_{2012\ to\ 2016}$, Total Utility Plant x $Dummy_{2003\ to\ 2011}$, $Dummy_{2003\ to\ 2011}$, $Dummy_{2013}$)

Dependent Variable: Materials & Supplies and Prepayments (1989 - 2016)				
Explanatory Variables	Database variable name	Coefficient value	t test	Significance
Constant	Constant	4,518,784	5.60	0.000
Total Utility Plant	Total Utility Plant	-0.015	-2.67	0.014
Interactive: Total Utility Plant x Years 2012 to 2016	I_12_16	0.017	4.52	0.000
Interactive: Total Utility Plant x Years 2003 to 2011	I_03_11	0.025	3.04	0.006
Dummy: 2003 to 2011	D_03_11	-6,846,387	-3.56	0.002
Dummy: 2013	D_13	-2,473,288	-3.12	0.005
Model Statistics				
R_Squared	0.863			
Mean Absolute % Error (MAPE)	106.631			
Passes ACF/PACF	Yes			

Marginal Cost Calculation

Materials & Supplies and Prepayments = $4,518,784 + - $0.02 x Total Utility Plant + $0.02 x I_12_16 + $0.03 x I_03_11 + - $6,846,387 x D_03_11 + - $2,473,288 x D_13

For the period prior to 2003:

∂ Materials & Supplies and Prepayments / ∂ Total Utility Plant = - $0.015 per dollar of Utility Plant

For the period 2003-2011:

∂ Materials & Supplies and Prepayments / ∂ Total Utility Plant = $0.010 per dollar of Utility Plant

For the period 2012 and beyond:

∂ Materials & Supplies and Prepayments / ∂ Total Utility Plant = $0.002 per dollar of Utility Plant

Liberty Utilities (Energy North Natural Gas) Corp.
Marginal Cost Study

General Plant Marginal Loading Factor

Selected Model: General Plant = F(Total Utility Plant, $Dummy_{2012\ to\ 2014}$)

Dependent Variable: General Plant (1989 - 2016)	Database variable name	Coefficient value	t test	Significance
Explanatory Variables				
Constant	Constant	2,565,407	4.40	0.000
Total Utility Plant	Total Utility Plant	0.040	16.22	0.000
Dummy: 2012 to 2014	D_12_14	-7,295,432	-8.75	0.000
Model Statistics				
R_Squared	0.914			
Mean Absolute % Error (MAPE)	8.418			
Passes ACF/PACF	Yes			

Marginal Cost Calculation

General Plant = $2,565,407 + $0.040 x Total Utility Plant + - $7,295,432 x D_12_14

∂ General Plant / ∂ Total Utility Plant = $0.040 per dollar of Utility Plant

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Summary of Levelized Fixed Carrying Charge Rates

Line No.	Description	Engineer's Fixed Charge Rate	Economist's Fixed charge Rate	Explanation
	(A)	(B)	(C)	(D)
1	Fixed Charge Rate Results			
2	Levelized Cost for:		Over Book Life	
3	Production Plant	12.95%	11.42%	MFB-7 p3, Line 13
4	Mains (Cap-related Dist)	12.45%	10.58%	MFB-7 p4, Line 13
5	Services Investment	12.01%	10.39%	MFB-7 p5, Line 13
6	Meters Investment	13.32%	11.92%	MFB-7 p6, Line 13
7	Cost of Capital			
8	Debt	4.43%	50.00%	WP-MFB-7 p1, Line 1
9	Preferred	0.00%	0.00%	WP-MFB-7 p1, Line 2
10	Common	10.30%	50.00%	WP-MFB-7 p1, Line 3
11	Other	0.00%	0.00%	WP-MFB-7 p1, Line 4
12	Weighted Cost of Capital		7.363%	
13	After Tax Cost of New Capital		6.49%	WP-MFB-7 p1, Line 8
14	Incremental Tax Rate		39.41%	WP-MFB-7 p1, Line 6
15	Tax Effected Cost of Capital		10.71%	WP-MFB-7 p1, Line 5
16	Property Tax Rate		2.91%	WP-MFB-7 p1, Line 7
17	Inflation Rate		1.10%	WP-MFB-7 p1, Line 9
18	Property Tax Escalation Rate		2.50%	WP-MFB-7 p1, Line 10

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Levelized Fixed Carrying Charge Analysis, Input Data

Line No.	Variable	Peaking Plant	Capacity - Related Distribution	Services	Meters	Explanation
	(A)	(B)	(C)	(D)	(E)	(F)
1	Plant Data					
2	Capitalized Cost	$1,000	$1,000	$1,000	$1,000	
3	Book Life	35	59	45	29	MFB-7 p8, Col (D)
4	Salvage Value	0%	-15%	-60%	0%	MFB-7 p8, Col (E)
5	MACRS Life	20	20	20	20	
6	Capital Structure					
7	Debt Ratio	50.00%	50.00%	50.00%	50.00%	MFB-7 p1, Col (C), Line 8
8	Preferred Ratio	0.00%	0.00%	0.00%	0.00%	MFB-7 p1, Col (C), Line 9
9	Common Ratio	50.00%	50.00%	50.00%	50.00%	MFB-7 p1, Col (C), Line 10
10	Other	0.00%	0.00%	0.00%	0.00%	MFB-7 p1, Col (C), Line 11
11	Cost of Capital					
12	Debt Cost	4.43%	4.43%	4.43%	4.43%	MFB-7 p1, Col (B), Line 8
13	Preferred Cost	0.00%	0.00%	0.00%	0.00%	MFB-7 p1, Col (B), Line 9
14	Common Cost	10.30%	10.30%	10.30%	10.30%	MFB-7 p1, Col (B), Line 10
15	Other	0.00%	0.00%	0.00%	0.00%	MFB-7 p1, Col (B), Line 11
16	Wtd Cost Of Capital	7.36%	7.36%	7.36%	7.36%	(Line 7 xLine 12) + (Line 8 xLine 13) + (Line 9xLine 14) + (Line 10xLine 15)
17	After Tax Cost of Capital	6.49%	6.49%	6.49%	6.49%	MFB-7 p1, Col (C), Line 13
18	Tax Data					
19	Tax Rate	39.41%	39.41%	39.41%	39.41%	MFB-7 p1, Col (C), Line 14
20	Property Tax Rate	2.91%	2.91%	2.91%	2.91%	MFB-7 p1, Col (C), Line 16
21	Property Insurance	0.01%	0.01%	0.01%	0.01%	WP-MFB-7 p2, Line 3
22	Property Tax Basis	Dep Bal	Dep Bal	Dep Bal	Dep Bal	
23	Misc. Data					
24	Inflation Rate	1.10%	1.10%	1.10%	1.10%	MFB-7 p1, Col (C), Line 17
25	Prop Tax Escalation Rate	2.50%	2.50%	2.50%	2.50%	MFB-7 p1, Col (C), Line 18
26	Return on Rate Base calculation	EOY	EOY	EOY	EOY	

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Levelized Fixed Carrying Charge Analysis
Peaker Plant

		-- Current Dollars -- (Engineer's FCR)		-- Constant Dollars -- (Economist's FCR)	
Line No.	Item	Current Levelized Dollars	Percent Of Capital Investment	Constant Levelized Dollars	Percent Of Capital Investment
	(A)	(B) MFB-7 p7A	(C) Col (B) x 0.001	(D) MFB-7 p7A	(E) Col (D) x 0.001
1	Interest On Debt	$12.69	1.27%	$11.19	1.12%
2	Return On Preferred	$0.00	0.00%	$0.00	0.00%
3	Return On Common	$29.55	2.95%	$26.05	2.61%
4	Return	$42.24	4.22%	$37.24	3.72%
5	Depreciation	$28.57	2.86%	$25.19	2.52%
6	Income Tax	$14.22	1.42%	$12.54	1.25%
7	Deferred Taxes	$5.00	0.50%	$4.40	0.44%
8	Income Tax	$19.22	1.92%	$16.94	1.69%
9	Revenue Tax	$0.00	0.00%	$0.00	0.00%
10	Property Tax	$39.27	3.93%	$34.63	3.46%
11	Property Insurance	$0.17	0.02%	$0.15	0.01%
12	Other	$39.44	3.94%	$34.78	3.48%
13	Total Revenue Required	$129.48	12.95%	$114.15	11.42%

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Levelized Fixed Carrying Charge Analysis
Capacity Related Distribution

		Current Dollars (Engineer's FCR)		Constant Dollars (Economist's FCR)	
Line No.	Item	Current Levelized Dollars	Percent Of Capital Investment	Constant Levelized Dollars	Percent Of Capital Investment
	(A)	(B) MFB-7 p7B	(C) Col (B) x 0.001	(D) MFB-7 p7B	(E) Col (D) x 0.001
1	Interest On Debt	$13.08	1.31%	$11.11	1.11%
2	Return On Preferred	$0.00	0.00%	$0.00	0.00%
3	Return On Common	$30.44	3.04%	$25.86	2.59%
4	Return	$43.51	4.35%	$36.98	3.70%
5	Depreciation	$19.42	1.94%	$16.51	1.65%
6	Income Tax	$12.54	1.25%	$10.66	1.07%
7	Deferred Taxes	$7.26	0.73%	$6.17	0.62%
8	Income Tax	$19.80	1.98%	$16.82	1.68%
9	Revenue Tax	$0.00	0.00%	$0.00	0.00%
10	Property Tax	$41.64	4.16%	$35.38	3.54%
11	Property Insurance	$0.17	0.02%	$0.15	0.01%
12	Other	$41.81	4.18%	$35.53	3.55%
13	Total Revenue Required	$124.54	12.45%	$105.83	10.58%

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Levelized Fixed Carrying Charge Analysis
Services Investment

		Current Dollars (Engineer's FCR)		Constant Dollars (Economist's FCR)	
Line No.	Item	Current Levelized Dollars	Percent Of Capital Investment	Constant Levelized Dollars	Percent Of Capital Investment
	(A)	(B) MFB-7 p7C	(C) Col (B) x 0.001	(D) MFB-7 p7C	(E) Col (D) x 0.001
1	Interest On Debt	$10.60	1.06%	$9.17	0.92%
2	Return On Preferred	$0.00	0.00%	$0.00	0.00%
3	Return On Common	$24.67	2.47%	$21.34	2.13%
4	Return	$35.27	3.53%	$30.51	3.05%
5	Depreciation	$35.56	3.56%	$30.75	3.08%
6	Income Tax	$13.73	1.37%	$11.88	1.19%
7	Deferred Taxes	$2.31	0.23%	$2.00	0.20%
8	Income Tax	$16.05	1.60%	$13.88	1.39%
9	Revenue Tax	$0.00	0.00%	$0.00	0.00%
10	Property Tax	$33.06	3.31%	$28.60	2.86%
11	Property Insurance	$0.15	0.01%	$0.13	0.01%
12	Other	$33.21	3.32%	$28.73	2.87%
13	Total Revenue Required	$120.08	12.01%	$103.87	10.39%

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Levelized Fixed Carrying Charge Analysis
Metering Equipment

		Current Dollars (Engineer's FCR)		Constant Dollars (Economist's FCR)	
Line No.	Item	Current Levelized Dollars	Percent Of Capital Investment	Constant Levelized Dollars	Percent Of Capital Investment
	(A)	(B)	(C)	(D)	(E)
		MFB-7 p7D	Col (B) x 0.001	MFB-7 p7D	Col (D) x 0.001
1	Interest On Debt	$12.54	1.25%	$11.22	1.12%
2	Return On Preferred	$0.00	0.00%	$0.00	0.00%
3	Return On Common	$29.19	2.92%	$26.12	2.61%
4	Return	$41.74	4.17%	$37.34	3.73%
5	Depreciation	$34.48	3.45%	$30.85	3.09%
6	Income Tax	$15.34	1.53%	$13.73	1.37%
7	Deferred Taxes	$3.65	0.36%	$3.26	0.33%
8	Income Tax	$18.99	1.90%	$16.99	1.70%
9	Revenue Tax	$0.00	0.00%	$0.00	0.00%
10	Property Tax	$37.83	3.78%	$33.85	3.38%
11	Property Insurance	$0.17	0.02%	$0.15	0.01%
12	Other	$38.00	3.80%	$34.00	3.40%
13	Total Revenue Required	$133.20	13.32%	$119.19	11.92%

Liberty Utilities (EnergyNorth Natural Gas) Corp. - Development of Revenue Requirements Stream
Peaker Plant

Year No.	Rate Base	Interest On Debt	Return On Preferred	Return On Common	Tax Depreciation	Tax Depreciation Rate	Book Depreciation	Deferred Taxes	Taxable Income	Income Tax Payable	Revenue Tax	Property Tax	Property Insurance	Annual Revenue Requirements	% of Original Investment Revenue	Present Worth Of Revenue
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
	1000.00						0.00	0.00								
1	967.91	21.42	0.00	49.85	37.50	3.7500%	28.57	3.52	73.34	28.90		29.12	0.15	161.53	16.15%	151.69
2	922.15	20.40	0.00	47.49	72.19	7.219%	28.57	17.19	34.76	13.70		29.85	0.15	157.36	15.74%	138.76
3	878.52	19.44	0.00	45.24	66.77	6.677%	28.57	15.05	36.47	14.37		30.60	0.15	153.43	15.34%	127.05
4	836.87	18.52	0.00	43.10	61.77	6.177%	28.57	13.08	37.93	14.95		31.36	0.15	149.74	14.97%	116.44
5	797.04	17.63	0.00	41.05	57.13	5.713%	28.57	11.25	39.19	15.44		32.15	0.16	146.26	14.63%	106.80
6	758.90	16.79	0.00	39.08	52.85	5.285%	28.57	9.57	40.23	15.85		32.95	0.16	142.98	14.30%	98.04
7	722.33	15.98	0.00	37.20	48.88	4.888%	28.57	8.00	41.09	16.19		33.78	0.16	139.88	13.99%	90.07
8	687.19	15.20	0.00	35.39	45.22	4.522%	28.57	6.56	41.76	16.46		34.62	0.16	136.97	13.70%	82.82
9	652.30	14.43	0.00	33.59	44.62	4.462%	28.57	6.32	39.40	15.53		35.49	0.16	134.10	13.41%	76.14
10	617.41	13.66	0.00	31.80	44.61	4.461%	28.57	6.32	36.44	14.36		36.37	0.17	131.25	13.12%	69.98
11	582.51	12.89	0.00	30.00	44.62	4.462%	28.57	6.32	33.46	13.19		37.28	0.17	128.42	12.84%	64.30
12	547.62	12.12	0.00	28.20	44.61	4.461%	28.57	6.32	30.51	12.02		38.21	0.17	125.62	12.56%	59.06
13	512.72	11.34	0.00	26.41	44.62	4.462%	28.57	6.32	27.53	10.85		39.17	0.17	122.84	12.28%	54.23
14	477.83	10.57	0.00	24.61	44.61	4.461%	28.57	6.32	24.58	9.69		40.15	0.17	120.08	12.01%	49.79
15	442.93	9.80	0.00	22.81	44.62	4.462%	28.57	6.32	21.60	8.51		41.15	0.17	117.35	11.73%	45.69
16	408.04	9.03	0.00	21.01	44.61	4.461%	28.57	6.32	18.64	7.35		42.18	0.18	114.64	11.46%	41.91
17	373.14	8.26	0.00	19.22	44.62	4.462%	28.57	6.32	15.67	6.17		43.24	0.18	111.96	11.20%	38.44
18	338.25	7.48	0.00	17.42	44.61	4.461%	28.57	6.32	12.71	5.01		44.32	0.18	109.30	10.93%	35.24
19	303.36	6.71	0.00	15.62	44.62	4.462%	28.57	6.32	9.74	3.84		45.42	0.18	106.67	10.67%	32.30
20	268.46	5.94	0.00	13.83	44.61	4.461%	28.57	6.32	6.78	2.67		46.56	0.18	104.07	10.41%	29.59
21	242.36	5.36	0.00	12.48	22.31	2.231%	28.57	(2.47)	26.86	10.59		47.72	0.19	102.44	10.24%	27.35
22	225.05	4.98	0.00	11.59	0.00		28.57	(11.26)	47.70	18.80		48.92	0.19	101.78	10.18%	25.52
23	207.74	4.60	0.00	10.70	0.00		28.57	(11.26)	46.23	18.22		50.14	0.19	101.16	10.12%	23.81
24	190.43	4.21	0.00	9.81	0.00		28.57	(11.26)	44.76	17.64		51.39	0.19	100.56	10.06%	22.23
25	173.11	3.83	0.00	8.92	0.00		28.57	(11.26)	43.29	17.06		52.68	0.19	99.99	10.00%	20.76
26	155.80	3.45	0.00	8.02	0.00		28.57	(11.26)	41.81	16.48		54.00	0.20	99.45	9.95%	19.39
27	138.49	3.06	0.00	7.13	0.00		28.57	(11.26)	40.34	15.90		55.35	0.20	98.95	9.90%	18.11
28	121.18	2.68	0.00	6.24	0.00		28.57	(11.26)	38.87	15.32		56.73	0.20	98.48	9.85%	16.93
29	103.87	2.30	0.00	5.35	0.00		28.57	(11.26)	37.40	14.74		58.15	0.20	98.05	9.80%	15.83
30	86.56	1.92	0.00	4.46	0.00		28.57	(11.26)	35.93	14.16		59.60	0.21	97.65	9.76%	14.80
31	69.25	1.53	0.00	3.57	0.00		28.57	(11.26)	34.46	13.58		61.09	0.21	97.29	9.73%	13.85
32	51.93	1.15	0.00	2.67	0.00		28.57	(11.26)	32.99	13.00		62.62	0.21	96.96	9.70%	12.96
33	34.62	0.77	0.00	1.78	0.00		28.57	(11.26)	31.51	12.42		64.18	0.21	96.68	9.67%	12.14
34	17.31	0.38	0.00	0.89	0.00		28.57	(11.26)	30.04	11.84		65.79	0.21	96.43	9.64%	11.37
35	0.00	0.00	0.00	0.00	0.00		28.57	(11.26)	28.57	11.26		67.43	0.22	96.22	9.62%	10.65
Total		$ 307.83	$ -	$ 716.53	$ 1,000.00	$ 1.00	$ 1,000.00	$ (0.00)	$ 1,182.59	$ 466.06	$ -	$ 1,599.76	$ 6.35	$ 4,096.52	409.65%	$ 1,774.02
Present Worth		$173.93	$ -	$ 404.85	$ 565.13	$ 0.57	$ 391.47	$ 68.44	$ 494.52	$ 194.89	$ -	$ 538.11	$ 2.32	$ 1,774.02	$1.77	$ 1,025.88
Levelized		$12.69	$ -	$ 29.55	$ 41.25	$ 0.04	$ 28.57	$ 5.00	$ 36.09	$ 14.22	$ -	$ 39.27	$ 0.17	$ 129.48	12.95%	
Payment Current Levelized Payment Constant		$ 11.19	$ -	$ 26.05	$ 36.36	$ 0.04	$ 25.19	$ 4.40	$ 31.82	$ 12.54	$ -	$ 34.63	$ 0.15	$ 114.15	11.42%	

Liberty Utilities (EnergyNorth Natural Gas) Corp. - Development of Revenue Requirements Stream
Capacity Related Distribution

Year No.	Rate Base	Interest On Debt	Return On Preferred	Return On Common	Tax Depreciation	Tax Depreciation Rate	Book Depreciation	Deferred Taxes	Taxable Income	Income Tax Payable	Revenue Tax	Property Tax	Property Insurance	Annual Revenue Requirements	% of Original Investment Revenue	Present Worth Of Revenue
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
	1000.00						0.00	0.00								
1	973.45	21.54	0.00	50.13	37.50	3.750%	19.42	7.12	64.66	25.48		29.12	0.15	152.98	15.30%	143.65
2	933.23	20.65	0.00	48.06	72.19	7.219%	19.42	20.80	26.56	10.47		29.85	0.15	149.40	14.94%	131.74
3	895.15	19.81	0.00	46.10	66.77	6.677%	19.42	18.66	28.74	11.33		30.60	0.15	146.07	14.61%	120.95
4	859.04	19.01	0.00	44.24	61.77	6.177%	19.42	16.69	30.67	12.09		31.36	0.15	142.96	14.30%	111.17
5	824.75	18.25	0.00	42.47	57.13	5.713%	19.42	14.86	32.40	12.77		32.15	0.16	140.08	14.01%	102.29
6	792.16	17.53	0.00	40.80	52.85	5.285%	19.42	13.17	33.91	13.36		32.95	0.16	137.39	13.74%	94.21
7	761.13	16.84	0.00	39.20	48.88	4.888%	19.42	11.61	35.24	13.89		33.78	0.16	134.89	13.49%	86.86
8	731.54	16.19	0.00	37.67	45.22	4.522%	19.42	10.17	36.38	14.34		34.62	0.16	132.57	13.26%	80.16
9	702.18	15.54	0.00	36.16	44.62	4.462%	19.42	9.93	34.49	13.59		35.49	0.16	130.29	13.03%	73.98
10	672.83	14.89	0.00	34.65	44.61	4.461%	19.42	9.93	32.00	12.61		36.37	0.17	128.04	12.80%	68.27
11	643.48	14.24	0.00	33.14	44.62	4.462%	19.42	9.93	29.50	11.63		37.28	0.17	125.80	12.58%	62.99
12	614.13	13.59	0.00	31.63	44.61	4.461%	19.42	9.93	27.01	10.65		38.21	0.17	123.59	12.36%	58.11
13	584.78	12.94	0.00	30.12	44.62	4.462%	19.42	9.93	24.51	9.66		39.17	0.17	121.41	12.14%	53.60
14	555.43	12.29	0.00	28.60	44.61	4.461%	19.42	9.93	22.02	8.68		40.15	0.17	119.24	11.92%	49.44
15	526.07	11.64	0.00	27.09	44.62	4.462%	19.42	9.93	19.52	7.69		41.15	0.17	117.10	11.71%	45.59
16	496.72	10.99	0.00	25.58	44.61	4.461%	19.42	9.93	17.03	6.71		42.18	0.18	114.99	11.50%	42.04
17	467.37	10.34	0.00	24.07	44.62	4.462%	19.42	9.93	14.53	5.73		43.24	0.18	112.90	11.29%	38.76
18	438.02	9.69	0.00	22.56	44.61	4.461%	19.42	9.93	12.04	4.75		44.32	0.18	110.84	11.08%	35.74
19	408.67	9.04	0.00	21.05	44.62	4.462%	19.42	9.93	9.54	3.76		45.42	0.18	108.81	10.88%	32.94
20	379.32	8.39	0.00	19.53	44.61	4.461%	19.42	9.93	7.05	2.78		46.56	0.18	106.80	10.68%	30.36
21	358.76	7.94	0.00	18.48	22.31	2.231%	19.42	1.14	27.61	10.88		47.72	0.19	105.76	10.58%	28.24
22	346.99	7.68	0.00	17.87	0.00		19.42	(7.65)	48.92	19.28		48.92	0.19	105.70	10.57%	26.50
23	335.22	7.42	0.00	17.26	0.00		19.42	(7.65)	47.92	18.88		50.14	0.19	105.66	10.57%	24.88
24	323.45	7.16	0.00	16.66	0.00		19.42	(7.65)	46.92	18.49		51.39	0.19	105.66	10.57%	23.36
25	311.68	6.90	0.00	16.05	0.00		19.42	(7.65)	45.92	18.10		52.68	0.19	105.68	10.57%	21.94
26	299.91	6.64	0.00	15.45	0.00		19.42	(7.65)	44.92	17.70		54.00	0.20	105.74	10.57%	20.61
27	288.14	6.38	0.00	14.84	0.00		19.42	(7.65)	43.92	17.31		55.35	0.20	105.83	10.58%	19.37
28	276.37	6.11	0.00	14.23	0.00		19.42	(7.65)	42.91	16.91		56.73	0.20	105.96	10.60%	18.21
29	264.61	5.85	0.00	13.63	0.00		19.42	(7.65)	41.91	16.52		58.15	0.20	106.12	10.61%	17.13
30	252.84	5.59	0.00	13.02	0.00		19.42	(7.65)	40.91	16.12		59.60	0.21	106.31	10.63%	16.12
31	241.07	5.33	0.00	12.42	0.00		19.42	(7.65)	39.91	15.73		61.09	0.21	106.55	10.65%	15.17
32	229.30	5.07	0.00	11.81	0.00		19.42	(7.65)	38.91	15.34		62.62	0.21	106.81	10.68%	14.28
33	217.53	4.81	0.00	11.20	0.00		19.42	(7.65)	37.91	14.94		64.18	0.21	107.12	10.71%	13.45
34	205.76	4.55	0.00	10.60	0.00		19.42	(7.65)	36.91	14.55		65.79	0.21	107.47	10.75%	12.67
35	193.99	4.29	0.00	9.99	0.00		19.42	(7.65)	35.91	14.15		67.43	0.22	107.85	10.79%	11.94
36	182.22	4.03	0.00	9.38	0.00		19.42	(7.65)	34.91	13.76		69.12	0.22	108.28	10.83%	11.26
37	170.46	3.77	0.00	8.78	0.00		19.42	(7.65)	33.91	13.36		70.85	0.22	108.75	10.88%	10.62
38	158.69	3.51	0.00	8.17	0.00		19.42	(7.65)	32.91	12.97		72.62	0.22	109.26	10.93%	10.02

Liberty Utilities (EnergyNorth Natural Gas) Corp. - Development of Revenue Requirements Stream
Capacity Related Distribution

Year No.	Rate Base	Interest On Debt	Return On Preferred	Return On Common	Tax Depreciation	Tax Depreciation Rate	Book Depreciation	Deferred Taxes	Taxable Income	Income Tax Payable	Revenue Tax	Property Tax	Property Insurance	Annual Revenue Requirements	% of Original Investment Revenue	Present Worth Of Revenue
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
39	146.92	3.25	0.00	7.57	0.00		19.42	(7.65)	31.91	12.58		74.43	0.23	109.82	10.98%	9.45
40	135.15	2.99	0.00	6.96	0.00		19.42	(7.65)	30.91	12.18		76.29	0.23	110.42	11.04%	8.93
41	123.38	2.73	0.00	6.35	0.00		19.42	(7.65)	29.91	11.79		78.20	0.23	111.07	11.11%	8.43
42	111.61	2.47	0.00	5.75	0.00		19.42	(7.65)	28.91	11.39		80.16	0.23	111.77	11.18%	7.97
43	99.84	2.21	0.00	5.14	0.00		19.42	(7.65)	27.91	11.00		82.16	0.24	112.52	11.25%	7.53
44	88.07	1.95	0.00	4.54	0.00		19.42	(7.65)	26.91	10.61		84.21	0.24	113.31	11.33%	7.12
45	76.31	1.69	0.00	3.93	0.00		19.42	(7.65)	25.91	10.21		86.32	0.24	114.16	11.42%	6.74
46	64.54	1.43	0.00	3.32	0.00		19.42	(7.65)	24.91	9.82		88.48	0.24	115.06	11.51%	6.38
47	52.77	1.17	0.00	2.72	0.00		19.42	(7.65)	23.91	9.42		90.69	0.25	116.01	11.60%	6.04
48	41.00	0.91	0.00	2.11	0.00		19.42	(7.65)	22.91	9.03		92.96	0.25	117.02	11.70%	5.72
49	29.23	0.65	0.00	1.51	0.00		19.42	(7.65)	21.91	8.63		95.28	0.25	118.09	11.81%	5.42
50	17.46	0.39	0.00	0.90	0.00		19.42	(7.65)	20.91	8.24		97.66	0.26	119.21	11.92%	5.14
51	5.69	0.13	0.00	0.29	0.00		19.42	(7.65)	19.91	7.85		100.10	0.26	120.40	12.04%	4.87
52	(6.08)	(0.13)	0.00	(0.31)	0.00		19.42	(7.65)	18.91	7.45		0.00	0.00	18.77	1.88%	0.71
53	(17.84)	(0.39)	0.00	(0.92)	0.00		19.42	(7.65)	17.91	7.06		0.00	0.00	17.51	1.75%	0.62
54	(29.61)	(0.66)	0.00	(1.53)	0.00		19.42	(7.65)	16.91	6.66		0.00	0.00	16.25	1.63%	0.54
55	(41.38)	(0.92)	0.00	(2.13)	0.00		19.42	(7.65)	15.91	6.27		0.00	0.00	14.99	1.50%	0.47
56	(53.15)	(1.18)	0.00	(2.74)	0.00		19.42	(7.65)	14.91	5.87		0.00	0.00	13.73	1.37%	0.41
57	(64.92)	(1.44)	0.00	(3.34)	0.00		19.42	(7.65)	13.91	5.48		0.00	0.00	12.47	1.25%	0.35
58	(76.69)	(1.70)	0.00	(3.95)	0.00		19.42	(7.65)	12.91	5.09		0.00	0.00	11.21	1.12%	0.29
59	(145.99)	(3.23)	0.00	(7.52)	145.99		19.42	49.88	(138.98)	(54.77)		0.00	0.00	3.78	0.38%	0.09
Total		$ 408.71	$ -	$ 951.35	$ 1,145.99	$ 1.00	$ 1,145.99	$ 0.00	$ 1,570.14	$ 618.79	$ -	$ 2,939.29	$ 10.16	$ 6,074.29	607.43%	$ 1,871.83
Present Worth		$196.53	$ -	$ 457.46	$ 568.71	$ 0.57	$ 291.94	$ 109.08	$ 478.23	$ 188.47	$ -	$ 625.78	$ 2.58	$ 1,871.83	187.18%	$ 1,002.53
Levelized Payment Current		$13.08	$ -	$ 30.44	$ 37.84	$ 0.04	$ 19.42	$ 7.26	$ 31.82	$ 12.54	$ -	$ 41.64	$ 0.17	$ 124.54	12.45%	
Levelized Payment Constant		$ 11.11	$ -	$ 25.86	$ 32.15	$ 0.03	$ 16.51	$ 6.17	$ 27.04	$ 10.66	$ -	$ 35.38	$ 0.15	$ 105.83	10.58%	

Liberty Utilities (EnergyNorth Natural Gas) Corp. - Development of Revenue Requirements Stream
Services Investment

Year No.	Rate Base	Interest On Debt	Return On Preferred	Return On Common	Tax Depreciation	Tax Depreciation Rate	Book Depreciation	Deferred Taxes	Taxable Income	Income Tax Payable	Revenue Tax	Property Tax	Property Insurance	Annual Revenue Requirements	% of Original Investment Revenue	Present Worth Of Revenue
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
	1000.00						0.00	0.00								
1	963.68	21.32	0.00	49.63	37.50	3.750%	35.56	0.77	79.97	31.51		29.12	0.15	168.06	16.81%	157.82
2	913.68	20.22	0.00	47.05	72.19	7.219%	35.56	14.44	41.03	16.17		29.85	0.15	163.44	16.34%	144.12
3	865.83	19.16	0.00	44.59	66.77	6.677%	35.56	12.30	42.38	16.70		30.60	0.15	159.06	15.91%	131.71
4	819.94	18.14	0.00	42.23	61.77	6.177%	35.56	10.33	43.48	17.13		31.36	0.15	154.91	15.49%	120.46
5	775.88	17.17	0.00	39.96	57.13	5.713%	35.56	8.50	44.37	17.49		32.15	0.16	150.97	15.10%	110.24
6	733.51	16.23	0.00	37.78	52.85	5.285%	35.56	6.82	45.05	17.76		32.95	0.16	147.24	14.72%	100.96
7	692.71	15.33	0.00	35.67	48.88	4.888%	35.56	5.25	45.55	17.95		33.78	0.16	143.70	14.37%	92.53
8	653.34	14.46	0.00	33.65	45.22	4.522%	35.56	3.81	45.87	18.08		34.62	0.16	140.32	14.03%	84.85
9	614.21	13.59	0.00	31.63	44.62	4.462%	35.56	3.57	43.14	17.00		35.49	0.16	137.00	13.70%	77.79
10	575.09	12.72	0.00	29.62	44.61	4.461%	35.56	3.57	39.83	15.70		36.37	0.17	133.70	13.37%	71.29
11	535.96	11.86	0.00	27.60	44.62	4.462%	35.56	3.57	36.49	14.38		37.28	0.17	130.42	13.04%	65.30
12	496.84	10.99	0.00	25.59	44.61	4.461%	35.56	3.57	33.18	13.07		38.21	0.17	127.16	12.72%	59.79
13	457.71	10.13	0.00	23.57	44.62	4.462%	35.56	3.57	29.84	11.76		39.17	0.17	123.93	12.39%	54.72
14	418.59	9.26	0.00	21.56	44.61	4.461%	35.56	3.57	26.52	10.45		40.15	0.17	120.72	12.07%	50.05
15	379.46	8.40	0.00	19.54	44.62	4.462%	35.56	3.57	23.19	9.14		41.15	0.17	117.53	11.75%	45.76
16	340.33	7.53	0.00	17.53	44.61	4.461%	35.56	3.57	19.87	7.83		42.18	0.18	114.37	11.44%	41.82
17	301.21	6.66	0.00	15.51	44.62	4.462%	35.56	3.57	16.54	6.52		43.24	0.18	111.24	11.12%	38.19
18	262.08	5.80	0.00	13.50	44.61	4.461%	35.56	3.57	13.22	5.21		44.32	0.18	108.13	10.81%	34.86
19	222.95	4.93	0.00	11.48	44.62	4.462%	35.56	3.57	9.89	3.90		45.42	0.18	105.05	10.50%	31.80
20	183.83	4.07	0.00	9.47	44.61	4.461%	35.56	3.57	6.57	2.59		46.56	0.18	101.99	10.20%	29.00
21	153.49	3.40	0.00	7.90	22.31	2.231%	35.56	(5.22)	26.29	10.36		47.72	0.19	99.91	9.99%	26.67
22	131.95	2.92	0.00	6.80	0.00		35.56	(14.01)	46.77	18.43		48.92	0.19	98.80	9.88%	24.77
23	110.41	2.44	0.00	5.69	0.00		35.56	(14.01)	44.94	17.71		50.14	0.19	97.71	9.77%	23.00
24	88.87	1.97	0.00	4.58	0.00		35.56	(14.01)	43.11	16.99		51.39	0.19	96.66	9.67%	21.37
25	67.32	1.49	0.00	3.47	0.00		35.56	(14.01)	41.28	16.27		52.68	0.19	95.64	9.56%	19.85
26	45.78	1.01	0.00	2.36	0.00		35.56	(14.01)	39.45	15.55		54.00	0.20	94.65	9.47%	18.45
27	24.24	0.54	0.00	1.25	0.00		35.56	(14.01)	37.62	14.82		55.35	0.20	93.70	9.37%	17.15
28	2.69	0.06	0.00	0.14	0.00		35.56	(14.01)	35.78	14.10		56.73	0.20	92.77	9.28%	15.95
29	(18.85)	(0.42)	0.00	(0.97)	0.00		35.56	(14.01)	33.95	13.38		0.00	0.00	33.54	3.35%	5.41
30	(40.39)	(0.89)	0.00	(2.08)	0.00		35.56	(14.01)	32.12	12.66		0.00	0.00	31.23	3.12%	4.73
31	(61.94)	(1.37)	0.00	(3.19)	0.00		35.56	(14.01)	30.29	11.94		0.00	0.00	28.92	2.89%	4.12
32	(83.48)	(1.85)	0.00	(4.30)	0.00		35.56	(14.01)	28.46	11.22		0.00	0.00	26.61	2.66%	3.56
33	(105.02)	(2.32)	0.00	(5.41)	0.00		35.56	(14.01)	26.63	10.49		0.00	0.00	24.31	2.43%	3.05
34	(126.57)	(2.80)	0.00	(6.52)	0.00		35.56	(14.01)	24.80	9.77		0.00	0.00	22.00	2.20%	2.59
35	(148.11)	(3.28)	0.00	(7.63)	0.00		35.56	(14.01)	22.97	9.05		0.00	0.00	19.69	1.97%	2.18
36	(169.65)	(3.75)	0.00	(8.74)	0.00		35.56	(14.01)	21.14	8.33		0.00	0.00	17.38	1.74%	1.81

Liberty Utilities (EnergyNorth Natural Gas) Corp. - Development of Revenue Requirements Stream
Services Investment

Year No.	Rate Base	Interest On Debt	Return On Preferred	Return On Common	Tax Depreciation	Tax Depreciation Rate	Book Depreciation	Deferred Taxes	Taxable Income	Income Tax Payable	Revenue Tax	Property Tax	Property Insurance	Annual Revenue Requirements	% of Original Investment Revenue	Present Worth Of Revenue
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
37	(191.20)	(4.23)	0.00	(9.85)	0.00		35.56	(14.01)	19.30	7.61		0.00	0.00	15.07	1.51%	1.47
38	(212.74)	(4.71)	0.00	(10.96)	0.00		35.56	(14.01)	17.47	6.89		0.00	0.00	12.77	1.28%	1.17
39	(234.28)	(5.18)	0.00	(12.07)	0.00		35.56	(14.01)	15.64	6.16		0.00	0.00	10.46	1.05%	0.90
40	(255.82)	(5.66)	0.00	(13.17)	0.00		35.56	(14.01)	13.81	5.44		0.00	0.00	8.15	0.82%	0.66
41	(277.37)	(6.14)	0.00	(14.28)	0.00		35.56	(14.01)	11.98	4.72		0.00	0.00	5.84	0.58%	0.44
42	(298.91)	(6.61)	0.00	(15.39)	0.00		35.56	(14.01)	10.15	4.00		0.00	0.00	3.54	0.35%	0.25
43	(320.45)	(7.09)	0.00	(16.50)	0.00		35.56	(14.01)	8.32	3.28		0.00	0.00	1.23	0.12%	0.08
44	(342.00)	(7.57)	0.00	(17.61)	0.00		35.56	(14.01)	6.49	2.56		0.00	0.00	(1.08)	-0.11%	(0.07)
45	(600.00)	(13.28)	0.00	(30.90)	600.00		35.56	222.45	(615.44)	(242.55)		0.00	0.00	(28.72)	-2.87%	(1.69)
Total		$ 184.63	$ -	$429.76	$ 1,600.00	$ 1.00	$ 1,600.00	$ 0.00	$ 709.29	$ 279.53	$ -	$ 1,160.90	$ 4.87	$ 3,659.69	365.97%	$1,740.93
Present Worth		$153.66	$ -	$357.68	$ 600.55	$ 0.57	$ 515.47	$ 33.53	$505.25	$ 199.12	$ -	$ 479.35	$ 2.13	$ 1,740.93	174.09%	$1,043.03
Levelized Payment Current		$10.60	$ -	$ 24.67	$ 41.42	$ 0.04	$ 35.56	$ 2.31	$ 34.85	$ 13.73	$ -	$ 33.06	$ 0.15	$ 120.08	12.01%	
Levelized Payment Constant		$ 9.17	$ -	$ 21.34	$ 35.83	$ 0.03	$ 30.75	$ 2.00	$ 30.14	$ 11.88	$ -	$ 28.60	$ 0.13	$ 103.87	10.39%	

Liberty Utilities (EnergyNorth Natural Gas) Corp. - Development of Revenue Requirements Stream
Metering Equipment

Year No.	Rate Base	Interest On Debt	Return On Preferred	Return On Common	Tax Depreciation	Tax Depreciation Rate	Book Depreciation	Deferred Tax	Taxable Income	Income Tax Payable	Revenue Tax	Property Tax	Property Insurance	Annual Revenue Requirements	% of Original Investment Revenue	Present Worth Of Revenue
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
	1000.00						0.00	0.00								
1	964.33	21.34	0.00	49.66	37.50	3.750%	34.48	1.19	78.95	31.11		29.12	0.15	167.06	16.71%	156.88
2	914.98	20.24	0.00	47.12	72.19	7.219%	34.48	14.86	40.06	15.79		29.85	0.15	162.50	16.25%	143.30
3	867.78	19.20	0.00	44.69	66.77	6.677%	34.48	12.72	41.47	16.34		30.60	0.15	158.19	15.82%	130.99
4	822.54	18.20	0.00	42.36	61.77	6.177%	34.48	10.75	42.63	16.80		31.36	0.15	154.11	15.41%	119.84
5	779.13	17.24	0.00	40.13	57.13	5.713%	34.48	8.93	43.58	17.17		32.15	0.16	150.25	15.02%	109.71
6	737.41	16.32	0.00	37.98	52.85	5.285%	34.48	7.24	44.31	17.46		32.95	0.16	146.59	14.66%	100.51
7	697.26	15.43	0.00	35.91	48.88	4.888%	34.48	5.67	44.87	17.68		33.78	0.16	143.11	14.31%	92.15
8	658.54	14.57	0.00	33.91	45.22	4.522%	34.48	4.23	45.24	17.83		34.62	0.16	139.81	13.98%	84.54
9	620.06	13.72	0.00	31.93	44.62	4.462%	34.48	4.00	42.57	16.78		35.49	0.16	136.55	13.66%	77.54
10	581.59	12.87	0.00	29.95	44.61	4.461%	34.48	3.99	39.31	15.49		36.37	0.17	133.32	13.33%	71.09
11	543.11	12.02	0.00	27.97	44.62	4.462%	34.48	4.00	36.03	14.20		37.28	0.17	130.11	13.01%	65.15
12	504.64	11.17	0.00	25.99	44.61	4.461%	34.48	3.99	32.77	12.91		38.21	0.17	126.92	12.69%	59.68
13	466.16	10.31	0.00	24.01	44.62	4.462%	34.48	4.00	29.49	11.62		39.17	0.17	123.76	12.38%	54.64
14	427.69	9.46	0.00	22.03	44.61	4.461%	34.48	3.99	26.22	10.34		40.15	0.17	120.62	12.06%	50.01
15	389.21	8.61	0.00	20.04	44.62	4.462%	34.48	4.00	22.94	9.04		41.15	0.17	117.50	11.75%	45.75
16	350.73	7.76	0.00	18.06	44.61	4.461%	34.48	3.99	19.68	7.76		42.18	0.18	114.41	11.44%	41.83
17	312.26	6.91	0.00	16.08	44.62	4.462%	34.48	4.00	16.40	6.46		43.24	0.18	111.35	11.13%	38.23
18	273.78	6.06	0.00	14.10	44.61	4.461%	34.48	3.99	13.14	5.18		44.32	0.18	108.31	10.83%	34.92
19	235.30	5.21	0.00	12.12	44.62	4.462%	34.48	4.00	9.86	3.89		45.42	0.18	105.30	10.53%	31.88
20	196.83	4.35	0.00	10.14	44.61	4.461%	34.48	3.99	6.60	2.60		46.56	0.18	102.31	10.23%	29.09
21	167.14	3.70	0.00	8.61	22.31	2.231%	34.48	(4.80)	26.38	10.40		47.72	0.19	100.30	10.03%	26.78
22	146.25	3.24	0.00	7.53	0.00		34.48	(13.59)	46.91	18.49		48.92	0.19	99.25	9.93%	24.88
23	125.36	2.77	0.00	6.46	0.00		34.48	(13.59)	45.14	17.79		50.14	0.19	98.24	9.82%	23.13
24	104.47	2.31	0.00	5.38	0.00		34.48	(13.59)	43.36	17.09		51.39	0.19	97.26	9.73%	21.50
25	83.57	1.85	0.00	4.30	0.00		34.48	(13.59)	41.59	16.39		52.68	0.19	96.31	9.63%	19.99
26	62.68	1.39	0.00	3.23	0.00		34.48	(13.59)	39.81	15.69		54.00	0.20	95.39	9.54%	18.60
27	41.79	0.92	0.00	2.15	0.00		34.48	(13.59)	38.03	14.99		55.35	0.20	94.50	9.45%	17.30
28	20.89	0.46	0.00	1.08	0.00		34.48	(13.59)	36.26	14.29		56.73	0.20	93.65	9.37%	16.10
29	0.00	0.00	0.00	0.00	0.00		34.48	(13.59)	34.48	13.59		58.15	0.20	92.83	9.28%	14.99
Total		$ 267.61	$ -	$622.92	$ 1,000.00	$ 1.00	$ 1,000.00	$ (0.00)	$1,028.09	$ 405.17	$ -	$ 1,219.04	$ 5.08	$ 3,519.82	351.98%	$1,720.98
Present Worth		$162.04	$ -	$377.19	$ 565.13	$ 0.57	$ 445.51	$ 47.14	$ 502.90	$ 198.19	$ -	$ 488.74	$ 2.16	$ 1,720.98	172.10%	$1,037.41
Levelized Payment Current $		$12.54	$ -	$ 29.19	$ 43.74	$ 0.04	$ 34.48	$ 3.65	$ 38.92	$ 15.34	$ -	$ 37.83	$ 0.17	$ 133.20	13.32%	
Levelized Payment Constant $		$ 11.22	$ -	$ 26.12	$ 39.14	$ 0.04	$ 30.85	$ 3.26	$ 34.83	$ 13.73	$ -	$ 33.85	$ 0.15	$ 119.19	11.92%	

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Development of Weighted Plant Book Lives and Salvage

Line No.	Acct No.	Description	2016 Plant Balance	Average Service Life	Net Salvage Value
		(A)	(B) Company Data	(D) Company Data	(E) Company Data
1		**Hypothetical Production Plant**			
2	361	Structures and Improvements	$57,345	35	0%
3	363.5	Other Equipment	$7,646	35	0%
4		**Total Production Plant**	**$64,991**	**35**	**0%**
5		**Distribution Investment**			
6					
7	366.2	Structures and Improvements	$269,809	35	0%
8	366.3	Structures and Improvements - Other	$353,851	35	0%
9	367.0	Mains	$234,672,697	60	-15%
10	369.0	Measuring and Regulatin Station Equipment	$4,909,208	35	0%
11	387	Other Equipment	$908,013	19	0%
12		**Total Distribution Capacity-Related**	**$241,113,578**	**59**	**-15%**
13					
14	380	**Services**	**$146,720,226**	**45**	**-60%**
15					
16	381.0	Meters	$14,628,345	32	0%
17	381.1	Meters - Instrument	$188,398	32	0%
18	381.2	Meters - ERTs	$5,647,769	15	0%
19	382	Meter Installations	$14,360,005	32	0%
20		**Total Meters**	**$34,824,517**	**29**	**0%**

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Summary of Marginal Capacity Costs

Line No.	Description	Production in lieu of Reinforcement	Mains Reinforcement	Mains Extension	Total Distribution	Explanation
	(A)	(B)	(C)	(D)	(E)	(F)
	Plant Investment					
1	Long-Run Unit Costs - $/Design Day Dth	$56.05	$63.33	$505.18	$624.56	MCS-1 Page 1 Line 11, MCS-1 Page 3 Line 21, MCS-1 Page 4 Line 24
2	General Plant Loading Factor	3.99%	3.99%	3.99%		MFB-6 p4, Line 17
3	Unit Costs + Loading Factor	58.29	65.85	525.32	$649.46	Line 1 + (Line 1 x Line 2)
4	Fixed Charge Rate	11.42%	10.58%	10.58%		MFB-7 Page 7A and 7B, Levelized Payment Constant $
5	A & G Exp Plant-Related Loading Factor	0.21%	0.21%	0.21%		MFB-6 p1, Line 28
6	Total Rate	11.63%	10.79%	10.79%		Line 4 + Line 5
7	Annualized Cost	$6.78	$7.11	$56.70	$70.58	Line 3 x Line 6
8	**Operating Expenses**					
9	Production capacity costs	$1.80			$1.80	MFB-3 p1, Line 25
10	Distribution capacity costs			$29.43	$29.43	MFB-4 p1, Line 18
11	A&G Exp Non-Plant Loading Factor	54.79%	54.79%	54.79%		MFB-6 p2, Line 24
12	Total O&M Expense	$2.78	$0.00	$45.55	$48.33	(Line 9 + Line 10) x (1 + Line 11)
13	**Working Capital**					
14	Materials & Supplies + Prepayments Rate	0.23%	0.23%	0.23%		MFB-6 p3, Line 27
15	M&S Cost	0.13	0.15	1.20	$ 1.48	Line 3 x Line 14
16	Working Cash O&M Allowance	$0.69	$0.52	$7.43	$ 8.64	Based on 26.53 days net lag
17	7.27%					
18	Total Working Capital	$0.83	$0.67	$8.63	$10.13	Line 15 + Line 16
19						
20	Working Capital Rev Req	$0.09	$0.07	$0.92	$1.08	Line 18 x Line 21
21	10.71%					MFB-7 p1, Line 15
22	System Seasonal Capacity Related Cost					
23	$/Design Day Dth	$9.65	$7.18	$103.18	$120.00	Line 7 + Line 12 + Line 20
24	Gross up for Sales/Sendout Factor	0.976	0.976	0.976	0.976	WP-MFB-6 p3&4A, Line 11
25	Inflation Adjustment	1.10%	1.10%	1.10%	1.10%	(1 + MFB-7 p1, Line 17)-1
26	**Seasonal Capacity Cost**	$9.98	$7.43	$106.78	$124.20	(Line 23 x (1- Line 24) + Line 23) x (1 + Line 25)

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Summary of Marginal Customer Costs

Line No.	Description	R-1	R-3, R-4	G-41	G-42	G-43	G-51	G-52	G-53	G-54	Explanation
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
	Plant Investment										
1	Meters and Regulators	$ 310.20	$ 310.20	$ 979.00	$2,433.20	$6,024.70	$ 979.00	$1,617.00	$7,311.70	$ 9,674.50	MFB-2 p1, Line 8
2	General Plant Loading Factor	3.99%	3.99%	3.99%	3.99%	3.99%	3.99%	3.99%	3.99%	3.99%	MFB-6 p4, Line 17
3	Unit Costs + Loading Factor	$ 322.57	$ 322.57	$1,018.04	$2,530.22	$6,264.92	$1,018.04	$1,681.47	$7,603.24	$ 10,060.25	Line 1 + (Line 1 x Line 2)
4	Fixed Charge Rate	11.92%	11.92%	11.92%	11.92%	11.92%	11.92%	11.92%	11.92%	11.92%	MFB-7 p1, Line 6
5	Meter Carrying Costs	$ 38.45	$ 38.45	$ 121.34	$ 301.57	$ 746.70	$ 121.34	$ 200.41	$ 906.22	$ 1,199.06	Line 3 x Line 4
6	Services	3,737.68	3,737.68	3,737.68	7,299.74	10,912.52	3,737.68	7,299.74	23,006.43	54,416.35	MFB-2 p1, Line 4
7	General Plant Loading Factor	3.99%	3.99%	3.99%	3.99%	3.99%	3.99%	3.99%	3.99%	3.99%	MFB-6 p4, Line 17
8	Unit Costs and Loading Factor	3,886.71	3,886.71	3,886.71	7,590.80	11,347.64	3,886.71	7,590.80	23,923.77	56,586.10	Line 6 + (Line 6 x Line 7)
9	Fixed Charge Rate	10.39%	10.39%	10.39%	10.39%	10.39%	10.39%	10.39%	10.39%	10.39%	MFB-7 p1, Line 5
10	Services Carrying Costs	403.70	403.70	403.70	788.44	1,178.65	403.70	788.44	2,484.91	5,877.47	Line 8 x Line 9
11	Total Plant Carrying Costs	$ 442.15	$ 442.15	$ 525.04	$1,090.01	$1,925.36	$ 525.04	$ 988.85	$3,391.12	$ 7,076.53	Line 5 + Line 10
12											
13	A&G Exp Plant-Related Loading Factor	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	MFB-6 p1, Line 28
14	Annualized Cost	$ 443.08	$ 443.08	$ 526.14	$1,092.30	$1,929.40	$ 526.14	$ 990.93	$3,398.24	$ 7,091.39	(1 + Line 13) x Line 11
15	**Operating Expenses**										
16	Plant Related O&M $/Customer	43.35	43.35	50.51	104.23	181.38	50.51	95.49	324.68	686.35	MFB-5 p2, Col (G)
17	Customer Acctg & Mkg Expenses	78.30	78.30	78.30	78.30	78.30	78.30	78.30	78.30	78.30	MFB-5 p3, Line 26
18	A&G Exp Non-Plant Loading Factor	54.79%	54.79%	54.79%	54.79%	54.79%	54.79%	54.79%	54.79%	54.79%	MFB-6 p2, Line 24
19	Total O&M Expense	188.30	188.30	199.39	282.54	401.96	199.39	269.01	623.78	1183.62	Line 16 + Line 17 + ((Line 16 + Line 17) x Line 18)
20	**Working Capital- $/Customer**										
21	Materials & Supplies + Prepayments Rate	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	MFB-6 p3, Line 27
22	M&S Cost	9.62	9.62	11.21	23.12	40.24	11.21	21.18	72.03	152.27	Line 21 x (Line 3 x Line 8)
23	Working Cash O&M Allowance	45.89	45.89	52.74	99.93	169.45	52.74	91.58	292.34	601.47	(Line 14 + Line 19) x (MFB-8 p1, Line 17)
24	Total Working Capital	55.51	55.51	63.94	123.05	209.69	63.94	112.76	364.37	753.73	Line 22 + Line 23
25	Working Capital Rev. Requirement	5.95	5.95	6.85	13.18	22.46	6.85	12.08	39.03	80.74	Line 24 x (MFB-7 p1, Line 15)
26	Annual Customer Related Cost $/Customer	$ 637.32	$ 637.32	$ 732.38	$1,388.02	$2,353.83	$ 732.38	$1,272.02	$4,061.05	$ 8,355.75	Line 14 + Line 19 + Line 25
27											
28	Inflation Adjustment	1.10%	1.10%	1.10%	1.10%	1.10%	1.10%	1.10%	1.10%	1.10%	(1 + MFB-7 p1, Line 17)-1
29	**Annual Customer Related Cost**	$644.34	$644.34	$740.44	$1,403.30	$2,379.73	$740.44	$1,286.02	$4,105.75	$8,447.72	Line 26 x (1 + Line 28)

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Summary of Marginal Cost Estimates

Line No.	Description	R-1	R-3, R-4	G-41	G-42	G-43	G-51	G-52	G-53	G-54	Total Company	Explanation
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
1	Uncollectible Factor	5.87%	3.47%	0.77%	0.21%	0.00%	1.44%	1.08%	0.00%	0.00%		
2												
3	Customer Charge $'s per month											
4	Monthly Customer Charge w/o Uncollectibles	$ 53.69	$ 53.69	$ 61.70	$ 116.94	$ 198.31	$ 61.70	$ 107.17	$ 342.15	$ 703.98		(MFB-9 p1, Line 29)/12
5	Adjustment for Uncollectibles	3.15	1.86	0.48	0.25	0.00	0.89	1.16	0.00	0.00		Line 1 x Line 4
6	Monthly Customer Charge Incl. Uncollectibles	$56.85	$ 55.56	$62.18	$117.19	$198.31	$62.59	$108.33	$342.15	$703.98		Line 4 + Line 5
7	Capacity-related: Winter Charges											
8	Distribution Demand Charge - Pressure Support	9.98	9.98	9.98	9.98	9.98	9.98	9.98	9.98	9.98		MFB-8 p1, Col (B)
9	Distribution Demand Charge - Reinforcem	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43	7.43		MFB-8 p1, Col (C)
10	Distribution Demand Charge - Main Extensions	106.78	106.78	106.78	106.78	106.78	106.78	106.78	106.78	106.78		MFB-8 p1, Col (D)
11	Adjustment for Uncollectibles	$7.29	$4.31	$0.96	$0.26	$0.00	$1.79	$1.35	$0.00	$0.00		(Line 8 + Line 9 + Line 10) x Line 1)
12	Winter Charges Incl. Uncollectibles	$131.49	$128.51	$125.16	$124.46	$124.20	$125.99	$125.54	$124.20	$124.20		Σ line 8 to Line 11
13	Summer Charges											
14	Capacity-related: Distribution Demand Charge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
15	Adjustment for Uncollectibles	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		Line 1 x Line 14
16	Summer Charges Incl. Uncollectibles	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		Line 14 + Line 15
17	Calendar Month Billing Determinants (2016)											
18	Customers	3,036	76,093	8,517	1,714	51	1,251	309	34	27	91,030.71	MFB-11 p1, Line 16
19	Design Day Dth -Sales and Transportatio	587	70,684	28,529	39,806	10,491	2,868	4,420	5,305	3,995	166,685.93	MFB-11 p1, Line 17
20	Winter Dth -Sales and Transportation	47,405	4,667,572	1,815,526	2,710,035	744,316	249,820	445,206	587,060	830,701	12,097,641.21	MFB-11 p1, Line 18
21	Summer Dth -Sales and Transportation	21,069	1,028,925	313,071	650,208	214,952	126,172	269,819	401,365	895,275	3,920,856.16	MFB-11 p1, Line 19
22												
23	**Total Marginal Costs**											
24	Total Customer-related	$2,071,002	$50,731,826	$6,355,050	$2,409,999	$120,342	$939,802	$401,042	$137,816	$232,030	$63,398,907	Line 6 x Line 18 x 12
25	Capacity-related: Winter											
26	Winter Distribution Pressure Support	6,209	730,128	287,005	398,228	104,730	29,049	44,598	52,956	39,885	1,692,787.96	(1 + Line 1) x Line 8 x Line 19
27	Winter Distribution Reinforcements	4,621	543,418	213,611	296,392	77,948	21,621	33,193	39,414	29,686	1,259,903.95	(1 + Line 1) x Line 9 x Line 19
28	Winter Distribution Main Ext.	66,411	7,809,999	3,070,020	4,259,743	1,120,273	310,732	477,054	566,460	426,642	18,107,333.29	(1 + Line 1) x Line 10 x Line 19
29	Total Capacity-related: Winter	$ 77,241	$ 9,083,544	$ 3,570,636	$ 4,954,363	$ 1,302,952	$ 361,402	$ 554,845	$ 658,830	$ 496,212	$ 21,060,025	Σ line 26 to Line 28
30	Capacity-related: Summer											
31	Distribution Demand Charge	-	-	-	-	-	-	-	-	-	-	(1 + Line 1) x Line 14 x Line 21
32	Total Capacity-related:Summer	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	Line 31
33	Customer Subtotal	$2,071,002	$50,731,826	$6,355,050	$2,409,999	$120,342	$939,802	$401,042	$137,816	$232,030	$63,398,907	Line 24
34	Distribution Subtotal	$77,241	$9,083,544	$3,570,636	$4,954,363	$1,302,952	$361,402	$554,845	$658,830	$496,212	$21,060,025	Line 26 + Line 27 + Line 28 + Line 31
35	**Total Annual Marginal Cost**	$ 2,148,243	$ 59,815,370	$ 9,925,686	$ 7,364,361	$ 1,423,293	$ 1,301,203	$ 955,887	$ 796,646	$ 728,243	$ 84,458,933	Σ line 33 to Line 34
36	**Share of Total Annual Marginal Cost**	2.5%	70.8%	11.8%	8.7%	1.7%	1.5%	1.1%	0.9%	0.9%	100.0%	Col (n) / Col (K)

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study

Marginal Unit Costs per Dth

Line No.		R-1	R-3, R-4	G-41	G-42	G-43	G-51	G-52	G-53	G-54	Explanation
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(L)
1	Customer Charge										
2	Customer Charge (w/ Uncoll) $'s per Month	$56.85	$55.56	$62.18	$117.19	$198.31	$62.59	$108.33	$342.15	$703.98	MFB-10 p1, Line 6
3	Capacity-related Winter Unit Costs										
4	Winter Distribution Pressure Support	$0.1310	$0.1564	$0.1581	$0.1469	$0.1407	$0.1163	$0.1002	$0.0902	$0.0480	MFB-10 p1, Line 26 / Line 18
5	Winter Distribution Reinforcements	$0.0975	$0.1164	$0.1177	$0.1094	$0.1047	$0.0865	$0.0746	$0.0671	$0.0357	MFB-10 p1, Line 27 / Line 18
6	Winter Distribution Main Ext.	$1.4009	$1.6732	$1.6910	$1.5718	$1.5051	$1.2438	$1.0715	$0.9649	$0.5136	MFB-10 p1, Line 28 / Line 18
7	Capacity-related Summer Unit Cost										
8	Distribution Demand	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	MFB-10 p1, Line 30 / Line 19
9	**Total Unit Cost Summary**										
10	Distribution										
11	Customer	$56.85	$55.559	$62.181	$117.191	$198.311	$62.594	$108.330	$342.146	$703.976	Line 2
12	Winter, $/Dth	$1.6294	$1.9461	$1.9667	$1.8282	$1.7505	$1.4466	$1.2463	$1.1223	$0.5973	Line 4 + Line 5 + Line 6
13	Summer, $/Dth	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	Line 8
14	Annual Avg, $/Dth	$1.1280	$1.5946	$1.6775	$1.4744	$1.3583	$0.9612	$0.7760	$0.6665	$0.2875	MFB-10 p1, Line 36 / Line 20
15	Test Year Calendar Month Billing Determinants - Sales And Transportation Loads (All Firm Loads)										
16	Customers Annual	3,036	76,093	8,517	1,714	51	1,251	309	34	27	WP-MFB-BillingDets, Col (E) Lines 2 to 12
17	Design Day Dths	587	70,684	28,529	39,806	10,491	2,868	4,420	5,305	3,995	WP-Design Day, Line 29
18	Winter Dths	47,405	4,667,572	1,815,526	2,710,035	744,316	249,820	445,206	587,060	830,701	(WP-MFB-BillingDets, Col (B), Lines 2 to 12) /10
19	Summer Dths	21,069	1,028,925	313,071	650,208	214,952	126,172	269,819	401,365	895,275	(WP-MFB-BillingDets, Col (C), Lines 2 to 12) /10
20	Total Annual Dths	68,473	5,696,497	2,128,598	3,360,243	959,268	375,992	715,025	988,425	1,725,976	Σ line 18 to Line 19

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Estimated Cost of Hypothertical Additional LNG Vaporization Capacity
with Associated Storage

Line		Estimated Costs	Explanation
	(A)	(B)	(C)
1	Tanks	$3,060,000	Company analysis
2	Vaporizers	$510,000	Company analysis
3	Boilers & Compressors	$255,000	Company analysis
4	Fabrication	$816,000	Company analysis
5	Instrumentation	$142,800	Company analysis
6	Valves and Controls	$102,000	Company analysis
7	Odorizers	$30,600	Company analysis
8	Chromatographs	$20,400	Company analysis
9	Building	$0	Company analysis
10	Direct Cost	$4,936,800	Σ Line 1 to Line 9
11	Overhead and Design @ +30%	$1,481,040	Line 10 x 30%
12	Total	$6,417,840	Line 10 x Line 11
13	Incremental Capacity	10,000	Company analysis

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Development of Capacity Related Investment - Distribution Reinforcement

Line No.	Year	Year	Design Day Demand, Dth	Reinforcement Plant Additions Cost 2016 $	Cumulative Total	Explanation
	(A)	(b)	(C)	(D)	(E)	(F)
			Company Data	Company Data		
1						
2	Year 0	2016	158,649	$ 1,000,000	$ 1,000,000	Company analysis
3	Year 1	2017	165,090	$ 1,000,000	$ 2,000,000	Company analysis
4	Year 2	2018	168,447	$ 1,150,000	$ 3,150,000	Company analysis
				$ 500,000	$ 3,650,000	Company analysis
			174,455			
5	Year 3	2019				
6	Year 4	2020	178,451	$ 200,000	$ 3,850,000	Company analysis
7	Year 5	2021	182,848	$ 500,000	$ 4,350,000	Company analysis
8	Year 6	2022	187,151	$ 200,000	$ 4,550,000	Company analysis
				$ 200,000	$ 4,750,000	Company analysis
			191,342			
9	Year 7	2023				
10	Year 8	2024	195,701	$ 200,000	$ 4,950,000	Company analysis
11	Year 9	2025	199,834	$ 200,000	$ 5,150,000	Company analysis
12	Year 10	2026	203,854	$ 200,000	$ 5,350,000	Company analysis

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Distribution Main Extension Marginal Cost

Line No.	Year	Mains Extension Additions to Plant	Cost Index	Main Extension (2016 $)	Cumulative Main Extension (2016 $)	Design Day Demand
		(A)	(B)	(C)	(D)	(E)
		Company Data	WP-MFB-HW Cost_Index, Col (B)	Col (B) x Col (C)	Σ[Col (D) Year (1989) to Col (D) Year(n)]	WP-MFB-Design Day, Col (B) Lines 1 to 24
1	1988					
2	1989	2,102,827	2.123	4,464,536	4,464,536	92,038
3	1990	1,724,250	2.071	3,570,750	8,035,286	94,799
4	1991	1,341,529	2.017	2,706,213	10,741,498	95,896
5	1992	1,489,922	1.982	2,953,240	13,694,739	98,274
6	1993	1,018,848	1.931	1,967,035	15,661,774	101,510
7	1994	975,268	1.877	1,830,869	17,492,643	102,395
8	1995	667,884	1.822	1,216,740	18,709,383	105,007
9	1996	1,138,184	1.801	2,049,708	20,759,091	107,684
10	1997	4,396,282	1.762	7,746,012	28,505,103	112,869
11	1998	1,792,794	1.717	3,078,630	31,583,733	119,052
12	1999	2,415,815	1.695	4,093,706	35,677,438	120,233
13	2000	3,440,754	1.655	5,695,131	41,372,569	128,617
14	2001	8,588,507	1.543	13,255,051	54,627,620	124,000
15	2002	5,787,927	1.577	9,127,854	63,755,474	122,483
16	2003	6,335,289	1.541	9,760,741	73,516,215	116,027
17	2004	2,804,933	1.447	4,059,088	77,575,303	128,044
18	2005	1,761,281	1.345	2,368,562	79,943,864	136,000
19	2006	1,531,679	1.209	1,851,705	81,795,569	138,746
20	2007	2,092,072	1.209	2,528,397	84,323,966	142,000
21	2008	1,779,635	1.031	1,834,848	86,158,815	146,900
22	2009	5,177,230	1.083	5,609,449	91,768,264	146,824
23	2010	1,853,067	1.083	2,006,760	93,775,024	143,764
24	2011	1,419,065	1.100	1,561,457	95,336,480	146,768
25	2012	3,379,136	1.070	3,616,741	98,953,222	141,928
26	2013	2,245,707	1.058	2,376,937	101,330,159	145,562
27	2014	2,424,524	1.055	2,558,852	103,889,011	151,350
28	2015	2,684,371	1.053	2,827,842	106,716,853	157,393
29	2016	2,246,935	1.000	2,246,935	108,963,788	161,021

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Development of Capacity Related Production (Pressure Support) Expense

Line No.	Year	Total Capacity Related Expenses	Cost Index	Expense 2016 Dollars	Design Day Sendout, Dth	Average Cost per Design Day Dth
	(A)	(B) WP WP-MFB-3 p1A, Line 28 Col (E) to (AB)	(C) WP-MFB-GDP_IPI, Line 28 Col n	(D) Col (B) x Col (C)	(E) WP-MFB-Design Day, Col (B) Lines 1 to 24	(F) Col (D) / Col (E)
1	1989	715,386	1.7307	$1,238,149	92,038	$13.45
2	1990	835,263	1.6690	$1,394,077	94,799	$14.71
3	1991	729,836	1.6153	$1,178,870	95,896	$12.29
4	1992	636,334	1.5792	$1,004,930	98,274	$10.23
5	1993	669,158	1.5425	$1,032,208	101,510	$10.17
6	1994	769,726	1.5104	$1,162,606	102,395	$11.35
7	1995	744,765	1.4796	$1,101,921	105,007	$10.49
8	1996	796,685	1.4530	$1,157,608	107,684	$10.75
9	1997	814,444	1.4286	$1,163,494	112,869	$10.31
10	1998	770,390	1.4132	$1,088,739	119,052	$9.15
11	1999	727,651	1.3919	$1,012,849	120,233	$8.42
12	2000	341,597	1.3610	$464,904	128,617	$3.61
13	2001	420,954	1.3306	$560,136	124,000	$4.52
14	2002	556,957	1.3105	$729,908	122,483	$5.96
15	2003	453,628	1.2849	$582,868	116,027	$5.02
16	2004	477,344	1.2505	$596,926	128,044	$4.66
17	2005	589,292	1.2115	$713,944	136,000	$5.25
18	2006	493,007	1.1754	$579,489	138,746	$4.18
19	2007	501,463	1.1450	$574,150	142,000	$4.04
20	2008	513,967	1.1229	$577,147	146,900	$3.93
21	2009	441,329	1.1145	$491,844	146,824	$3.35
22	2010	347,937	1.1010	$383,084	143,764	$2.66
23	2011	336,030	1.0787	$362,490	146,768	$2.47
24	2012	489,978	1.0592	$519,000	141,928	$3.66
25	2013	892,778	1.0424	$930,631	145,562	$6.39
26	2014	1,004,578	1.0241	$1,028,744	151,350	$6.80
27	2015	1,067,268	1.0132	$1,081,317	157,393	$6.87
28	2016	1,020,067	1.0000	$1,020,067	161,021	$6.33

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Operations Expense Data -Production

Line No.	Acct No.	Description	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)
	MANUFACTURED GAS PRODUCTION																					
1	OPERATION																					
2	1701	Superintendence	0	0	240,088	269,017	293,892	305,875	357,354	416,438	425,430	463,377	498,217	444,834	401,016	23,505	21,123	29,733	38,957	79,826	80,950	84,791
3	1707	Other Production Labor	0	0	408,524	488,831	384,055	249,186	247,228	304,177	249,806	250,447	238,766	233,724	203,121	37,073	130,638	383,367	391,192	365,385	480,704	387,421
4	1710	Production Expense	0	0	490,626	538,232	520,430	428,478	442,403	477,072	409,488	430,617	448,350	422,306	438,644	8,020	6,869	0	0	0	0	0
5	1722	Other Prod Expenses	0	0	0	0	0	0	0	0	0	0	0	0	0	162,060	269,193	143,857	23,479	32,133	27,638	20,795
6	**Marginal Operating Expense**		**0**	**0**	**1,139,238**	**1,296,080**	**1,198,377**	**983,539**	**1,046,985**	**1,197,687**	**1,084,724**	**1,144,441**	**1,185,333**	**1,100,864**	**1,042,781**	**230,658**	**427,823**	**556,957**	**453,628**	**477,344**	**589,292**	**493,007**
7	MAINTENANCE																					
8	1724	Maint of Structures	0	0	66,774	77,415	51,889	81,273	64,576	49,111	69,529	82,861	77,461	91,832	123,514	118,959	0	0	0	0	0	0
9	1726	Maint of Generating Equip	0	0	114,885	122,257	161,884	162,294	162,720	183,792	219,398	206,918	254,100	288,392	101,868	122,813	147,662	288,384	92,211	113,533	110,073	275,384
10	1727	Maint of Misc Equip	0	0	182,912	246,058	183,795	214,609	243,897	273,557	259,884	263,130	267,165	279,293	323,129	207,008	0	0	0	560	0	0
11	**Marginal Maintenance Expense**		**0**	**0**	**364,571**	**445,730**	**397,568**	**458,176**	**471,193**	**506,460**	**548,811**	**552,909**	**598,726**	**659,517**	**548,511**	**448,780**	**147,662**	**288,384**	**92,211**	**114,093**	**110,073**	**275,384**
12	Labour Expense :																					
13	51-5010-7100	Operation Supervision & Engineering - Labour																				
14	51-5010-7280	Liquefied Petroleum Gas - Labor																				
15	51-5010-7350	Misc Production Exp - Labour																				
16	51-5010-8410	Operation Labor & Expenses - Labour																				
17	51-5010-8462	Other Expenses - LNG - Labor																				
18	**Total Labour Expense**																					
19	Other Expense:																					
20	51-5439-8462	Other Expenses - LNG																				
21	51-5444-7350	Misc Production Exp																				
22	51-5540-7100	Operation Supervision & Engineering																				
23	51-5540-7170	Liquefied Petroleum Gas																				
24	51-5545-8410	Operation Labor & Expenses																				
25	52-5540-7280	Liquefied Petroleum Gas																				
26	56-5210-7420	Maint of Production Eqt																				
27	**Total Other Expense**																					
28	Total Capacity Related Production Expenses	Excludes accounts 1710, 1726, 1727, 5439-8462, 5540-7170, 5540-7280	0	0	715,386	835,263	729,836	636,334	669,158	769,726	744,765	796,685	814,444	770,390	727,651	341,597	420,954	556,957	453,628	477,344	589,292	493,007

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Operations Expense Data -Production

Line No.	Acct No.	Description	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Explanation
	(A)	(B)	(W)	(X)	(Y)	(Z)	(AA)	(AB)	(AC)	(AD)	(AE)	(AF)	(AC)
	MANUFACTURED GAS PRODUCTION												
1	OPERATION												
2	1701	Superintendence	88,451	92,587	95,307	10,394	7,137	324,649					WP WP-MFB-Annual Accounting Data, Line 13
3	1707	Other Production Labor	396,485	399,022	329,499	319,682	319,080	159,540					WP WP-MFB-Annual Accounting Data, Line 14
4	1710	Production Expense	0	0	0	0	0	0					WP WP-MFB-Annual Accounting Data, Line 15
5	1722	Other Prod Expenses	16,527	22,358	16,523	17,861	9,813	5,789					WP WP-MFB-Annual Accounting Data, Line 16
6	**Marginal Operating Expense**		**501,463**	**513,967**	**441,329**	**347,937**	**336,030**	**489,978**					(Σ line 2 to Line 5)
7	MAINTENANCE												
8	1724	Maint of Structures	0	0	0	0	0	0					WP WP-MFB-Annual Accounting Data, Line 20
9	1726	Maint of Generating Equip	256,167	298,222	251,856	244,262	136,016	-559,199					WP WP-MFB-Annual Accounting Data, Line 22
10	1727	Maint of Misc Equip	0	0	0	0	0	0					WP WP-MFB-Annual Accounting Data, Line 23
11	**Marginal Maintenance Expense**		**256,167**	**298,222**	**251,856**	**244,262**	**136,016**	**(559,199)**					(Σ line 8 to Line 10)
12	Labour Expense :												
13	51-5010-7100	Operation Supervision & Engineering - Labour							688,166	243,129	327,414	285,347	Company Data
14	51-5010-7280	Liquefied Petroleum Gas - Labor							65,133	88,283	412,668	246,607	Company Data
15	51-5010-7350	Misc Production Exp - Labour							579	4,792	102,579	185,919	Company Data
16	51-5010-8410	Operation Labor & Expenses - Labour							84,013	320,158	17,697	2,427	Company Data
17	51-5010-8462	Other Expenses - LNG - Labor							1,431	3,170	28	0	Company Data
18	**Total Labour Expense**								**839,322**	**659,532**	**860,387**	**720,299**	(Σ line 13 to Line 17)
19	Other Expense:												
20	51-5439-8462	Other Expenses - LNG							-1,983,234	-1,982,338	-1,978,463	-1,988,285	Company Data
21	51-5444-7350	Misc Production Exp							7,196	265,538	132,014	193,426	Company Data
22	51-5540-7100	Operation Supervision & Engineering							661	61,722	66,853	34,210	Company Data
23	51-5540-7170	Liquefied Petroleum Gas							139,178	-106,381	0	18,743	Company Data
24	51-5545-8410	Operation Labor & Expenses							45,194	8,810	-68	0	Company Data
25	52-5540-7280	Liquefied Petroleum Gas							0	293	1,755	32,604	Company Data
26	56-5210-7420	Maint of Production Eqt							406	8,976	8,081	72,133	Company Data
27	**Total Other Expense**								**-1,790,600**	**-1,743,380**	**-1,769,827**	**-1,637,171**	(Σ line 20 to Line 26)
28	Total Capacity Related Production Expenses	Excludes accounts 1710, 1726, 1727, 5439-8462, 5540-7170, 5540-7280	501,463	513,967	441,329	347,937	336,030	489,978	892,778	1,004,578	1,067,268	1,020,067	Line 2 + Line 3 + Line 5 + Line 8 + Line 18 + Line 21+ Line 22 + Line 24+ Line 26

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Capacity Related Operations Expense

Line No.	Year	Capacity Related Expenses	Cost Index	Expense 2016 Dollars	Design Day Demand	Avg Cost Per Design Day Dth
	(A)	(B)	(C)	(D)	(E)	(F)
		WP-MFB-Op Exp Data, Line 76	Source: GDP Implicit Price Deflator.	Col (B) x Col (C)	WP-MFB-Design Day, Col (B) Lines 1 to 24	Col (D) / Col (E)
1	1989	$1,945,026	1.7307	$3,366,339	92,038	$36.58
2	1990	$1,893,462	1.6690	3,160,240	94,799	33.34
3	1991	$1,918,550	1.6153	3,098,944	95,896	32.32
4	1992	$2,040,158	1.5792	3,221,917	98,274	32.79
5	1993	$2,151,230	1.5425	3,318,375	101,510	32.69
6	1994	$2,529,506	1.5104	3,820,604	102,395	37.31
7	1995	$2,598,141	1.4796	3,844,092	105,007	36.61
8	1996	$2,558,264	1.4530	3,717,236	107,684	34.52
9	1997	$2,645,969	1.4286	3,779,965	112,869	33.49
10	1998	$2,768,391	1.4132	3,912,377	119,052	32.86
11	1999	$2,626,392	1.3919	3,655,791	120,233	30.41
12	2000	$2,781,957	1.3610	3,786,169	128,617	29.44
13	2001	$2,518,609	1.3306	3,351,349	124,000	27.03
14	2002	$2,241,570	1.3105	2,937,640	122,483	23.98
15	2003	$3,479,902	1.2849	4,471,335	116,027	38.54
16	2004	$3,370,059	1.2505	4,214,314	128,044	32.91
17	2005	$3,675,620	1.2115	4,453,116	136,000	32.74
18	2006	$4,093,085	1.1754	4,811,082	138,746	34.68
19	2007	$4,154,511	1.1450	4,756,708	142,000	33.50
20	2008	$4,431,308	1.1229	4,976,035	146,900	33.87
21	2009	$4,882,340	1.1145	5,441,173	146,824	37.06
22	2010	$5,316,649	1.1010	5,853,719	143,764	40.72
23	2011	$4,976,899	1.0787	5,368,794	146,768	36.58
24	2012	$3,277,420	1.0592	3,471,547	141,928	24.46
25	2013	$4,743,594	1.0424	4,944,718	145,562	33.97
26	2014	$7,930,472	1.0241	8,121,250	151,350	53.66
27	2015	$7,395,141	1.0132	7,492,490	157,393	47.60
28	2016	$6,414,281	1.0000	6,414,281	161,021	39.83

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Customer-Related Operations Expense

Line No.	Year	Customer Related Expense (Services and Meters O&M)	Cost Index	Expense 2016 Dollars	Annual Customers	Average Cost per Customer
	(A)	(B)	(C)	(D)	(E)	(F)
		WP-MFB-Op Exp Data, Line 75	Source: GDP Implicit Price Deflator	Col (B) x Col (C)	WP-MFB-Annual Accounting Data, Line 65	Col (D) / Col (E)
1	1989	3,265,009	1.7307	5,650,892	58,809	$96.09
2	1990	3,297,919	1.6690	5,504,319	60,216	$91.41
3	1991	3,391,122	1.6153	5,477,520	60,958	$89.86
4	1992	3,502,421	1.5792	5,531,193	61,725	$89.61
5	1993	3,522,064	1.5425	5,432,953	62,566	$86.84
6	1994	3,720,493	1.5104	5,619,490	64,044	$87.74
7	1995	3,736,123	1.4796	5,527,800	65,385	$84.54
8	1996	3,391,523	1.4530	4,927,987	66,464	$74.15
9	1997	3,405,043	1.4286	4,864,360	67,928	$71.61
10	1998	3,507,511	1.4132	4,956,924	69,588	$71.23
11	1999	3,481,936	1.3919	4,846,660	71,291	$67.98
12	2000	2,984,429	1.3610	4,061,727	73,106	$55.56
13	2001	3,275,394	1.3306	4,358,354	74,959	$58.14
14	2002	2,439,210	1.3105	3,196,654	74,721	$42.78
15	2003	2,340,691	1.2849	3,007,559	78,438	$38.34
16	2004	2,348,327	1.2505	2,936,620	80,221	$36.61
17	2005	2,621,664	1.2115	3,176,218	81,735	$38.86
18	2006	2,750,067	1.1754	3,232,476	82,474	$39.19
19	2007	3,087,832	1.1450	3,535,413	83,637	$42.27
20	2008	3,445,440	1.1229	3,868,977	83,943	$46.09
21	2009	3,828,174	1.1145	4,266,347	84,346	$50.58
22	2010	4,444,691	1.1010	4,893,678	84,420	$57.97
23	2011	4,037,750	1.0787	4,355,694	85,286	$51.07
24	2012	3,209,604	1.0592	3,399,714	85,862	$39.60
25	2013	3,817,221	1.0424	3,979,068	86,972	$45.75
26	2014	6,271,678	1.0241	6,422,551	87,754	$73.19
27	2015	5,696,782	1.0132	5,771,774	90,335	$63.89
28	2016	5,706,842	1.0000	5,706,842	90,867	$62.80

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Customer Accounting and Marketing Expense

Line No.	Year	Total Customer Related Expenses (Excl. Uncollectibles)	Cost Index	Expense in 2016 Dollars	Annual Customers	Average Cost per Customer
	(A)	(B) WP-MFB-Cust Exp Data, Line 33	(C) Source: GDP Implict Price Deflator	(D) Col (B) * Col (C)	(E) WP-MFB-5 p1, Col (E)	(F) Col (D) / Col (E)
1	1989	2,864,392	1.7307	4,957,526	58,809	84.30
2	1990	3,442,112	1.6690	5,744,981	60,216	95.41
3	1991	3,565,057	1.6153	5,758,469	60,958	94.47
4	1992	3,740,667	1.5792	5,907,443	61,725	95.71
5	1993	4,032,636	1.5425	6,220,534	62,566	99.42
6	1994	3,935,631	1.5104	5,944,438	64,044	92.82
7	1995	3,677,860	1.4796	5,441,596	65,385	83.22
8	1996	3,695,729	1.4530	5,370,008	66,464	80.80
9	1997	3,390,219	1.4286	4,843,182	67,928	71.30
10	1998	3,377,588	1.4132	4,773,313	69,588	68.59
11	1999	3,319,897	1.3919	4,621,111	71,291	64.82
12	2000	3,042,687	1.3610	4,141,015	73,106	56.64
13	2001	1,318,450	1.3306	1,754,376	74,959	23.40
14	2002	1,114,892	1.3105	1,461,097	74,721	19.55
15	2003	2,340,981	1.2849	3,007,932	78,438	38.35
16	2004	3,171,337	1.2505	3,965,808	80,221	49.44
17	2005	3,204,083	1.2115	3,881,835	81,735	47.49
18	2006	4,130,827	1.1754	4,855,445	82,474	58.87
19	2007	3,990,833	1.1450	4,569,304	83,637	54.63
20	2008	3,927,632	1.1229	4,410,444	83,943	52.54
21	2009	4,317,533	1.1145	4,811,718	84,346	57.05
22	2010	4,816,133	1.1010	5,302,642	84,420	62.81
23	2011	7,556,567	1.0787	8,151,592	85,286	95.58
24	2012	9,647,965	1.0592	10,219,430	85,862	119.02
25	2013	3,519,219	1.0424	3,668,430	86,972	42.18
26	2014	5,036,775	1.0241	5,157,941	87,754	58.78
27	2015	5,637,886	1.0132	5,712,103	90,335	63.23
28	2016	4,737,995	1.0000	4,737,995	90,867	52.14

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Development of A & G Loading Factors

Line No.	Year	Plant A&G	Total Utility Plant	Plant-related A&G / Utility Plant	Non-Plant A&G	Adjusted O&M	Non-Plant A&G / Adjusted O&M
	(A)	(B) WP-MFB-6 p1&2A, Line 18	(C) WP-MFB-6 p1&2A, Line 21	(D) Col (B) / Col (C)	(E) WP-MFB-6 p1&2A, Line 12	(F) WP-MFB-6 p1&2A, Line 20	(G) Col (E) / Col (F)
1	1989	1,364,240	90,119,098	1.51%	5,909,986	8,789,813	67.2%
2	1990	1,429,254	99,467,339	1.44%	5,916,868	9,468,756	62.5%
3	1991	1,427,802	106,202,255	1.34%	6,262,331	9,604,565	65.2%
4	1992	1,435,822	112,423,806	1.28%	6,307,455	9,919,580	63.6%
5	1993	1,445,997	118,656,821	1.22%	6,311,505	10,375,088	60.8%
6	1994	1,342,813	124,120,097	1.08%	6,463,160	10,955,356	59.0%
7	1995	1,200,572	129,472,654	0.93%	5,625,812	10,756,889	52.3%
8	1996	1,405,850	135,806,318	1.04%	5,708,347	10,442,201	54.7%
9	1997	1,422,193	145,866,429	0.97%	5,543,252	10,255,675	54.1%
10	1998	1,311,090	156,424,246	0.84%	5,620,410	10,423,880	53.9%
11	1999	1,624,095	166,682,099	0.97%	6,187,199	10,155,876	60.9%
12	2000	2,209,040	174,018,261	1.27%	6,308,523	9,150,670	68.9%
13	2001	1,000,753	189,363,169	0.53%	11,088,012	7,533,407	147.2%
14	2002	1,127,386	202,252,941	0.56%	4,904,823	6,352,629	77.2%
15	2003	413,762	227,692,187	0.18%	4,376,775	8,615,202	50.8%
16	2004	401,446	239,474,276	0.17%	5,713,357	9,367,067	61.0%
17	2005	686,615	242,115,491	0.28%	4,218,671	10,090,659	41.8%
18	2006	696,565	263,405,595	0.26%	5,464,787	11,466,986	47.7%
19	2007	705,896	280,967,870	0.25%	5,829,666	11,734,639	49.7%
20	2008	734,523	298,931,548	0.25%	7,666,805	12,318,347	62.2%
21	2009	756,942	318,900,861	0.24%	7,997,073	13,469,376	59.4%
22	2010	1,218,997	328,222,369	0.37%	9,072,506	14,925,410	60.8%
23	2011	388,947	338,986,146	0.11%	6,668,773	16,907,246	39.4%
24	2012	689,718	339,610,905	0.20%	14,901,222	16,624,967	89.6%
25	2013	1,071,232	360,914,157	0.30%	13,527,831	12,972,812	104.3%
26	2014	1,132,042	379,562,429	0.30%	9,650,588	20,243,503	47.7%
27	2015	1,135,511	426,165,148	0.27%	11,452,287	19,797,077	57.8%
28	2016	850,423	453,429,242	0.19%	11,771,039	17,879,185	65.8%

Liberty Utilities (EnergyNorth Natural Gas) Corp.

Development of A & G Loading Factors

Line No.	Description	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)
1	**Nonplant Related A&G Expenses**																			
2	1790 Data Processing	0	0	1,221,330	1,268,573	1,213,411	1,148,132	1,108,635	1,152,448	1,180,023	1,216,082	1,251,689	1,211,703	1,297,657	939,758	0	0	0	0	0
3	1791 General Office Salaries	0	0	1,591,407	1,507,337	1,697,784	1,710,938	1,721,760	1,781,241	1,791,207	1,876,303	1,745,863	1,729,686	2,014,845	2,016,463	153,735	2,832,950	2,785,081	3,138,934	2,858,060
4	1793 Office Supplies	0	0	278,118	315,340	323,298	318,817	349,060	347,560	332,022	353,660	324,191	330,734	348,348	476,545	128,028	2,987,475	2,054,161	1,446,136	1,317,507
5	1794 Super. Fees & Spec Servs	0	0	683,729	629,173	702,387	769,761	718,935	839,542	670,272	625,714	558,649	567,459	580,687	523,092	259,214	169,183	499,375	930,684	653,279
6	1799 Injury & Damages	0	0	1,803	953	0	0	0	0	0	0	0	0	0	116,869	389,048	1,086	25,580	108,423	131,959
7	1800 Employee Welfare & Relief	0	0	203,570	188,696	253,807	136,711	145,458	87,700	131,950	126,335	123,090	131,238	124,465	668,196	1,665,715	1,792,716	1,734,487	2,722,240	2,414,329
8	1801 Misc Gen Exp	0	0	635,012	542,610	617,446	662,680	657,151	654,017	577,760	640,250	684,367	767,033	828,965	852,389	8,054,082	(38,334)	45,411	180,962	(160,685)
9	1807 Duplicate Misc Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(3,089,473)	(3,080,922)	(3,039,944)	(3,111,361)
10	Other Non-Plant A&G Expenses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Taxes other than Income	0	0	1,295,017	1,464,186	1,454,198	1,560,416	1,610,506	1,600,652	942,578	870,003	855,403	882,557	992,232	715,211	438,190	249,220	313,602	225,922	115,583
12	Total Non-Plant A&G Expenses (property taxes excluded)	0	0	5,909,986	5,916,868	6,262,331	6,307,455	6,311,505	6,463,160	5,625,812	5,708,347	5,543,252	5,620,410	6,187,199	6,308,523	11,088,012	4,904,823	4,376,775	5,713,357	4,218,671
13	**Plant Related A&G Expenses**																			
14	1797 Regulatory Exp	0	0	24,430	111,342	101,766	78,877	130,058	46,822	38,180	99,269	93,331	22,670	26,354	24,266	290,765	276,670	332,004	332,004	608,709
15	1798 Property Ins	0	0	923,310	927,329	919,552	944,964	910,245	936,439	807,797	899,988	896,372	875,967	878,375	1,017,636	709,988	850,716	75,865	69,442	77,906
16	1802 Gen Plt Maint	0	0	56,489	58,952	69,539	85,434	85,756	91,728	88,022	91,404	94,033	67,825	264,594	298,187	0	0	0	0	0
17	1803 Rents	0	0	360,011	331,631	336,945	326,547	319,938	267,824	266,573	315,189	338,457	344,628	454,772	868,951	0	0	5,893	0	0
18	Total Plant Related A&G Expenses	0	0	1,364,240	1,429,254	1,427,802	1,435,822	1,445,997	1,342,813	1,200,572	1,405,850	1,422,193	1,311,090	1,624,095	2,209,040	1,000,753	1,127,386	413,762	401,446	686,615
19	Total A&G																			
20	Total Allocable O&M (Total O&M less A&G)	0	0	8,789,813	9,468,756	9,604,565	9,919,580	10,375,088	10,955,356	10,756,889	10,442,201	10,255,675	10,423,880	10,155,876	9,150,670	7,533,407	6,352,629	8,615,202	9,367,067	10,090,659
21	Total Gross Plant $	0	82,443,851	90,119,098	99,467,339	106,202,255	112,423,806	118,656,821	124,120,097	129,472,654	135,806,318	145,866,429	156,424,246	166,682,099	174,018,261	189,363,169	202,252,941	227,692,187	239,474,276	242,115,491

Liberty Utilities (EnergyNorth Natural Gas) Corp.

Development of A & G Loading Factors

Line No.	Description	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Explanation
	(A)	(U)	(V)	(W)	(X)	(Y)	(Z)	(AA)	(AB)	(AC)	(AD)	(AE)	(AC)
1	**Nonplant Related A&G Expenses**												
2	1790 Data Processing	0	0	0	0	0	0	0					WP-MFB-Annual Accounting Data, Line52
3	1791 General Office Salaries	3,704,184	3,780,121	3,217,166	3,368,987	3,549,058	3,611,875	3,987,488					WP-MFB-Annual Accounting Data, Line53
4	1793 Office Supplies	1,285,586	1,258,535	1,907,292	2,137,889	1,902,353	1,981,458	1,979,723					WP-MFB-Annual Accounting Data, Line54
5	1794 Super. Fees & Spec Servs	560,762	680,692	1,113,799	537,870	1,634,211	398,577	4,096,557					WP-MFB-Annual Accounting Data, Line55
6	1799 Injury & Damages	120,049	172,173	132,330	133,305	656,433	34,882	2,091,312					WP-MFB-Annual Accounting Data, Line58
7	1800 Employee Welfare & Relief	2,324,499	1,874,415	2,757,364	3,181,825	2,367,702	1,909,111	3,313,700					WP-MFB-Annual Accounting Data, Line59
8	1801 Misc Gen Exp	68,997	50,986	431,254	259,971	244,478	251,741	356,021					WP-MFB-Annual Accounting Data, Line60
9	1807 Duplicate Misc Charges	(2,809,807)	(2,229,039)	(2,213,394)	(2,077,806)	(1,774,761)	(2,064,631)	(1,328,643)					WP-MFB-Annual Accounting Data, Line62
10	Other Non-Plant A&G Expenses	0	0	0	0	0	0	0	12,647,697	8,226,657	9,750,403	10,176,852	Line 19 - Line 18
11	Taxes other than Income	210,517	241,783	320,994	455,032	493,032	545,760	405,064	880,133	1,423,932	1,701,884	1,594,187	WP-MFB-Annual Accounting Data, Line64
12	Total Non-Plant A&G Expenses (property taxes excluded)	5,464,787	5,829,666	7,666,805	7,997,073	9,072,506	6,668,773	14,901,222	13,527,831	9,650,588	11,452,287	11,771,039	(Σ line 2 to Line 10) + Line 11
13	**Plant Related A&G Expenses**												
14	1797 Regulatory Exp	622,287	636,069	649,180	745,828	1,210,016	386,766	664,595	764,078	608,728	771,511	634,272	WP-MFB-Annual Accounting Data, Line56
15	1798 Property Ins	74,278	69,827	80,621	15,836	8,981	2,181	25,123	161,368	88,754	54,981	38,113	WP-MFB-Annual Accounting Data, Line57
16	1802 Gen Plt Maint	0	0	0	0	0	0	0	0	205,270	165,283	133,881	WP-MFB-Annual Accounting Data, Line61
17	1803 Rents	0	0	4,722	(4,722)	0	0	0	145,785	229,290	143,736	44,158	WP-MFB-Annual Accounting Data, Line63
18	Total Plant Related A&G Expenses	696,565	705,896	734,523	756,942	1,218,997	388,947	689,718	1,071,232	1,132,042	1,135,511	850,423	(Σ line 14 to Line 17)
19	Total A&G								13,718,929	9,358,699	10,885,914	11,027,275	Company Data
20	Total Allocable O&M (Total O&M less A&G)	11,466,986	11,734,639	12,318,347	13,469,376	14,925,410	16,907,246	16,624,967	12,972,812	20,243,503	19,797,077	17,879,185	WP-MFB-3 p1A, Line28 + WP-MFB-Op Exp Data, Line75 + WP-MFB-Op Exp Data, Line76 + WP-MFB-Cust Exp Data, Line33
21	Total Gross Plant $	263,405,595	280,967,870	298,931,548	318,900,861	328,222,369	338,986,146	339,610,905	360,914,157	379,562,429	426,165,148	453,429,242	WP-MFB-6 p3&4A, Line9

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study

Development of Miscellaneous Loading Factors

		M&S and Prepayments Analysis			General Plant Analysis		
Line No.	Year	M&S and Prepayments	Total Utility Plant	M&S & Prepay / Utility Plant	General Plant	Total Utility Plant	General Plant / Total Utility Plant
	(A)	(B)	(C)	(D)	(E)	(F)	(G)
		WP-MFB-6 p3&4A, Line 6	WP-MFB-6 p3&4A, Line 9	Col (B) / Col (C)	WP-MFB-6 p3&4A, Line 8	WP-MFB-6 p3&4A, Line 9	Col (E) / Col (F)
1	1989	3,629,263	90,119,098	4.03%	5,933,582	90,119,098	6.58%
2	1990	2,814,685	99,467,339	2.83%	6,503,724	99,467,339	6.54%
3	1991	2,978,851	106,202,255	2.80%	6,849,445	106,202,255	6.45%
4	1992	2,903,000	112,423,806	2.58%	7,659,250	112,423,806	6.81%
5	1993	2,911,222	118,656,821	2.45%	7,970,207	118,656,821	6.72%
6	1994	2,603,364	124,120,097	2.10%	8,384,740	124,120,097	6.76%
7	1995	2,653,717	129,472,654	2.05%	8,221,795	129,472,654	6.35%
8	1996	2,551,060	135,806,318	1.88%	8,870,155	135,806,318	6.53%
9	1997	2,737,535	145,866,429	1.88%	9,203,222	145,866,429	6.31%
10	1998	2,351,916	156,424,246	1.50%	9,478,301	156,424,246	6.06%
11	1999	2,472,925	166,682,099	1.48%	11,244,509	166,682,099	6.75%
12	2000	1,694,816	174,018,261	0.97%	7,255,965	174,018,261	4.17%
13	2001	1,423,213	189,363,169	0.75%	8,348,042	189,363,169	4.41%
14	2002	688,197	202,252,941	0.34%	11,173,887	202,252,941	5.52%
15	2003	12,491	227,692,187	0.01%	11,582,178	227,692,187	5.09%
16	2004	89,880	239,474,276	0.04%	10,499,392	239,474,276	4.38%
17	2005	464,721	242,115,491	0.19%	10,220,042	242,115,491	4.22%
18	2006	570,708	263,405,595	0.22%	11,333,343	263,405,595	4.30%
19	2007	556,729	280,967,870	0.20%	12,089,175	280,967,870	4.30%
20	2008	338,049	298,931,548	0.11%	15,097,758	298,931,548	5.05%
21	2009	356,896	318,900,861	0.11%	16,049,203	318,900,861	5.03%
22	2010	46,167	328,222,369	0.01%	16,060,707	328,222,369	4.89%
23	2011	2,715,050	338,986,146	0.80%	16,195,189	338,986,146	4.78%
24	2012	3,479,465	339,610,905	1.02%	8,811,783	339,610,905	2.59%
25	2013	2,870,074	360,914,157	0.80%	9,473,843	360,914,157	2.62%
26	2014	4,730,829	379,562,429	1.25%	10,590,671	379,562,429	2.79%
27	2015	6,132,549	426,165,148	1.44%	18,670,190	426,165,148	4.38%
28	2016	6,861,095	453,429,242	1.51%	23,326,152	453,429,242	5.14%

Liberty Utilities (EnergyNorth Natural Gas) Corp.

Development of Miscellaneous Loading Factors

Line No.	Description	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)
1	**Materials and Supplies and Prepayments Loader**																			
2	Materials and Supplies	0	0	5,171,473	5,759,164	6,009,797	9,804,208	10,148,000	9,443,673	9,397,268	10,278,497	10,579,101	10,889,994	10,988,064	8,252,716	9,726,073	6,829,583	12,264,678	14,721,037	18,472,896
3	Fuel Inventory (included above)	0	0	3,443,323	4,124,553	4,166,243	8,118,686	8,523,369	7,903,225	7,899,072	8,825,292	8,929,160	9,478,909	9,482,607	7,193,792	8,926,722	6,141,037	12,252,987	14,714,963	18,472,896
4	Prepayments	0	0	1,901,113	1,176,084	1,135,297	1,196,252	1,286,591	1,062,916	1,155,521	1,097,855	1,087,594	940,831	967,468	635,892	623,862	(349)	800	83,806	464,721
5	Fuel Related Prepayments	0	0	0	3,990	0	21,226	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Total M&S and Prepayments	0	0	3,629,263	2,814,685	2,978,851	2,903,000	2,911,222	2,603,364	2,653,717	2,551,060	2,737,535	2,351,916	2,472,925	1,694,816	1,423,213	688,197	12,491	89,880	464,721
7	**General Plant Loading Factor**																			
8	Total General Plant	0	5,237,937	5,933,582	6,503,724	6,849,445	7,659,250	7,970,207	8,384,740	8,221,795	8,870,155	9,203,222	9,478,301	11,244,509	7,255,965	8,348,042	11,173,887	11,582,178	10,499,392	10,220,042
9	Total Utility Plant	0	82,443,851	90,119,098	99,467,339	106,202,255	112,423,806	118,656,821	124,120,097	129,472,654	135,806,318	145,866,429	156,424,246	166,682,099	174,018,261	189,363,169	202,252,941	227,692,187	239,474,276	242,115,491
10	Annual Sales/Annual Sendout																			
11	97.63%																			

Liberty Utilities (EnergyNorth Natural Gas) Corp.

Development of Miscellaneous Loading Factors

Line No.	Description	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Explanation
	(A)	(U)	(V)	(W)	(X)	(Y)	(Z)	(AA)	(AB)	(AC)	(AD)	(AE)	(AC)
1	**Materials and Supplies and Prepayments Loader**												
2	Materials and Supplies	20,753,378	17,891,289	21,471,774	16,117,703	13,116,043	12,149,941	11,267,339	9,965,220	9,644,871	7,938,290	6,952,136	WP-MFB-Annual Accounting Data Line 6
3	Fuel Inventory (included above)	20,753,378	17,891,289	21,471,774	16,117,291	13,116,043	12,149,941	10,672,437	8,751,132	8,031,774	4,847,513	3,843,529	WP-MFB-Annual Accounting Data Line 7
4	Prepayments	570,708	556,729	338,049	356,483	46,167	2,715,050	2,884,563	1,655,986	3,117,732	3,041,771	3,752,488	WP-MFB-Annual Accounting Data Line 8
5	Fuel Related Prepayments	0	0	0	0	0	0	0	0	0	0	0	WP-MFB-Annual Accounting Data Line 9
6	Total M&S and Prepayments	570,708	556,729	338,049	356,896	46,167	2,715,050	3,479,465	2,870,074	4,730,829	6,132,549	6,861,095	Line 2 - Line 3 + Lines 4 and 5
7	**General Plant Loading Factor**												
8	Total General Plant	11,333,343	12,089,175	15,097,758	16,049,203	16,060,707	16,195,189	8,811,783	9,473,843	10,590,671	18,670,190	23,326,152	WP-MFB-Annual Accounting Data Line 4
9	Total Utility Plant	263,405,595	280,967,870	298,931,548	318,900,861	328,222,369	338,986,146	339,610,905	360,914,157	379,562,429	426,165,148	453,429,242	WP-MFB-Annual Accounting Data Line 5
10	Annual Sales/Annual Sendout												
11	97.63%												2016/2017 Cost of Gas Proceeding

Liberty Utilities (EnergyNorth Natural Gas) Corp. MCS Study

Line No.	EMBEDDED COST OF CAPITAL	Cost	Weight	After Tax Weighted Cost	Before Tax Weighted Cost	Explanation
	(A)	(B)	(C)	(D)	(E)	(F)
		Company Data	Company Data	Col (B) x Col (C)		
1	Debt	4.43%	50.00%	2.21%	2.21%	Col (D)
2	Preferred	0.00%	0.00%	0.00%	0.00%	Col (B) x (1/(1-Col (B), Line 6)) x Col (C)
3	Common	10.30%	50.00%	5.15%	8.50%	Col (B) x (1/(1-Col (B), Line 6)) x Col (C)
4	Other	0.00%	0.00%	0.00%	0.00%	Col (D)
5				7.36%	10.71%	
6	Federal and State Combined Tax Rate	39.41%				
7	Property Tax Rate-composite average tax rate	2.91%				
8	After Tax Cost of New Capital	6.49%				Col (D), Line 5 - (Col (B), Line 1 x Col (C), Line 1) x Col (B), Line 6
9	Inflation Rate	1.10%				
10	Property Tax Escalation Rate	2.50%				

Liberty Utilities (EnergyNorth Natural Gas) Corp. MCS Study

Line No.		Costs	Explanation
	(A)	(B)	(C)
1	Property Insurance	$ 48,015	Company Data
2	Net Plant in Service (FCOS)	$ 320,960,954	Company Data
3	Property Insurance	0.01%	Line 1/Line 2

Liberty Utilities (EnergyNorth Natural Gas) Corp. MCS Study
Tax Depreciation Rates

Line		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)
No.	Years	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	Twenty_Yr_MACRS	3.75%	7.22%	6.68%	6.18%	5.71%	5.29%	4.89%	4.52%	4.46%	4.46%	4.46%	4.46%	4.46%	4.46%	4.46%	4.46%	4.46%	4.46%	4.46%	4.46%	2.23%

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Test Year Weather Normalized Billing Determinants

	(A)	(B)	(C)	(D)	(E)	(F)	(F)
		2016 Calendar Weather Normalized Volumes			2016 Customers	2016 Calendar Weather Normalized Distribution Revenues	
1		Winter Therms	Summer Therms	Total Therms	Customers	$	Explanations
2	R-1	474,046	210,687	684,733	3,036	$ 694,481	Company Data
3	R-3	43,341,510	9,583,186	52,924,697	70,646	$ 36,326,571	Company Data
4	R-4	3,334,209	706,059	4,040,268	5,447	$ 1,118,646	Company Data
5	Total Resid.	47,149,766	10,499,933	57,649,698	79,129	$ 38,139,698	Σ Line 2 to Line 4
6	G-41	18,155,264	3,130,713	21,285,977	8,517	$ 11,202,908	Company Data
7	G-42	27,100,348	6,502,080	33,602,428	1,714	$ 12,451,487	Company Data
8	G-43	7,443,161	2,149,522	9,592,683	51	$ 2,244,971	Company Data
9	G-51	2,498,200	1,261,723	3,759,923	1,251	$ 1,390,812	Company Data
10	G-52	4,452,063	2,698,187	7,150,251	309	$ 1,585,741	Company Data
11	G-53	5,870,602	4,013,652	9,884,254	34	$ 1,376,073	Company Data
12	G-54	8,307,009	8,952,751	17,259,760	27	$ 931,478	Company Data
13	Total C/I	73,826,646	28,708,629	102,535,275	11,902	$ 31,183,471	Σ Line 6 to Line 12
14	Total All	120,976,412	39,208,562	160,184,974	91,031	$ 69,323,169	Line 5 + Line 13

Liberty Utilities (EnergyNorth Natural Gas) Corp. MCS Study
Bureau of Economic Analysis, Table 1.1.9. Implicit Price Deflators for Gross Domestic Product

[Index numbers, 2009=100] Index
Last Revised on: January 27, 2017 - Next Release Date February 28, 2017 **2016**

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)
Line No.		1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
1	Gross domestic product	61.982	64.392	66.773	68.996	70.569	72.248	73.785	75.324	76.699	78.012	78.859	80.065	81.887	83.754	85.039	86.735	89.12	91.988	94.814
2	Personal consumption expenditures	61.974	64.641	67.44	69.652	71.494	73.279	74.803	76.356	77.981	79.327	79.936	81.11	83.131	84.736	85.873	87.572	89.703	92.261	94.729
3	Goods	80.627	83.729	87.158	89.289	90.366	91.151	92.078	92.939	93.96	93.851	92.44	92.925	94.769	94.697	93.806	93.703	95.03	96.951	98.277
4	Durable goods	122.811	125.049	126.292	128.143	129.028	130.297	132.848	133.817	132.467	129.574	125.912	122.52	120.339	117.982	115.034	110.885	108.752	107.668	105.915
5	Nondurable goods	63.527	66.679	70.501	72.559	73.614	74.212	74.607	75.387	77.094	77.899	77.326	79.248	82.651	83.529	83.538	85.264	88.214	91.592	94.438
6	Services	53.501	55.966	58.473	60.698	62.831	65.006	66.763	68.594	70.462	72.428	73.922	75.404	77.502	79.88	81.969	84.533	87.058	89.933	92.976
7	Gross private domestic investment	76.559	78.507	80.079	81.494	81.454	82.408	83.639	84.954	84.904	84.919	84.308	84.441	85.613	86.43	86.78	87.839	90.656	94.556	98.191
8	Fixed investment	75.639	77.587	79.28	80.662	80.678	81.647	82.886	84.242	84.298	84.448	83.995	84.186	85.45	86.268	86.613	87.734	90.546	94.507	98.167
9	Nonresidential	86.511	88.517	90.413	92.116	91.773	91.968	92.666	93.558	92.968	92.453	91.011	90.167	90.66	90.393	90.047	89.884	91.141	93.829	96.561
10	Structures	41.163	42.775	44.157	44.956	44.967	46.286	47.92	49.996	51.266	53.223	55.659	57.378	59.635	62.762	65.404	67.774	72.879	82.056	92.048
11	Equipment	119.808	122.098	124.594	126.705	126.513	125.034	124.812	123.445	120.646	117.317	112.054	107.728	105.386	102.28	100.246	98.52	98.36	98.639	98.317
12	Intellectual property products	84.521	85.585	86.456	88.505	87.462	88.069	88.422	90.898	91.21	91.724	91.32	93.074	96.125	96.408	95.407	95.192	95.109	95.986	97.508
13	Residential	54.052	55.819	57.105	57.848	58.561	60.945	63.15	65.408	66.812	68.424	70.229	72.86	76.093	79.705	81.679	85.549	91.546	98.103	103.821
14	Change in private inventories	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	Exports	83.696	85.085	85.566	86.519	86.096	86.229	87.227	89.177	87.988	86.435	84.388	85.579	87.159	86.65	86.092	87.786	90.845	94.717	97.979
17	Goods	94.3	95.51	94.667	94.624	93.146	92.676	93.728	95.955	93.514	90.918	88.051	86.859	88.366	87.85	87.205	88.991	92.248	95.47	98.828
18	Services	61.17	62.864	65.843	68.654	70.266	71.559	72.428	73.79	75.246	76.008	75.85	82.772	84.544	84.048	83.702	85.185	87.787	93.179	96.219
19	Imports	83.029	84.844	87.277	86.55	86.619	85.956	86.763	89.14	87.586	84.542	79.989	81.278	84.818	82.716	81.712	84.512	88.471	93.802	97.663
20	Goods	88.968	91.458	93.138	91.377	90.877	89.862	90.516	92.929	90.573	86.832	81.587	81.684	85.988	83.548	82.085	84.553	88.7	94.581	98.666
21	Services	60.171	59.853	64.337	66.691	68.563	69.144	70.501	72.702	74.516	74.514	73.057	80.427	80.012	79.636	80.974	85.548	88.577	91.089	93.826
22	Government consumption expenditures and gross investment	51.47	53.452	55.675	57.674	59.475	60.895	62.512	64.326	65.658	66.931	68.067	70.402	73.43	75.558	77.425	80.341	83.947	88.235	92.086
23	Federal	57.361	58.929	60.806	63.067	64.642	66.039	67.789	69.945	71.129	72.224	73.059	74.867	77.341	78.748	81.31	84.773	87.736	91.449	94.448
24	National defense	57.389	58.897	60.88	62.888	64.661	65.636	67.261	69.266	70.451	71.435	72.23	74.034	76.467	77.874	80.529	84.475	87.371	91.395	94.633
25	Nondefense	57.029	58.755	60.346	63.228	64.333	66.638	68.639	71.085	72.266	73.566	74.471	76.285	78.829	80.237	82.645	85.297	88.377	91.529	94.101
26	State and local	47.958	50.278	52.784	54.623	56.601	58.049	59.593	61.212	62.627	63.996	65.285	67.875	71.16	73.626	75.141	77.761	81.719	86.333	90.677
	Addendum:																			
27	Gross national product	61.925	64.339	66.732	68.966	70.536	72.212	73.747	75.292	76.669	77.982	78.831	80.042	81.862	83.728	85.014	86.711	89.095	91.965	94.791
28	**Gross domestic product (2016 = 100)**	1.79804	1.73074	1.66903	1.61525	1.57925	1.54255	1.51042	1.47955	1.45303	1.42858	1.41323	1.39194	1.36097	1.33063	1.31053	1.2849	1.25052	1.21153	1.17542

Liberty Utilities (EnergyNorth Natural Gas) Corp. MCS Study
Bureau of Economic Analysis, Table 1.1.9. Implicit Price Deflators for Gross Domestic Product
[Index numbers, 2009=100]
Last Revised on: January 27, 2017 - Next Release Date February 28, 2017

(A)		(U)	(V)	(W)	(X)	(Y)	(Z)	(AA)	(AB)	(AC)	(AD)
Line No.		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
1	Gross domestic product	97.337	99.246	100	101.221	103.311	105.214	106.913	108.828	109.998	111.446
2	Personal consumption expenditures	97.102	100.065	100	101.653	104.149	106.121	107.532	109.15	109.532	110.734
3	Goods	99.403	102.362	100	101.637	105.413	106.701	106.116	105.727	102.68	101.28
4	Durable goods	103.764	101.758	100	98.621	97.724	96.413	94.59	92.411	90.463	88.562
5	Nondurable goods	97.214	102.653	100	103.084	109.188	111.84	111.946	112.595	108.92	107.848
6	Services	95.981	98.947	100	101.661	103.524	105.84	108.276	110.946	113.149	115.746
7	Gross private domestic investment	99.985	101.203	100	99.076	100.424	101.864	103.43	105.593	106.539	107.437
8	Fixed investment	99.988	100.996	100	99.179	100.524	102.062	103.67	106.03	107.062	108.186
9	Nonresidential	98.574	100.336	100	99.069	100.545	102.215	103.023	104.423	105.051	105.494
10	Structures	97.62	102.259	100	98.843	101.851	105.884	108.116	112.213	112.202	112.427
11	Equipment	98.602	98.691	100	98.009	98.858	99.861	100.047	100.482	101.277	101.51
12	Intellectual property products	99.181	100.826	100	100.539	101.882	102.966	103.755	104.771	105.583	106.484
13	Residential	105.176	103.647	100	99.644	100.395	101.324	106.393	112.795	115.479	119.126
14	Change in private inventories	---	---	---	---	---	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---	---	---	---	---	---
16	Exports	101.107	105.809	100	104.263	110.96	111.97	112.064	112.134	106.778	104.873
17	Goods	102.187	107.204	100	105.033	113.048	113.526	112.774	111.804	104.196	100.533
18	Services	98.823	102.813	100	102.641	106.477	108.64	110.56	112.868	112.317	114.1
19	Imports	101.024	111.588	100	105.8	113.942	114.671	113.634	113.368	104.726	101.547
20	Goods	102.188	113.853	100	106.737	116.178	116.918	115.34	114.619	104.417	100.666
21	Services	96.417	101.809	100	101.816	104.105	104.789	106.195	108.018	106.628	106.118
22	Government consumption expenditures and gross investment	96.14	100.282	100	102.673	105.717	107.378	109.046	111.263	111.605	112.715
23	Federal	97.319	100.286	100	102.614	105.422	106.512	107.581	109.431	109.979	111.068
24	National defense	97.572	100.809	100	102.365	105.274	106.466	107.167	108.699	108.923	109.766
25	Nondefense	96.85	99.321	100	103.064	105.691	106.6	108.296	110.668	111.724	113.187
26	State and local	95.426	100.279	100	102.714	105.923	107.985	110.063	112.522	112.732	113.855
	Addendum:										
27	Gross national product	97.318	99.239	100	101.333	103.435	105.338	107.038	108.947	110.09	---
28	**Gross domestic product (2016 = 100)**	1.14495	1.12293	1.11446	1.10102	1.07874	1.05923	1.0424	1.02406	1.01316	1

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Handy Whitman, G-1: COST TRENDS OF GAS UTILITY CONSTRUCTION, North Atlantic Region

Line No.	Year	Cost Index	Adjustment Factor	Cost Index	Adjustment Factor	Mains: % plastic	Mains: % steel	Cost Index	Adjustment Factor	Cost Index	Adjustment Factor	Cost Index	Cost Index	Services: % plastic	Services: % steel	Cost Index	Adjustment Factor
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
		Handy Whitman - G1 - July 2016 Release, Mains - Plastic	Col (A), Line 26 Year (2016) / Line n Year (n)	Handy Whitman - G1 - July 2016 Release, Mains, Steel	Col (C), Line 26 Year (2016) / Line n Year (n)	Company Data	Company Data	Whitman G1 - Mains Steel and Plastic Weighted by Steel and Plastic % of Mains	Col (G), Line 26 Year (2016) / Line n Year (n)	Handy Whitman - G1 - July 2016 Release, Meters	Col (I), Line 26 Year (2016) / Line n Year (n)	Handy Whitman - G1 - July 2016 Release, Services, Steel	Handy Whitman - G1 - July 2016 Release, Services, Plastic	Company Data	Company Data	Whitman G1 - Services Steel and Plastic Weighted by Steel and Plastic % of	Col (O), Line 26 Year (2016) / Line n Year (n)
1	1988	261	2.164	265	3.082	10.00%	90.00%	265	2.265	170	2.279	258	253	85.15%	14.85%	253	2.510
2	1989	280	2.019	283	2.891	6.57%	93.43%	283	2.123	177	2.195	272	268	86.16%	13.84%	269	2.367
3	1990	289	1.958	290	2.819	24.52%	75.48%	290	2.071	185	2.097	281	277	92.73%	7.27%	278	2.291
4	1991	297	1.903	299	2.732	82.37%	17.63%	297	2.017	190	2.039	293	289	92.08%	7.92%	290	2.196
5	1992	302	1.873	308	2.659	84.08%	15.92%	303	1.982	192	2.026	303	299	94.65%	5.35%	299	2.123
6	1993	310	1.823	317	2.577	89.81%	10.19%	311	1.931	191	2.037	312	309	89.77%	10.23%	309	2.055
7	1994	316	1.792	337	2.426	81.07%	18.93%	320	1.877	189	2.058	326	317	97.35%	2.65%	317	2.004
8	1995	322	1.755	346	2.364	69.23%	30.77%	329	1.822	190	2.042	331	323	97.04%	2.96%	323	1.967
9	1996	330	1.715	349	2.341	81.60%	18.40%	333	1.801	192	2.023	339	331	96.09%	3.91%	332	1.917
10	1997	337	1.677	360	2.274	84.49%	15.51%	340	1.762	196	1.985	348	340	97.58%	2.42%	340	1.867
11	1998	344	1.644	366	2.232	75.08%	24.92%	349	1.717	196	1.980	357	349	97.30%	2.70%	349	1.819
12	1999	351	1.613	377	2.168	86.66%	13.34%	354	1.695	191	2.034	366	359	97.96%	2.04%	359	1.770
13	2000	358	1.579	396	2.064	88.29%	11.71%	362	1.655	202	1.923	381	371	97.82%	2.18%	371	1.712
14	2001	367	1.541	405	2.021	41.81%	58.19%	389	1.543	209	1.854	390	384	96.84%	3.16%	384	1.653
15	2002	374	1.510	411	1.989	83.24%	16.76%	380	1.577	202	1.926	399	395	95.35%	4.65%	395	1.609
16	2003	381	1.485	426	1.918	81.02%	18.98%	389	1.541	193	2.013	408	403	93.92%	6.08%	403	1.578
17	2004	397	1.424	506	1.617	83.81%	16.19%	415	1.447	183	2.123	447	423	91.96%	8.04%	425	1.495
18	2005	422	1.341	600	1.363	86.19%	13.81%	446	1.345	185	2.094	492	443	88.30%	11.70%	449	1.417
19	2006	443	1.275	625	1.307	70.88%	29.12%	496	1.209	197	1.972	512	463	84.00%	16.00%	471	1.350
20	2007	467	1.210	615	1.330	80.23%	19.77%	496	1.209	227	1.708	526	490	99.76%	0.24%	490	1.298
21	2008	492	1.150	700	1.167	56.71%	43.29%	582	1.031	251	1.549	576	521	98.10%	1.90%	522	1.218
22	2009	512	1.104	692	1.182	76.77%	23.23%	554	1.083	256	1.519	591	546	90.50%	9.50%	550	1.155
23	2010	505	1.120	718	1.138	76.94%	23.06%	554	1.083	253	1.532	610	555	88.02%	11.98%	562	1.132
24	2011	522	1.083	794	1.030	91.36%	8.64%	545	1.100	256	1.514	648	576	90.92%	9.08%	583	1.091
25	2012	541	1.045	857	0.954	93.82%	6.18%	561	1.070	269	1.445	681	592	88.56%	11.44%	602	1.056
26	2013	545	1.038	846	0.966	92.61%	7.39%	567	1.058	289	1.343	681	598	89.17%	10.83%	607	1.047
27	2014	551	1.027	851	0.960	94.04%	5.96%	568	1.055	349	1.111	693	613	99.44%	0.56%	613	1.037
28	2015	559	1.012	834	0.980	96.10%	3.90%	569	1.053	376	1.032	697	626	99.52%	0.48%	627	1.014
29	2016	565	1.000	818	1.000	86.25%	13.75%	600	1.000	388	1.000	697	636	99.74%	0.26%	636	1.000

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Operations Expense Data - T&D

Line No.	Acct No. Description	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)	(X)	(Y)
	Transmission and Distribution Exnense																								
1																									
2	Operations Expense																								
3	1756 -Superintendence	0	0	876,635	911,187	971,398	1,008,416	1,044,727	1,097,962	1,140,215	1,192,103	1,249,414	1,302,560	1,321,293	1,133,718	351,836	57,284	320,464	312,197	194,191	562,811	579,859	589,212	575,083	500,118
4	1761 -Oper Of Distribution Lines	0	0	499,455	506,645	465,317	427,244	425,732	477,794	418,145	419,195	410,571	372,897	335,345	459,144	2,201,098	1,347,852	1,142,383	1,309,514	994,006	744,596	777,989	1,056,016	1,902,345	2,278,284
5	1762.1-Meter Operating Labor And Expense	0	0	560,876	526,850	531,909	516,860	472,644	455,773	367,338	312,919	350,967	377,846	520,572	564,951	794,765	617,813	578,786	762,729	1,054,884	1,009,092	1,180,415	1,314,235	1,160,639	1,380,056
6	1762.2-Other Expense On Cust Prem	0	0	1,521,593	1,575,073	1,593,768	1,646,356	1,660,222	1,867,950	1,836,058	1,625,448	1,559,297	1,608,343	1,486,528	1,241,404	730,015	509,277	326,395	137,913	28,052	108,592	98,155	81,652	113,282	158,307
7	**Operations Expense**	**0**	**0**	**3,458,559**	**3,519,755**	**3,562,392**	**3,598,876**	**3,603,325**	**3,899,479**	**3,761,756**	**3,549,665**	**3,570,249**	**3,661,646**	**3,663,738**	**3,399,217**	**4,077,714**	**2,532,226**	**2,368,028**	**2,522,353**	**2,271,133**	**2,425,091**	**2,636,418**	**3,041,115**	**3,751,349**	**4,316,765**
8	Maintenance																								
9	1765- Maintenance Of Structures	0	0	87,025	99,537	52,538	39,076	25,516	77,843	51,158	37,502	47,161	36,752	0	0	9,504	1,277	18,871	22,753	25,340	21,010	19,842	24,632	82,201	258,021
10	1768- Maintenance Of Distribution Lines	0	0	1,210,020	1,134,825	1,219,471	1,361,653	1,465,370	1,714,317	1,824,935	1,752,954	1,800,709	1,929,672	1,853,705	1,959,501	998,586	1,377,884	2,543,029	2,338,751	2,910,168	3,268,164	3,316,526	3,412,046	3,295,821	3,374,029
11	1771- Maint Of Services	0	0	299,570	282,422	308,611	337,191	343,124	319,008	531,891	487,791	491,614	523,597	483,637	315,671	601,828	658,851	672,980	599,662	942,821	978,716	1,117,239	1,223,678	1,417,881	1,636,346
12	1772- Maintenance Of Customer's Meters	0	0	154,861	154,842	166,660	205,783	235,959	239,352	164,524	121,875	141,279	124,235	107,248	91,997	106,371	110,542	217,685	234,867	147,822	150,171	152,318	175,277	163,262	176,179
13	**Maintenance Expense**	**0**	**0**	**1,751,476**	**1,671,626**	**1,747,280**	**1,943,703**	**2,069,969**	**2,350,520**	**2,572,508**	**2,400,122**	**2,480,763**	**2,614,256**	**2,444,590**	**2,367,169**	**1,716,289**	**2,148,554**	**3,452,565**	**3,196,033**	**4,026,151**	**4,418,061**	**4,605,925**	**4,835,633**	**4,959,165**	**5,444,575**
14	**T & D Exnense**	**0**	**0**	**5.210.035**	**5.191.381**	**5.309.672**	**5.542.579**	**5.673.294**	**6.249.999**	**6.334.264**	**5.949.787**	**6.051.012**	**6.275.902**	**6.108.328**	**5.766.386**	**5.794.003**	**4.680.780**	**5.820.593**	**5.718.386**	**6.297.284**	**6.843.152**	**7.242.343**	**7.876.748**	**8.710.514**	**9.761.340**
15	Allocation of Dist Lines to Customer Component																								
16	Services Investment	0	20,331,180	23,205,608	25,730,066	28,432,370	30,670,769	33,199,016	35,476,909	37,744,390	40,038,869	42,706,896	46,615,422	49,171,645	54,085,437	57,948,787	61,018,971	66,715,050	72,292,215	73,756,127	80,850,399	87,209,710	91,485,682	99,438,261	103,124,601
17	Mains Investment	0	38,217,745	41,637,189	46,738,847	49,495,895	51,743,320	54,299,184	56,239,217	58,619,137	62,326,668	67,701,530	72,847,284	76,920,478	81,138,985	93,264,062	99,340,539	116,503,764	122,919,791	125,879,287	136,231,864	144,768,223	154,426,368	163,158,198	168,151,626
18	Services/(Services+Mains)		34.73%	35.79%	35.50%	36.49%	37.22%	37.94%	38.68%	39.17%	39.11%	38.68%	39.02%	39.00%	40.00%	38.32%	38.05%	36.41%	37.03%	36.95%	37.24%	37.59%	37.20%	37.87%	38.01%
19	Customer-related Dist Lines Expense		0	178,742	179,884	169,772	159,001	161,533	184,817	163,782	163,962	158,812	145,508	130,773	183,643	843,519	512,876	415,973	484,948	367,240	277,318	292,477	392,865	720,367	866,081
20	Customer Related Allocation of Superintendence Expense																								
21	Cust %			62.7%	63.5%	63.9%	63.2%	62.1%	59.5%	59.0%	57.0%	56.3%	55.9%	57.0%	51.8%	56.5%	52.1%	40.2%	41.1%	41.6%	40.2%	42.6%	43.7%	43.9%	45.5%
22	Customer Superintendence	-	-	549.367	578.848	620.402	637.230	648.582	653.594	672.530	679.528	703.074	727.982	753.178	586.763	198.896	29.851	128.871	128.208	80.845	226.178	247.228	257.733	252.743	227.722
23	Transmission Expense																								
24	8840-2-0000-51-5010-8570 Measuring & Reg Stn Exp - Labor																								
25	**Total Labor Expense**																								
26	Other Expense:																								
27	8840-2-0000-51-5438-8570 Measuring & Regulating Station Exp																								
28	8840-2-0000-56-5210-8630 Maintenance of Transmission Mains																								
29	**Total Other Exnense**																								
30	**Total Transmission Exnense**																								
31	Distribution Expenses																								
32	Labour Expense :																								
33	8840-2-0000-51-5010-8710 Oper-Dist-Load Dispatching - Labour																								
34	8840-2-0000-51-5010-8740 Mains & services - Labor																								
35	8840-2-0000-51-5010-8750 Measuring and Regulating Station Expenses - labor																								
36	8840-2-0000-51-5010-8760 Oner-Stat Exn-Industrial - Labour																								
37	8840-2-0000-51-5010-8780 Meter & house regulator - Labor																								
38	8840-2-0000-51-5010-8790 Customer installations expenses - Labor																								
39	8840-2-0000-51-5010-8800 Other expenses - Labor																								
40	8840-2-0000-51-5010-8810 Distribution-Rents-Labour																								
41	8840-2-0000-56-5010-8630 Maintenance of Transmission Mains - Labor																								
42	8840-2-0000-56-5010-8700 Operation supervision and engineering-Labour																								
43	8840-2-0000-56-5010-8850 Maint supervision and engineering - Labor																								
44	8840-2-0000-56-5010-8860 Maint of structures & improvements - Labor																								
45	8840-2-0000-56-5010-8870 Maint of mains - Labor																								
46	8840-2-0000-56-5010-8890 Maint of meas & reg stn eqt-Gen Labor																								
47	8840-2-0000-56-5010-8920 Maint of services - Labor																								
48	8840-2-0000-56-5010-8930 Maint of meters & house regulators - Labor																								
49	8840-2-0000-56-5010-8940 Maint of other eqt - Labor																								
50	**Total Labour Expense**																								
51	Other Expense:																								
52	8840-2-0000-51-5430-8790 Customer installations exnenses																								
53	8840-2-0000-51-5431-8760 Oper-Stat Exp-Industrial																								
54	8840-2-0000-51-5435-8710 Oper-Dist-Load Dispatching																								
55	8840-2-0000-51-5435-8800 Other expenses																								
56	8840-2-0000-51-5435-8810 Distribution-Rents-Expense																								
57	8840-2-0000-51-5436-8740 Mains & services expenses																								
58	8840-2-0000-51-5437-8780 Meter & house regulator expenses																								
59	8840-2-0000-56-5210-5930 Maint of overhead lines																								
60	8840-2-0000-56-5210-8860 Maint of structures & imnrovements																								
61	8840-2-0000-56-5210-8870 Maint of mains																								
62	8840-2-0000-56-5210-8890 Maint of meas & reg stn eqt-Gen exp																								
63	8840-2-0000-56-5210-8920 Maint of services exp																								
64	8840-2-0000-56-5210-8930 Maint of meters & house regulators exp																								
65	8840-2-0000-56-5210-8940 Maint of other eqt exp																								
66	8840-2-0000-56-5435-8700 Operation Supervision & Engineering																								
67	**Total Other Expense**																								
68	**Total Distribution Exnense**																								
69	**Total T&D Exnense**																								
70	Customer-Related Allocation of Mains & Services Expenses																								
71	Customer-Related Expenses																								
72	Total Customer and Capacity-Related Expenses (not allocated)																								
73	Customer-Related %																								
74	Customer-Related Allocation of Other Expenses																								
75	**Customer - Related Expenses**	-	-	3,265,009	3,297,919	3,391,122	3,502,421	3,522,064	3,720,493	3,736,123	3,391,523	3,405,043	3,507,511	3,481,936	2,984,429	3,275,394	2,439,210	2,340,691	2,348,327	2,621,664	2,750,067	3,087,832	3,445,440	3,828,174	4,444,691
76	**Capacity-Related Expenses**		-	#########	#########	#########	#########	#########	#########	#########	#########	#########	#########	#########	#########	#########	#########	#########	#########	#########	#########	#########	#########	#########	#########

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study
Operations Expense Data - T&D

Line No.	Acct No.	Description	2011	2012	2013	2014	2015	2016	Explanation
		(A)	(Z)	(AA)	(AB)	(AC)	(AD)	(AE)	(AF)
		Transmission and Distribution Exnense							
1									
2		Operations Expense							
3		1756 -Superintendence	415,971	502,529					WP-MFB-Annual Accounting Data, Line 28
4		1761 -Oper Of Distribution Lines	2,312,143	2,333,460					WP-MFB-Annual Accounting Data, Line 29
5		1762.1-Meter Operating Labor And Expense	1,317,272	1,039,221					WP-MFB-Annual Accounting Data, Line 30
6		1762.2-Other Expense On Cust Prem	9,632	48,015					WP-MFB-Annual Accounting Data, Line 31
7		**Operations Expense**	**4.055,018**	**3.923,225**					Line 3 + Line 4 + Line 5 + Line 6
8		Maintenance							
9		1765- Maintenance Of Structures	198,416	104,368					WP-MFB-Annual Accounting Data, Line 34
10		1768- Maintenance Of Distribution Lines	3,135,079	1,491,303					WP-MFB-Annual Accounting Data, Line 35
11		1771- Maint Of Services	1,393,540	820,761					WP-MFB-Annual Accounting Data, Line 36
12		1772- Maintenance Of Customer's Meters	232,596	147,367					WP-MFB-Annual Accounting Data, Line 37
13		**Maintenance Expense**	**4,959,631**	**2.563,799**					Line 9 + Line 10 + Line 11 + Line 12
14		**T & D Exnense**	**9.014.649**	**6.487.024**					Line 7 + Line 13
15		Allocation of Dist Lines to Customer Component							
16		Services Investment	109,219,601	111,947,171	118,100,974	123,954,772	134,933,509	143,518,867	WP-MFB-Annual Accounting Data, Line 3
17		Mains Investment	171,872,739	176,506,569	188,406,611	195,911,540	208,516,455	216,577,069	WP-MFB-Annual Accounting Data, Line 2
18		Services/(Services+Mains)	38.86%	38.81%	38.53%	38.75%	39.29%	39.86%	Line 16 / (Line 17 + Line 16)
19		Customer-related Dist Lines Expense	898,393	905,602					Line 4 * Line 18
20		Customer Related Allocation of Superintendence Expense							
21		Cust %	44.8%	49.5%					(Line 5 + Line 6 + Line 11 + Line 12 + Line 19) / (Line 14 - Line 3)
22		Customer Superintendence	186.318	248.638					Line 3 * Line 21
23		Transmission Expense							
24		8840-2-0000-51-5010-8570 Measuring & Reg Stn Exp - Labor			0	0	202	0	Company Data
25		**Total Labor Expense**			**0**	**0**	**202**	**0**	Line 24
26		Other Expense:							
27		8840-2-0000-51-5438-8570 Measuring & Regulating Station Exp			71	0	4,400	30,299	Company Data
28		8840-2-0000-56-5210-8630 Maintenance of Transmission Mains			0	0	125,753	8,086	Company Data
29		**Total Other Exnense**			**71**	**0**	**130.153**	**38.385**	Line 27 + Line 28
30		**Total Transmission Exnense**			**71**	**0**	**130.355**	**38.385**	Line 25 + Line 29
31		Distribution Expenses							
32		Labour Expense :							
33		8840-2-0000-51-5010-8710 Oper-Dist-Load Dispatching - Labour			156,039	315,570	168,391	205,519	Company Data
34		8840-2-0000-51-5010-8740 Mains & services - Labor			3,634,595	3,756,669	3,099,323	3,088,970	Company Data
35		8840-2-0000-51-5010-8750 Measuring and Regulating Station Expenses - labor			64,429	161,888	93,697	123,901	Company Data
36		8840-2-0000-51-5010-8760 Oner-Stat Exn-Industrial - Labour			2,215	19,563	19,138	9,131	Company Data
37		8840-2-0000-51-5010-8780 Meter & house regulator - Labor			736,556	1,277,769	1,452,407	1,451,946	Company Data
38		8840-2-0000-51-5010-8790 Customer installations expenses - Labor			0	0	32,724	2,331	Company Data
39		8840-2-0000-51-5010-8800 Other expenses - Labor			172,734	332,932	516,613	444,445	Company Data
40		8840-2-0000-51-5010-8810 Distribution-Rents-Labour			0	743	0	0	Company Data
41		8840-2-0000-56-5010-8630 Maintenance of Transmission Mains - Labor			0	0	17,458	(2,603)	Company Data
42		8840-2-0000-56-5010-8700 Operation supervision and engineering-Labour			414,828	1,333,172	956,013	808,733	Company Data
43		8840-2-0000-56-5010-8850 Maint supervision and engineering - Labor			1,321	3,285	0	0	Company Data
44		8840-2-0000-56-5010-8860 Maint of structures & improvements - Labor			92,675	64,929	109,730	73,244	Company Data
45		8840-2-0000-56-5010-8870 Maint of mains - Labor			134,746	758,577	964,551	631,674	Company Data
46		8840-2-0000-56-5010-8890 Maint of meas & reg stn eqt-Gen Labor			35,317	48,891	37,948	29,440	Company Data
47		8840-2-0000-56-5010-8920 Maint of services - Labor			396,861	752,798	566,498	337,981	Company Data
48		8840-2-0000-56-5010-8930 Maint of meters & house regulators - Labor			93,042	162,385	189,299	144,457	Company Data
49		8840-2-0000-56-5010-8940 Maint of other eqt - Labor			64,957	33,814	4,961	2,699	Company Data
50		**Total Labour Expense**			**6.000,312**	**9.022.983**	**8.228.752**	**7,351,866**	(Σ line 33 to Line 49)
51		Other Expense:							
52		8840-2-0000-51-5430-8790 Customer installations exnenses			2.500	1.500	0	0	Company Data
53		8840-2-0000-51-5431-8760 Oper-Stat Exp-Industrial			(37)	16,014	0	4,967	Company Data
54		8840-2-0000-51-5435-8710 Oper-Dist-Load Dispatching			25,630	157,509	17,565	37,277	Company Data
55		8840-2-0000-51-5435-8800 Other expenses			283,450	279,795	357,094	459,004	Company Data
56		8840-2-0000-51-5435-8810 Distribution-Rents-Expense			16,585	13,942	15,154	12,098	Company Data
57		8840-2-0000-51-5436-8740 Mains & services expenses			1,830,209	1,184,458	1,208,761	1,602,584	Company Data
58		8840-2-0000-51-5437-8780 Meter & house regulator expenses			12,431	285,507	84,740	278,496	Company Data
59		8840-2-0000-56-5210-5930 Maint of overhead lines			3,735	0	0	0	Company Data
60		8840-2-0000-56-5210-8860 Maint of structures & improvements			(24)	12,076	9,750	23,742	Company Data
61		8840-2-0000-56-5210-8870 Maint of mains			335,495	1,756,096	1,604,188	1,012,569	Company Data
62		8840-2-0000-56-5210-8890 Maint of meas & reg stn eqt-Gen exp			3,125	54,002	12,171	25,126	Company Data
63		8840-2-0000-56-5210-8920 Maint of services exp			34,218	532,235	396,712	302,975	Company Data
64		8840-2-0000-56-5210-8930 Maint of meters & house regulators exp			8,636	127,588	53,422	90,819	Company Data
65		8840-2-0000-56-5210-8940 Maint of other eqt exp			(40)	3,199	249	3,517	Company Data
66		8840-2-0000-56-5435-8700 Operation Supervision & Engineering			4,520	755,246	973,011	877,701	Company Data
67		**Total Other Expense**			**2.560,433**	**5,179,166**	**4,732,816**	**4,730,872**	(Σ line 52 to Line 66)
68		**Total Distribution Exnense**			**8.560.744**	**14.202.150**	**12.961.568**	**12.082.738**	Line 50 + Line 67
69		**Total T&D Exnense**			**8.560.816**	**14.202.150**	**13.091.923**	**12.121.123**	Line 30 + Line 68
70		Customer-Related Allocation of Mains & Services Expenses			2,105,652	1,914,788	1,692,546	1,869,853	(Line 34 + Line 57) * Line 18
71		Customer-Related Expenses			3,389,896	5,054,570	4,468,348.51	4,478,857	Line 37 + Line 38 + Line 47 + Line 48 + Line 52 + Line 58 + Line 63 + Line 64 + Line 70
72		Total Customer and Capacity-Related Expenses (not allocated)			7,602,461	11,446,021	10,268,828	9,512,927	Line 69 - Line 39 - Line 40 - Line 42 - Line 43 - Line 49 - Line 55 - Line 56 - Line 65 - Line 66
73		Customer-Related %			44.6%	44.2%	43.5%	47.1%	Line 71 / Line 72
74		Customer-Related Allocation of Other Expenses			427,325	1,217,108	1,228,434	1,227,985	(Line 39 + Line 40 + Line 42 + Line 43 + Line 49 + Line 55 + Line 56 + Line 65 + Line 66) * Line 73
75		**Customer - Related Expenses**	4,037,750	3,209,604	3,817,221	6,271,678	5,696,782	5,706,842	Line 5 + Line 6 + Line 11 + Line 12 + Line 19 + Line 22 + Line 37 + Line 38 + Line 47 + Line 48 + Line 52 + Line 58 + Line 63 + Line 64 + Line 70 + Line 74
76		**Capacity-Related Expenses**	#########	######### ##	######### ###	######### ###	7,395,141	######### ###	Line 14 + Line 69 - Line 75

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study

Customer Expense Data

Line No.	Acct No.	Description	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)
	CUSTOMER EXPENSES																						
1	CUSTOMER ACCOUNT																						
2	1780	Reading And Collecting	0	0	841,816	878,837	903,695	972,046	980,779	1,001,654	975,317	992,143	807,366	712,776	723,430	683,342	383,485	372,899	359,496	332,677	287,552	220,540	243,534
3	1781	Customers' Billing And Accounting	0	0	1,456,446	1,736,750	1,801,720	1,864,036	1,894,040	1,824,423	1,790,452	1,668,951	1,537,651	1,549,775	1,512,465	1,405,344	472,177	687,826	1,607,067	1,647,596	1,851,657	2,252,094	2,412,367
4	1783	Uncollectible Accounts	0	0	986,000	1,140,000	1,092,000	1,100,000	1,152,000	1,250,000	950,000	1,100,000	1,150,000	1,050,000	850,000	1,245,901	1,155,393	1,772,756	1,604,114	1,664,414	5,226,989	2,509,388	3,762,926
5	1784	Cust Acctg & Coll Rents	0	0	60,454	92,619	73,795	70,650	69,149	60,258	57,625	68,936	69,923	75,204	0	0	0	0	0	0	0	0	0
6	**TOTAL CUSTOMER ACCTS EXP**		**0**	**0**	**3,344,716**	**3,848,206**	**3,871,210**	**4,006,732**	**4,095,968**	**4,136,335**	**3,773,394**	**3,830,030**	**3,564,940**	**3,387,755**	**3,085,895**	**3,334,587**	**2,011,055**	**2,833,481**	**3,570,677**	**3,644,687**	**7,366,198**	**4,982,022**	**6,418,827**
7	MARKETING SERVICES EXPENSES																						
8	1786	Salaries And Commissions	0	0	418,694	509,829	542,806	613,946	762,694	721,806	630,592	720,765	661,190	746,793	781,135	748,336	570,966	51,357	2,178	0	0	0	0
9	1787	Demos, Advert, & Other Exp	0	0	66,497	196,275	214,702	193,166	299,493	304,438	202,784	217,336	288,165	250,113	245,402	146,471	(108,178)	2,810	372,240	1,191,064	1,064,874	1,658,193	1,334,932
10	1788	Sales & New Bus. Rents - Excludes Jobbing	0	0	20,485	27,802	28,339	26,823	26,481	23,052	21,090	27,598	25,924	42,927	57,465	59,194	0	0	0	0	0	0	0
11	**TOTAL MARKETING EXPENSE**		**0**	**0**	**505,676**	**733,906**	**785,847**	**833,935**	**1,088,668**	**1,049,296**	**854,466**	**965,699**	**975,279**	**1,039,833**	**1,084,002**	**954,001**	**462,788**	**54,167**	**374,418**	**1,191,064**	**1,064,874**	**1,658,193**	**1,334,932**
12	Labour Expense :																						
13	69-5010-9010	Supervision																					
14	69-5010-9020	Meter reading expenses - labor																					
15	69-5010-9030	Customer records and collection expenses - labor																					
16	69-5010-9100	Misc customer service and info exp-Labor																					
17	69-5010-9120	Demonstrating & selling exp (Major only)-Labor																					
18	69-5010-9130	Advertising expenses (Major only)-Labour																					
19	69-5010-9160	Misc sales expenses (Major only)-Labor																					
20	**TOTAL LABOUR EXPENSE**																						
21	69-5250-9010	Customer Care Supervision Expenses																					
22	69-5250-9020	Meter reading expenses																					
23	69-5250-9030	Customer records and collection expenses																					
24	69-5250-9050	Miscellaneous customer accounts expenses																					
25	69-5390-9090	Informational & instructional advertising expenses																					
26	69-5390-9100	Misc customer service & informational expenses																					
27	69-5390-9110	Sales Expense-Supervision																					
28	69-5390-9120	Demonstrating and selling expenses (Major only)																					
29	69-5390-9130	Advertising Expenses																					
30	69-5390-9160	Miscellaneous sales expenses (Major only)																					
31	80-8660-9040	Uncollectible accounts																					
32	**TOTAL OTHER EXPENSE**																						
33	Total Customer Expenses (Excluding Uncollectibles)		0	0	2,864,392	3,442,112	3,565,057	3,740,667	4,032,636	3,935,631	3,677,860	3,695,729	3,390,219	3,377,588	3,319,897	3,042,687	1,318,450	1,114,892	2,340,981	3,171,337	3,204,083	4,130,827	3,990,833

Liberty Utilities (EnergyNorth Natural Gas) Corp. Marginal Cost Study

Customer Expense Data

Line No.	Acct No.	Description	2008	2009	2010	2011	2012	2013	2014	2015	2016	Explanation
	(A)	(B)	(X)	(Y)	(Z)	(AA)	(AB)	(AC)	(AD)	(AE)	(AF)	(AC)
	CUSTOMER EXPENSES											
1	CUSTOMER ACCOUNT											
2	1780	Reading And Collecting	118,894	209,193	322,331	166,622	1,361,354					WP-MFB-Annual Accounting Data, Line 41
3	1781	Customers' Billing And Accounting	2,502,542	3,166,715	3,295,444	5,811,135	8,161,348					WP-MFB-Annual Accounting Data, Line 42
4	1783	Uncollectible Accounts	956,745	3,851,139	-117,268	1,348,241	808,323					WP-MFB-Annual Accounting Data, Line 43
5	1784	Cust Acctg & Coll Rents	0	0	0	0	0					WP-MFB-Annual Accounting Data, Line 44
6	**TOTAL CUSTOMER ACCTS EXP**		**3,578,181**	**7,227,047**	**3,500,507**	**7,325,998**	**10,331,025**					(Σ Line 2 to Line 5)
7	MARKETING SERVICES EXPENSES											
8	1786	Salaries And Commissions	0	0	0	0	0					WP-MFB-Annual Accounting Data, Line 47
9	1787	Demos, Advert, & Other Exp	1,306,196	941,625	1,198,358	1,578,810	125,263					WP-MFB-Annual Accounting Data, Line 48
10	1788	Sales & New Bus. Rents - Excludes Jobbing	0	0	0	0	0					WP-MFB-Annual Accounting Data, Line 49
11	**TOTAL MARKETING EXPENSE**		**1,306,196**	**941,625**	**1,198,358**	**1,578,810**	**125,263**					(Σ Line 8 to Line 10)
12	Labour Expense :											
13	69-5010-9010	Supervision						983,640	675,405	152,109	176,623	Company Data
14	69-5010-9020	Meter reading expenses - labor						213,388	276,128	407,922	350,010	Company Data
15	69-5010-9030	Customer records and collection expenses - labor						318,085	1,439,174	2,198,388	2,339,421	Company Data
16	69-5010-9100	Misc customer service and info exp-Labor						829	59,466	7,513	3,811	Company Data
17	69-5010-9120	Demonstrating & selling exp (Major only)-Labor						159,030	243,985	146,249	110,663	Company Data
18	69-5010-9130	Advertising expenses (Major only)-Labour						0	0	26,421	32,028	Company Data
19	69-5010-9160	Misc sales expenses (Major only)-Labor						0	0	69,668	65,739	Company Data
20	**TOTAL LABOUR EXPENSE**							**1,674,972**	**2,694,159**	**3,008,270**	**3,078,295**	(Σ Line 13 to Line 19)
21	69-5250-9010	Customer Care Supervision Expenses						0	228	0	14,371	Company Data
22	69-5250-9020	Meter reading expenses						1,298,224	63,717	18,100	14,656	Company Data
23	69-5250-9030	Customer records and collection expenses						317,422	1,111,525	2,260,783	1,432,094	Company Data
24	69-5250-9050	Miscellaneous customer accounts expenses						6,193	975,666	38,890	-19,398	Company Data
25	69-5390-9090	Informational & instructional advertising expenses						0	0	46,650	63,715	Company Data
26	69-5390-9100	Misc customer service & informational expenses						89,855	35,590	6,588	-1,473	Company Data
27	69-5390-9110	Sales Expense-Supervision						0	323	0	0	Company Data
28	69-5390-9120	Demonstrating and selling expenses (Major only)						29,762	78,344	74,795	44,813	Company Data
29	69-5390-9130	Advertising Expenses						102,790	77,223	166,671	85,139	Company Data
30	69-5390-9160	Miscellaneous sales expenses (Major only)						0	0	17,139	25,784	Company Data
31	80-8660-9040	Uncollectible accounts						801,634	1,485,212	1,599,292	1,491,362	Company Data
32	**TOTAL OTHER EXPENSE**							**2,645,881**	**3,827,829**	**4,228,909**	**3,151,062**	(Σ Line 21 to Line 31)
33	Total Customer Expenses (Excluding Uncollectibles)		3,927,632	4,317,533	4,816,133	7,556,567	9,647,965	3,519,219	5,036,775	5,637,886	4,737,995	Line 6 + Line 11 - Line 4 + Line 20 + Line 32 - Line 31

Liberty Utilities (EnergyNorth Natural Gas) Corp. MCS Study
Forecasted Design Day

	Yr Forecasted	Prior Yr Estimate of Current Yr DD
	(A)	(B)
		Company Data
1	1989	92,038
2	1990	94,799
3	1991	95,896
4	1992	98,274
5	1993	101,510
6	1994	102,395
7	1995	105,007
8	1996	107,684
9	1997	112,869
10	1998	119,052
11	1999	120,233
12	2000	128,617
13	2001	124,000
14	2002	122,483
15	2003	116,027
16	2004	128,044
17	2005	136,000
18	2006	138,746
19	2007	142,000
20	2008	146,900
21	2009	146,824
22	2010	143,764
23	2011	146,768
24	2012	141,928
25	2013	145,562
26	2014	151,350
27	2015	157,393
28	2016	161,021

Test Year Design Day Demand by Class

R-1	R-3, R-4	G-41	G-42	G-43	G-51	G-52	G-53	G-54
587	70,684	28,529	39,806	10,491	2,868	4,420	5,305	3,995

Liberty Utilities (EnergyNorth Natural Gas) Corp. MCS Study

Line No.			1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
	(A)	(B)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)
1	PLANT BALANCES								647,035	0	0	0	0					
2	1356	Mains	41,637,189	46,738,847	49,495,895	51,743,320	54,299,184	56,239,217	58,619,137	62,326,668	67,701,530	72,847,284	76,920,478	81,138,985	93,264,062	99,340,539	116,503,764	122,919,791
3	1359	Services	23,205,608	25,730,066	28,432,370	30,670,769	33,199,016	35,476,909	37,744,390	40,038,869	42,706,896	46,615,422	49,171,645	54,085,437	57,948,787	61,018,971	66,715,050	72,292,215
4	Total General Plant		5,933,582	6,503,724	6,849,445	7,659,250	7,970,207	8,384,740	8,221,795	8,870,155	9,203,222	9,478,301	11,244,509	7,255,965	8,348,042	11,173,887	11,582,178	10,499,392
5	Total Plant in Service		90,119,098	99,467,339	106,202,255	112,423,806	118,656,821	124,120,097	129,472,654	135,806,318	145,866,429	156,424,246	166,682,099	174,018,261	189,363,169	202,252,941	227,692,187	239,474,276
6	Materials and Supplies (w/o Jobbing)		5,171,473	5,759,164	6,009,797	9,804,208	10,148,000	9,443,673	9,397,268	10,278,497	10,579,101	10,889,994	10,988,064	8,252,716	9,726,073	6,829,583	12,264,678	14,721,037
7	Fuel Inventory (in M&S above)		3,443,323	4,124,553	4,166,243	8,118,686	8,523,369	7,903,225	7,899,072	8,825,292	8,929,160	9,478,909	9,482,607	7,193,792	8,926,722	6,141,037	12,252,987	14,714,963
8	Prepayments		1,901,113	1,176,084	1,135,297	1,196,252	1,286,591	1,062,916	1,155,521	1,097,855	1,087,594	940,831	967,468	635,892	623,862	(349)	800	83,806
9	Fuel Related Prepayments		0	3,990	0	21,226	0	0	0	0	0	0	0	0	0	0	0	0
10	MANUFACTURED GAS PRODUCTION																	
11	OPERATION																	
12	OTHER PROD EXPENSES		40,218	10,481	24,545	25,489	48,281	10,391	13,624	24,731	0	0	0	0	0	0	0	0
13	1701	Superintendence	240,088	269,017	293,892	305,875	357,354	416,438	425,430	463,377	498,217	444,834	401,016	23,505	21,123	29,733	38,957	79,826
14	1707	Other Production Labor	408,524	488,831	384,055	249,186	247,228	304,177	249,806	250,447	238,766	233,724	203,121	37,073	130,638	383,367	391,192	365,385
15	1710	Production Expense	490,626	538,232	520,430	428,478	442,403	477,072	409,488	430,617	448,350	422,306	438,644	8,020	6,869	0	0	0
16	1722	Other Prod Expenses												162,060	269,193	143,857	23,479	32,133
17	TOTAL OPERATION EXPENSE		1,179,456	1,306,561	1,222,922	1,009,028	1,095,266	1,208,078	1,098,348	1,169,172	1,185,333	1,100,864	1,042,781	230,658	427,823	556,957	453,628	477,344
18	MAINTENANCE																	
19		Supervision	0	0	0	0	0	0	0	0								
20	1724	Maint of Structures	66,774	77,415	51,889	81,273	64,576	49,111	69,529	82,861	77,461	91,832	123,514	118,959	0	0	0	0
21	1725	Maint of Power Equip	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	1726	Maint of Generating Equip	114,885	122,257	161,884	162,294	162,720	183,792	219,398	206,918	254,100	288,392	101,868	122,813	147,662	288,384	92,211	113,533
23	1727	Maint of Misc Equip	182,912	246,058	183,795	214,609	243,897	273,557	259,884	263,130	267,165	279,293	323,129	207,008	0	0	0	560
24	TOTAL MAINTENANCE		364,571	445,730	397,568	458,176	471,193	506,460	548,811	552,909	598,726	659,517	548,511	448,780	147,662	288,384	92,211	114,093
25	TOTAL MANUF GAS PROD EXPENSE		1,544,027	1,752,291	1,620,490	1,467,204	1,566,459	1,714,538	1,647,159	1,722,081	1,784,059	1,760,381	1,591,292	679,438	575,485	845,341	545,839	591,437
26	DISTRIBUTION EXPENSE																	
27	OPERATIONS EXPENSE																	
28	1756	Superintendence	876,635	911,187	971,398	1,008,416	1,044,727	1,097,962	1,140,215	1,192,103	1,249,414	1,302,560	1,321,293	1,133,718	351,836	57,284	320,464	312,197
29	1761	Oper of Dist Lines	499,455	506,645	465,317	427,244	425,732	477,794	418,145	419,195	410,571	372,897	335,345	459,144	2,201,098	1,347,852	1,142,383	1,309,514
30	1762.1	Meter Operating Labor And Expense	560,876	526,850	531,909	516,860	472,644	455,773	367,338	312,919	350,967	377,846	520,572	564,951	794,765	617,813	578,786	762,729
31	1762.2	Other Expense On Cust Prem	1,521,593	1,575,073	1,593,768	1,646,356	1,660,222	1,867,950	1,836,058	1,625,448	1,559,297	1,608,343	1,486,528	1,241,404	730,015	509,277	326,395	137,913
32	TOTAL OPERATION EXP		3,458,559	3,519,755	3,562,392	3,598,876	3,603,325	3,899,479	3,761,756	3,549,665	3,570,249	3,661,646	3,663,738	3,399,217	4,077,714	2,532,226	2,368,028	2,522,353
33	MAINTENANCE																	
34	1765	Maintenance of Structures	87,025	99,537	52,538	39,076	25,516	77,843	51,158	37,502	47,161	36,752	0	0	9,504	1,277	18,871	22,753
35	1768	Maintenance of Distribution Lines	1,210,020	1,134,825	1,219,471	1,361,653	1,465,370	1,714,317	1,824,935	1,752,954	1,800,709	1,929,672	1,853,705	1,959,501	998,586	1,377,884	2,543,029	2,338,751
36	1771	Maint of Services	299,570	282,422	308,611	337,191	343,124	319,008	531,891	487,791	491,614	523,597	483,637	315,671	601,828	658,851	672,980	599,662
37	1772	Maintenance of Customer's Meters	154,861	154,842	166,660	205,783	235,959	239,352	164,524	121,875	141,279	124,235	107,248	91,997	106,371	110,542	217,685	234,867
38	TOTAL MAINTENANCE EXP		1,751,476	1,671,626	1,747,280	1,943,703	2,069,969	2,350,520	2,572,508	2,400,122	2,480,763	2,614,256	2,444,590	2,367,169	1,716,289	2,148,554	3,452,565	3,196,033
39	TOTAL TRANSMISSION EXP		5,210,035	5,191,381	5,309,672	5,542,579	5,673,294	6,249,999	6,334,264	5,949,787	6,051,012	6,275,902	6,108,328	5,766,386	5,794,003	4,680,780	5,820,593	5,718,386
40	CUSTOMER ACCOUNT																	
41	1780	Reading And Collecting	841,816	878,837	903,695	972,046	980,779	1,001,654	975,317	992,143	807,366	712,776	723,430	683,342	383,485	372,899	359,496	332,677
42	1781	Customers' Billing And Accounting	1,456,446	1,736,750	1,801,720	1,864,036	1,894,040	1,824,423	1,790,452	1,668,951	1,537,651	1,549,775	1,512,465	1,405,344	472,177	687,826	1,607,067	1,647,596
43	1783	Uncollectible Accounts	986,000	1,140,000	1,092,000	1,100,000	1,152,000	1,250,000	950,000	1,100,000	1,150,000	1,050,000	850,000	1,245,901	1,155,393	1,772,756	1,604,114	1,664,414
44	1784	Cust Acctg & Coll Rents	60,454	92,619	73,795	70,650	69,149	60,258	57,625	68,936	69,923	75,204	0	0	0	0	0	0
45	TOTAL CUSTOMER ACCTS EXP		3,344,716	3,848,206	3,871,210	4,006,732	4,095,968	4,136,335	3,773,394	3,830,030	3,564,940	3,387,755	3,085,895	3,334,587	2,011,055	2,833,481	3,570,677	3,644,687
46	MARKETING SERVICES EXPENSES																	
47	1786	Salaries And Commissions	418,694	509,829	542,806	613,946	762,694	721,806	630,592	720,765	661,190	746,793	781,135	748,336	570,966	51,357	2,178	0
48	1787	Demos, Advert, & Other Exp	66,497	196,275	214,702	193,166	299,493	304,438	202,784	217,336	288,165	250,113	245,402	146,471	(108,178)	2,810	372,240	1,191,064
49	1788	Sales & New Bus. Rents - Excludes Jobbing	20,485	27,802	28,339	26,823	26,481	23,052	21,090	27,598	25,924	42,927	57,465	59,194	0	0	0	0
50	TOTAL MARKETING EXPENSE		505,676	733,906	785,847	833,935	1,088,668	1,049,296	854,466	965,699	975,279	1,039,833	1,084,002	954,001	462,788	54,167	374,418	1,191,064
51	ADMINISTRATIVE & GENERAL EXP (incl. Corporate Allocations)																	
52	1790	Data Processing	1,221,330	1,268,573	1,213,411	1,148,132	1,108,635	1,152,448	1,180,023	1,216,082	1,251,689	1,211,703	1,297,657	939,758	0	0	0	0
53	1791 / 920 + 926	General Office Salaries & Payroll Taxes	1,591,407	1,507,337	1,697,784	1,710,938	1,721,760	1,781,241	1,791,207	1,876,303	1,745,863	1,729,686	2,014,845	2,016,463	153,735	2,832,950	2,785,081	3,138,934
54	1793 / 921	Office Supplies	278,118	315,340	323,298	318,817	349,060	347,560	332,022	353,660	324,191	330,734	348,348	476,545	128,028	2,987,475	2,054,161	1,446,136
55	1794	Super. Fees & Spec Servs	683,729	629,173	702,387	769,761	718,935	839,542	670,272	625,714	558,649	567,459	580,687	523,092	259,214	169,183	499,375	930,684
56	1797 / 928	Regulatory Exp	24,430	111,342	101,766	78,877	130,058	46,822	38,180	99,269	93,331	22,670	26,354	24,266	290,765	276,670	332,004	332,004
57	1798 / 924	Property Ins	923,310	927,329	919,552	944,964	910,245	936,439	807,797	899,988	896,372	875,967	878,375	1,017,636	709,988	850,716	75,865	69,442
58	1799 / 925	Injury & Damages	1,803	953	0	0	0	0	0	0	0	0	0	116,869	389,048	1,086	25,580	108,423
59	1800 / 920 + 926	Employee Welfare & Relief	203,570	188,696	253,807	136,711	145,458	87,700	131,950	126,335	123,090	131,238	124,465	668,196	1,665,715	1,792,716	1,734,487	2,722,240
60	1801	Misc Gen Exp	635,012	542,610	617,446	662,680	657,151	654,017	577,760	640,250	684,367	767,033	828,965	852,389	8,054,082	(38,334)	45,411	180,962
61	1802 / 932	Gen Plt Maint	56,489	58,952	69,539	85,434	85,756	91,728	88,022	91,404	94,033	67,825	264,594	298,187	0	0	0	0
62	1807	Duplicate Misc Charges	0	0	0	0	0	0	0	0	0	0	0	0	0	(3,089,473)	(3,080,922)	(3,039,944)
63	1803 / 931	Rents	360,011	331,631	336,945	326,547	319,938	267,824	266,573	315,189	338,457	344,628	454,772	868,951	0	0	5,893	0
64	Taxes other than Income (FICA and FUTA) (property taxes excluded)		1,295,017	1,464,186	1,454,198	1,560,416	1,610,506	1,600,652	942,578	870,003	855,403	882,557	992,232	N/A	438,190	249,220	313,602	225,922
65	CUSTOMERS		58,809	60,216	60,958	61,725	62,566	64,044	65,385	66,464	67,928	69,588	71,291	73,106	74,959	74,721	78,438	80,221

Liberty Utilities (EnergyNorth Natural Gas) Corp. MCS Study

Line No.			2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
	(A)	(B)	(U)	(V)	(W)	(X)	(Y)	(Z)	(AA)	(AB)	(AC)	(AD)	(AE)	(AF)
1	PLANT BALANCES													
2	1356	Mains	125,879,287	136,231,864	144,768,223	154,426,368	163,158,198	168,151,626	171,872,739	176,506,569	188,406,611	195,911,540	208,516,455	216,577,069
3	1359	Services	73,756,127	80,850,399	87,209,710	91,485,682	99,438,261	103,124,601	109,219,601	111,947,171	118,100,974	123,954,772	134,933,509	143,518,867
4	Total General Plant		10,220,042	11,333,343	12,089,175	15,097,758	16,049,203	16,060,707	16,195,189	8,811,783	9,473,843	10,590,671	18,670,190	23,326,152
5	Total Plant in Service		242,115,491	263,405,595	280,967,870	298,931,548	318,900,861	328,222,369	338,986,146	339,610,905	360,914,157	379,562,429	426,165,148	453,429,242
6	Materials and Supplies (w/o Jobbing)		18,472,896	20,753,378	17,891,289	21,471,774	16,117,703	13,116,043	12,149,941	11,267,339	9,965,220	9,644,871	7,938,290	6,952,136
7	Fuel Inventory (in M&S above)		18,472,896	20,753,378	17,891,289	21,471,774	16,117,291	13,116,043	12,149,941	10,672,437	8,751,132	8,031,774	4,847,513	3,843,529
8	Prepayments		464,721	570,708	556,729	338,049	356,483	46,167	2,715,050	2,884,563	1,655,986	3,117,732	3,041,771	3,752,488
9	Fuel Related Prepayments		0	0	0	0	0	0	0	0	0	0	0	0
10	MANUFACTURED GAS PRODUCTION													
11	OPERATION													
12	OTHER PROD EXPENSES		0	0	0	0								
13	1701	Superintendence	80,950	84,791	88,451	92,587	95,307	10,394	7,137	324,649				
14	1707	Other Production Labor	480,704	387,421	396,485	399,022	329,499	319,682	319,080	159,540				
15	1710	Production Expense	0	0	0	0								
16	1722	Other Prod Expenses	27,638	20,795	16,527	22,358	16,523	17,861	9,813	5,789				
17	TOTAL OPERATION EXPENSE		589,292	493,007	501,463	513,967	441,329	347,937	336,030	489,978				
18	MAINTENANCE													
19		Supervision												
20	1724	Maint of Structures	0	0	0	0								
21	1725	Maint of Power Equip	0	0	0	0								
22	1726	Maint of Generating Equip	110,073	275,384	256,167	298,222	251,856	244,262	136,016	(559,199)				
23	1727	Maint of Misc Equip	0	0	0	0								
24	TOTAL MAINTENANCE		110,073	275,384	256,167	298,222	251,856	244,262	136,016	(559,199)				
25	TOTAL MANUF GAS PROD EXPENSE		699,365	768,391	757,630	812,189	693,185	592,199	472,046	(69,221)				
26	DISTRIBUTION EXPENSE													
27	OPERATIONS EXPENSE													
28	1756	Superintendence	194,191	562,811	579,859	589,212	575,083	500,118	415,971	502,529				
29	1761	Oper of Dist Lines	994,006	744,596	777,989	1,056,016	1,902,345	2,278,284	2,312,143	2,333,460				
30	1762.1	Meter Operating Labor And Expense	1,054,884	1,009,092	1,180,415	1,314,235	1,160,639	1,380,056	1,317,272	1,039,221				
31	1762.2	Other Expense On Cust Prem	28,052	108,592	98,155	81,652	113,282	158,307	9,632	48,015				
32	TOTAL OPERATION EXP		2,271,133	2,425,091	2,636,418	3,041,115	3,751,349	4,316,765	4,055,018	3,923,225				
33	MAINTENANCE													
34	1765	Maintenance of Structures	25,340	21,010	19,842	24,632	82,201	258,021	198,416	104,368				
35	1768	Maintenance of Distribution Lines	2,910,168	3,268,164	3,316,526	3,412,046	3,295,821	3,374,029	3,135,079	1,491,303				
36	1771	Maint of Services	942,821	978,716	1,117,239	1,223,678	1,417,881	1,636,346	1,393,540	820,761				
37	1772	Maintenance of Customer's Meters	147,822	150,171	152,318	175,277	163,262	176,179	232,596	147,367				
38	TOTAL MAINTENANCE EXP		4,026,151	4,418,061	4,605,925	4,835,633	4,959,165	5,444,575	4,959,631	2,563,799				
39	TOTAL TRANSMISSION EXP		6,297,284	6,843,152	7,242,343	7,876,748	8,710,514	9,761,340	9,014,649	6,487,024				
40	CUSTOMER ACCOUNT													
41	1780	Reading And Collecting	287,552	220,540	243,534	118,894	209,193	322,331	166,622	1,361,354				
42	1781	Customers' Billing And Accounting	1,851,657	2,252,094	2,412,367	2,502,542	3,166,715	3,295,444	5,811,135	8,161,348				
43	1783	Uncollectible Accounts	5,226,989	2,509,388	3,762,926	956,745	3,851,139	(117,268)	1,348,241	808,323				
44	1784	Cust Acctg & Coll Rents	0	0	0	0								
45	TOTAL CUSTOMER ACCTS EXP		7,366,198	4,982,022	6,418,827	3,578,181	7,227,047	3,500,507	7,325,998	10,331,025				
46	MARKETING SERVICES EXPENSES													
47	1786	Salaries And Commissions	0	0	0	0								
48	1787	Demos, Advert, & Other Exp	1,064,874	1,658,193	1,334,932	1,306,196	941,625	1,198,358	1,578,810	125,263				
49	1788	Sales & New Bus. Rents - Excludes Jobbing	0	0	0	0								
50	TOTAL MARKETING EXPENSE		1,064,874	1,658,193	1,334,932	1,306,196	941,625	1,198,358	1,578,810	125,263				
51	ADMINISTRATIVE & GENERAL EXP (incl. Corporate Allocatio													
52	1790	Data Processing	0	0	0	0								
53	1791 / 920 + 926	General Office Salaries & Payroll Taxes	2,858,060	3,704,184	3,780,121	3,217,166	3,368,987	3,549,058	3,611,875	3,987,488				
54	1793 / 921	Office Supplies	1,317,507	1,285,586	1,258,535	1,907,292	2,137,889	1,902,353	1,981,458	1,979,723				
55	1794	Super. Fees & Spec Servs	653,279	560,762	680,692	1,113,799	537,870	1,634,211	398,577	4,096,557				
56	1797 / 928	Regulatory Exp	608,709	622,287	636,069	649,180	745,828	1,210,016	386,766	664,595	764,078	608,728	771,511	634,272
57	1798 / 924	Property Ins	77,906	74,278	69,827	80,621	15,836	8,981	2,181	25,123	161,368	88,754	54,981	38,113
58	1799 / 925	Injury & Damages	131,959	120,049	172,173	132,330	133,305	656,433	34,882	2,091,312				
59	1800 / 920 + 926	Employee Welfare & Relief	2,414,329	2,324,499	1,874,415	2,757,364	3,181,825	2,367,702	1,909,111	3,313,700				
60	1801	Misc Gen Exp	(160,685)	68,997	50,986	431,254	259,971	244,478	251,741	356,021				
61	1802 / 932	Gen Plt Maint	0	0	0	0	0				0	205,270	165,283	133,881
62	1807	Duplicate Misc Charges	(3,111,361)	(2,809,807)	(2,229,039)	(2,213,394)	(2,077,806)	(1,774,761)	(2,064,631)	(1,328,643)				
63	1803 / 931	Rents	0	0	0	4,722	(4,722)	0	0	0	145,785	229,290	143,736	44,158
64	Taxes other than Income (FICA and FUTA) (property taxes excluded)		115,583	210,517	241,783	320,994	455,032	493,032	545,760	405,064	880,133	1,423,932	1,701,884	1,594,187
65	CUSTOMERS		81,735	82,474	83,637	83,943	84,346	84,420	85,286	85,862	86,972	87,754	90,335	90,867

	Plastic mains	Steel Mains	Total	% Plastic Mains $	% Steel Mains $	
1988	$303,658	$2,734,194	$3,037,853	10.00%	90.00%	100.00%
1989	$218,316	$3,105,496	$3,323,812	6.57%	93.43%	100.00%
1990	$1,058,411	$3,257,593	$4,316,004	24.52%	75.48%	100.00%
1991	$1,876,103	$401,498	$2,277,601	82.37%	17.63%	100.00%
1992	$1,646,758	$311,755	$1,958,513	84.08%	15.92%	100.00%
1993	$1,789,556	$202,983	$1,992,539	89.81%	10.19%	100.00%
1994	$1,420,819	$331,660	$1,752,478	81.07%	18.93%	100.00%
1995	$1,638,053	$727,962	$2,366,015	69.23%	30.77%	100.00%
1996	$2,114,527	$476,735	$2,591,262	81.60%	18.40%	100.00%
1997	$4,622,254	$848,789	$5,471,043	84.49%	15.51%	100.00%
1998	$3,518,565	$1,168,161	$4,686,726	75.08%	24.92%	100.00%
1999	$3,474,508	$534,654	$4,009,162	86.66%	13.34%	100.00%
2000	$4,885,733	$647,986	$5,533,720	88.29%	11.71%	100.00%
2001	$6,371,896	$8,869,020	$15,240,916	41.81%	58.19%	100.00%
2002	$8,978,632	$1,808,154	$10,786,786	83.24%	16.76%	100.00%
2003	$8,779,790	$2,057,124	$10,836,914	81.02%	18.98%	100.00%
2004	$6,731,171	$1,300,130	$8,031,301	83.81%	16.19%	100.00%
2005	$4,551,688	$729,085	$5,280,773	86.19%	13.81%	100.00%
2006	$5,262,564	$2,161,693	$7,424,257	70.88%	29.12%	100.00%
2007	$5,052,176	$1,244,680	$6,296,857	80.23%	19.77%	100.00%
2008	$6,450,887	$4,924,891	$11,375,778	56.71%	43.29%	100.00%
2009	$5,138,404	$1,554,981	$6,693,385	76.77%	23.23%	100.00%
2010	$4,738,101	$1,419,938	$6,158,039	76.94%	23.06%	100.00%
2011	$4,033,990	$381,302	$4,415,292	91.36%	8.64%	100.00%
2012				93.82%	6.18%	100.00%
2013				92.61%	7.39%	100.00%
2014	$ 13,573,689	$ 860,678	$14,434,367	94.04%	5.96%	100.00%
2015	$ 9,593,212	$ 389,478	$9,982,691	96.10%	3.90%	100.00%
2016	$ 2,743,898	$ 437,315	$3,181,213	86.25%	13.75%	100.00%

	Plastic services	Steel services	Total	% Plastic Services $	% Steel Services $	
1988	$2,092,703	$365,015	$2,457,718	85.15%	14.85%	100.00%
1989	$2,243,315	$360,411	$2,603,726	86.16%	13.84%	100.00%
1990	$2,176,196	$170,700	$2,346,896	92.73%	7.27%	100.00%
1991	$2,262,455	$194,718	$2,457,173	92.08%	7.92%	100.00%
1992	$2,051,678	$115,856	$2,167,534	94.65%	5.35%	100.00%
1993	$2,198,343	$250,648	$2,448,992	89.77%	10.23%	100.00%
1994	$2,137,041	$58,261	$2,195,302	97.35%	2.65%	100.00%
1995	$2,261,973	$68,899	$2,330,872	97.04%	2.96%	100.00%
1996	$2,175,793	$88,526	$2,264,319	96.09%	3.91%	100.00%
1997	$2,787,491	$69,007	$2,856,498	97.58%	2.42%	100.00%
1998	$3,716,975	$102,990	$3,819,964	97.30%	2.70%	100.00%
1999	$2,582,982	$53,737	$2,636,719	97.96%	2.04%	100.00%
2000	$6,470,227	$144,124	$6,614,351	97.82%	2.18%	100.00%
2001	$4,181,472	$136,604	$4,318,076	96.84%	3.16%	100.00%
2002	$3,063,049	$149,232	$3,212,281	95.35%	4.65%	100.00%
2003	$4,266,967	$276,119	$4,543,086	93.92%	6.08%	100.00%
2004	$4,806,358	$420,043	$5,226,400	91.96%	8.04%	100.00%
2005	$1,958,573	$259,432	$2,218,004	88.30%	11.70%	100.00%
2006	$7,983,445	$1,521,039	$9,504,484	84.00%	16.00%	100.00%
2007	$1,512,180	$3,655	$1,515,836	99.76%	0.24%	100.00%
2008	$3,367,930	$65,266	$3,433,196	98.10%	1.90%	100.00%
2009	$7,160,467	$752,086	$7,912,553	90.50%	9.50%	100.00%
2010	$3,644,377	$496,089	$4,140,466	88.02%	11.98%	100.00%
2011	$3,941,471	$393,470	$4,334,942	90.92%	9.08%	100.00%
2012				88.56%	11.44%	100.00%
2013				89.17%	10.83%	100.00%
2014	$10,445,258	$58,388	$10,503,646	99.44%	0.56%	100.00%
2015	$7,973,419	$38,315	$8,011,735	99.52%	0.48%	100.00%
2016	$4,178,184	$10,958	$4,189,142	99.74%	0.26%	100.00%

Source: Handy Whitman - G1 - July 1, 2016 Release

																Jan.1	Jul.1	Jan.1	Jul.1	Jan.1	Jul.1	Jan.1	Jul.1	Jan.1	Jul.1	Jan.1	Jul.1	Jan.1	Jul.1	Jan.1	Jul.1
lookup																2001	2001	2002	2002	2003	2003	2004	2004	2005	2005	2006	2006	2007	2007	2008	2008
			F	1	1	1	1	1	1	1	1	1	1	1	1	2															
			E	9	9	9	9	9	9	9	9	9	9	9	9	0	Jan.	Jul.	Jan.	Jul.	Jan.	Jul.	Jan.	Jul.	Jan.	Jul.	Jan.	Jul.	Jan.	Jul.	Jan.	Jul.
			R	8	8	9	9	9	9	9	9	9	9	9	9	0	12001	12001	12002	12002	12003	12003	12004	12004	12005	12005	12006	12006	12007	12007	12008	12008
1	Line		C	8	9	0	1	2	3	4	5	6	7	8	9	0																
2	1	Distribution Plant																														
3	2	Structures & Improvements	375	247.5	256	263	266	272.5	284	298.5	306	312.75	322	328.25	335.25	345.75	350	359	365	373	375	375	398	401	418	422	431	436	451	469	490	504
4	3	Mains, Cast Iron	376	265.75	281.75	283.5	285.75	289.5	296.5	305.5	299.25	303	313.25	317	322	330	333	339	344	361	363	361	373	365	400	401	430	435	474	477	506	541
5	4	Mains, Steel	376	265.25	282.75	290	299.25	307.5	317.25	337	345.75	349.25	359.5	366.25	377	396	400	405	408	411	414	414	463	482	595	590	624	635	607	611	630	729
6	5	Mains, Plastic	376	261.25	280	288.75	297	301.75	310	315.5	322	329.5	337	343.75	350.5	358	364	367	369	376	376	379	389	394	411	421	433	440	460	465	480	486
7	6	Compressor Station Equipment	377	295.5	314.75	325	339.75	354.5	365	371.25	382.5	388	395	402	405.5	413	418	420	426	431	431	431	443	456	478	514	502	510	523	535	552	584
8	7	Meas. & Reg. Sta. Equipment	378	273.75	289	290.25	295.75	309.25	320.5	332	341.5	350.5	359.75	366.75	373.75	387	390	394	401	405	396	397	428	460	520	519	539	549	551	546	570	627
9	8	Meas. & Reg. Sta. Equipment-City Gt.	379	273.5	288.25	290	295.25	308.25	319	331	339.75	348.25	357.5	364	371	384.25	387	391	398	401	392	393	425	457	522	521	541	551	550	545	568	630
10	9	Services, Steel	380	257.75	272	280.75	292.5	303	312.25	326	331.25	338.5	348	356.75	366	381	385	391	394	400	401	402	428	437	487	488	506	512	518	521	543	583
11	10	Services, Plastic	380	252.5	268	277.25	289.25	299.25	309	317	323	331.25	340.25	349.25	359	371	378	385	389	397	397	398	417	420	436	440	455	458	481	483	511	514
12	11	Meters	381	170.25	176.75	185	190.25	191.5	190.5	188.5	190	191.75	195.5	196	190.75	201.75	202	210	215	197	197	197	180	183	185	184	188	197	205	231	241	250
13	12	Meter Installations	382	267	286.5	292	301	309.25	319.25	341	352.75	354.25	364.25	370.5	382.25	403	409	413	417	420	422	423	485	508	646	638	681	694	649	653	674	794
14	13	House Regulators	383	246.75	253	268.75	282.75	294	297.25	303.25	302.25	303.25	302.75	306.75	305.5	305.25	301	313	320	318	318	321	311	322	336	339	344	356	377	377	387	392
15	14	House Regulators Installations	384	265.25	284.25	290	299.25	308.25	318.5	338.75	350.25	352.5	362.5	369.5	381.5	401	407	412	417	420	422	422	482	503	630	622	664	675	636	640	662	771

Source: Handy Whitman - G1 - July 1, 2016 Release

				Jan.1 2009	Jul.1 2009	Jan.1 2010	Jul.1 2010	Jan.1 2011	Jul.1 2011	Jan.1 2012	Jul.1 2012	Jan.1 2013	Jul.1 2013	Jan.1 2014	Jul.1 2014	Jan.1 2015	Jul.1 2015	Jan.1 2016	Jul.1 2016
lookup			FERC	Jan. 12009	Jul. 12009	Jan. 12010	Jul. 12010	Jan. 12011	Jul. 12011	Jan. 12012	Jul. 12012	Jan. 12013	Jul. 12013	Jan. 12014	Jul.12014	Jan.12015	Jul.12015	Jan.12016	Jul.12016
1	Line		CONSTRUCTION AND EQUIPMENT																
2	1		Distribution Plant																
3	2		Structures & Improvements	375	504	493	509	516	527	530	538	539	543	542	555	558	568	562	568	572
4	3		Mains, Cast Iron	376	598	600	629	629	625	626	658	724	737	745	800	830	805	806	810	816
5	4		Mains, Steel	376	713	683	687	713	760	776	862	856	852	843	847	852	854	836	810	820
6	5		Mains, Plastic	376	514	516	502	502	513	519	536	543	542	545	546	550	556	558	563	566
7	6		Compressor Station Equipment	377	595	590	594	606	616	635	648	656	660	662	671	681	686	691	694	699
8	7		Meas. & Reg. Sta. Equipment	378	627	601	600	596	674	686	735	737	717	713	739	741	746	736	728	740
9	8		Meas. & Reg. Sta. Equipment-City Gt.	379	627	600	598	597	672	685	738	739	720	715	739	741	745	734	724	736
10	9		Services, Steel	380	596	585	596	605	632	640	681	681	681	678	687	691	702	696	693	698
11	10		Services, Plastic	380	544	545	551	550	570	573	589	592	594	595	608	610	623	624	634	636
12	11		Meters	381	261	252	257	252	252	256	261	271	271	272	341	342	372	372	388	388
13	12		Meter Installations	382	765	728	730	762	821	838	942	933	929	917	922	927	924	901	867	879
14	13		House Regulators	383	412	400	406	414	425	430	432	438	443	443	454	454	469	469	481	481
15	14		House Regulators Installations	384	747	713	717	745	802	818	913	905	902	891	899	903	901	881	852	862

Liberty Utilities℠

Functional Cost of Service Study
Energy North Natural Gas

Change Model Input & Assumptions	
View Inputs	Run
View Classifiers	Error Check
View External Allocators	Print Reports
View Internal Allocators	Print Inputs
View Factors	Print All

Prepared by:

CONCENTRIC ENERGY ADVISORS

Global Inputs

Model Alternatives

1	Test Yr with K&N
2	
3	
4	

Choice 1

Rate Classes

Rate Class	Description
Delivery Costs	Delivery Costs
Direct Gas Costs	Direct Gas Costs
Production Costs	LPG & LNG
Misc. Costs	Misc
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Classifers

Name	Description
DEM	Demand
CUS	Customer
COM	Commodity
~	~
~	~
~	~

Functions

Name	Description
F_DISTR	Distribution
F_GASPL	Gas Supply
F_PRODU	Production
F_MISCI	Miscellaneous Indr.
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Unit Costs

	Factor Name
Demand	
Customer	
Commodity	

Rate of Return

	Percent
Short Term Debt	
Long Term Debt	2.21%
~	
Return on Debt	2.21%
Equity	5.15%
Rate of Return	7.36%

Income Tax

State Income Tax	8.20%
Federal Income Tax	34.00%
Effective Tax Rate	39.41%
Gross Up Factor	0.6504

CURRENT TARIFFS & DESCRIPTIONS

Delivery Costs	Delivery Costs
Direct Gas Costs	Direct Gas Costs
Production Costs	LPG & LNG
Misc. Costs	Misc
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Factor Name

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PROPOSED TARIFFS & D

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Factor Name

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DESCRIPTIONS

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Name	Description	Total	DEM	CUS	COM
DEM	Demand	100.00%	100.00%		
CUS	Customer	100.00%		100.00%	
COM	Commodity	100.00%			100.00%

Name	Description		Total	Delivery Costs	Direct Gas Costs	Production Costs	Misc. Costs
DEMAND ALLOCATORS							
LPG_LNG	Production	DEM		0.00%	0.00%	100.00%	0.00%
	Test Yr with K&N		1			1	
DIST	Distribution	DEM		100.00%	0.00%	0.00%	0.00%
	Test Yr with K&N		1	1			
DPROD	Delivery & Production	DEM		8.70%	0.00%	91.30%	0.00%
	Test Yr with K&N		1	0.087		0.913	
DPROD_K	Keene Production	DEM		100.00%	0.00%	0.00%	0.00%
	Test Yr with K&N		1	1			
CUSTOMER ALLOCATORS							
CUST	Distribution Customer	CUS		100.00%	0.00%	0.00%	0.00%
	Test Yr with K&N		1	1			
COMMODITY ALLOCATORS							
PROPANE	Propane Commodity	COM		0.00%	0.00%	100.00%	0.00%
	Test Yr with K&N		1			1	
LNG	LNG Commodity	COM		0.00%	0.00%	100.00%	0.00%
	Test Yr with K&N		1			1	
GASCOST	Allocated Gas Costs	COM		0.00%	100.00%	0.00%	0.00%
	Test Yr with K&N		1		1		
GASSPLY	Gas Supply	COM		0.00%	0.00%	0.00%	100.00%
	Test Yr with K&N		1				1
CUR_REV	Revenues at Current Rates	COM		100.00%	0.00%	0.00%	0.00%
	Test Yr with K&N		70,681,266	70,681,266	-	-	-
PROP_REV	Proposed Revenues	COM		98.51%	0.00%	0.98%	0.51%
	Test Yr with K&N		85,311,887	84,038,599		840,021	433,267
PREV_DEL	Proposed Revenues Delivery	COM		100.00%	0.00%	0.00%	0.00%
	Test Yr with K&N		1	1			
PREV_PROD	Proposed Production Revenue	COM		0.00%	0.00%	65.97%	34.03%
	Test Yr with K&N		1,273,288			840,021	433,267
INDIRECT	Settlement Indirect Expenses	COM		0.00%	0.00%	99.34%	0.66%
	Test Yr with K&N		(1,993,598)			(1,980,428)	(13,170)
REG_COMM	Production Regulatory Comm. Exp	COM		0.00%	0.00%	0.00%	100.00%
	Test Yr with K&N		1				1
OTH_REV	Other Revenue	COM		100.00%	0.00%	0.00%	0.00%
	Test Yr with K&N		1	1			

Class Cost of Service Study
Internal Allocation Factors

Name	Description	Line Ref. Total	4 F_PRODU_DPROD
PLANT	Total Plant in Service	480,183,923	16,050,497
			3.34%
OMEXPX	TOI and O&M Exp. excl. gas costs & uncollectible	39,962,714	2,011,241
			5.03%
PRODOEXP	Production Operations Expenses	681,172	704,873
			103.48%
PRODMNTX	Production Maintenance Expenses	72,133	72,133
			100.00%
DISTOPX	Distribution Operations Expense	8,187,092	-
			0.00%
DISTMNX	Distribution Maintenance Expense	2,855,141	-
			0.00%
CACCTX	Customer Accounting Expenses	4,290,715	-
			0.00%
LABOR	Labor expense excluding A&G	11,426,760	509,977
			4.46%
GENPLT	General Plant	30,610,544	1,366,151
			4.46%
AGxTRANSFER	A&G Expenses excluding transfer	20,565,043	837,558
			4.07%
AGEXP	Total A&G Expense	12,557,120	521,925
			4.16%
DISTRPLT	Distribution Plant	420,465,832	-
			0.00%
RTBASE	Rate Base	252,028,683	3,768,241
			1.50%
PDGPLT	Production, Distribution & General Plant	465,438,034	15,392,388
			3.31%

Class Cost of Service Study
Internal Allocation Factors

5 F_PRODU_DPROD_K	6 F_DISTR_DIST	7 F_DISTR_CUST	8 F_PRODU_INDIR	9 F_GASPL_GASCOS	10 F_GASPL_GASS
298,248	259,604,697	204,230,480	-	-	-
0.06%	54.06%	42.53%	0.00%	0.00%	0.00%
(28,987)	20,934,706	18,175,679	(1,992,581)	-	-
-0.07%	52.39%	45.48%	-4.99%	0.00%	0.00%
(23,701)	-	-	-	-	-
-3.48%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	6,328,148	1,858,945	-	-	-
0.00%	77.29%	22.71%	0.00%	0.00%	0.00%
-	1,866,857	988,284	-	-	-
0.00%	65.39%	34.61%	0.00%	0.00%	0.00%
-	-	4,290,715	-	-	-
0.00%	0.00%	100.00%	0.00%	0.00%	0.00%
(9,365)	5,490,403	5,435,745	-	-	-
-0.08%	48.05%	47.57%	0.00%	0.00%	0.00%
(25,087)	14,707,951	14,561,530	-	-	-
-0.08%	48.05%	47.57%	0.00%	0.00%	0.00%
(15,381)	9,017,130	8,927,363	-	-	-
-0.07%	43.85%	43.41%	0.00%	0.00%	0.00%
(9,584)	5,619,032	5,563,093	-	-	-
-0.08%	44.75%	44.30%	0.00%	0.00%	0.00%
-	237,811,547	182,654,285	-	-	-
0.00%	56.56%	43.44%	0.00%	0.00%	0.00%
69,755	159,453,652	88,814,107	(135,914)	-	-
0.03%	63.27%	35.24%	-0.05%	0.00%	0.00%
310,333	252,519,498	197,215,815	-	-	-
0.07%	54.25%	42.37%	0.00%	0.00%	0.00%

Class Cost of Service Study
Internal Allocation Factors

11 F_DISTR_PREV_D	12 F_MISCI_PREV_PRO	13 F_MISCI_GASSPLY	14 F_PRODU_REG_C	15 F_DISTR_CUR_REV	16 F_PRODU_PREV_	17 F_DISTR_OTH_R
-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
433,020	-	423,074	6,561	-	-	-
1.08%	0.00%	1.06%	0.02%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
694,888	-	1,092,957	10,528	-	-	-
3.38%	0.00%	5.31%	0.05%	0.00%	0.00%	0.00%
433,020	-	423,074	6,561	-	-	-
3.45%	0.00%	3.37%	0.05%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
29,536	-	28,858	448	-	-	-
0.01%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Class Cost of Service Study
Internal Allocation Factors

18	19	20	21	22	23
~	~	~	~	~	~
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Class Cost of Service Study
Internal Allocation Factors

24	25	26	27	28	29
~	~	~	~	~	~
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Class Cost of Service Study
Internal Allocation Factors

30	31	32	33	34	35	36	37
~	~	~	~	~	~	~	~
-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Class Cost of Service Study
Internal Allocation Factors

38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Class Cost of Service Study
Account Inputs

Acct. No.	Account Description		Test Yr with K&N	Function	Classifier	DEM	CUS	COM	Internal
RATE BASE									
Plant in Service									
	Intangible Plant								
303	Misc. Intangible Plant	14,745,889	14,745,889						LABOR
	Sub-total	***14,745,889***	***14,745,889***						
	Production Plant								
	Production Plant EN	14,026,237	14,026,237	F_PRODU	DEM	DPROD			
	Production Plant Keene	335,421	335,421	F_PRODU	DEM	DPROD_K			
	Sub-total	***14,361,658***	***14,361,658***						
	Distribution Plant								
365.0	Land & Land Rights	197,931	197,931	F_DISTR	DEM	DIST			
366.0	M&R Stations	623,659	623,659	F_DISTR	DEM	DIST			
367.0	Mains	231,079,452	231,079,452	F_DISTR	DEM	DIST			
369.0	Compressor Station Equipment	4,924,228	4,924,228	F_DISTR	DEM	DIST			
380.0	Services	147,512,755	147,512,755	F_DISTR	CUS		CUST		
381.0	Meters & Meter Installations	20,781,525	20,781,525	F_DISTR	CUS		CUST		
382.0	Meters Installations	14,360,005	14,360,005	F_DISTR	CUS		CUST		
387.0	Other Equipment	986,277	986,277	F_DISTR	DEM	DIST			
	Sub-total	***420,465,832***	***420,465,832***						
	General Plant								
389.0	Land & Land Rights	16,806	16,806						LABOR
390.0	Structures & Improvements	22,126,395	22,126,395						LABOR
391.0	Office Furniture & Equipment	2,911,316	2,911,316						LABOR
392.0	Transportation Equipment	2,750,151	2,750,151						LABOR
393.0	Stores Equipment	99,421	99,421						LABOR
394.0	Tools, Shop & Garage Equip.	1,148,344	1,148,344						LABOR
395.0	Laboratory Equip.	-	-						LABOR
396.0	Power Operated Equip.	726,968	726,968						LABOR
397.0	Communication Equip.	477,578	477,578						LABOR
398.0	Miscellaneous Equip.	353,566	353,566						LABOR
	Sub-total	***30,610,544***	***30,610,544***						
	TOTAL PLANT-IN-SERVICE	**480,183,923**	**480,183,923**						
Accumulated Reserve for Depreciation									
	Intangible Plant								
303	Misc. Intangible Plant	(4,975,703)	(4,975,703)						LABOR
	Sub-total	***(4,975,703)***	***(4,975,703)***						
	Production Plant								
	Production Plant	(9,579,080)	(9,579,080)	F_PRODU	DEM	DPROD			
	Production Plant Keene	(188,851)	(188,851)	F_PRODU	DEM	DPROD_K			
	Sub-total	***(9,767,932)***	***(9,767,932)***						
	Distribution Plant								
365.0	Land & Land Rights	-							
366.0	M&R Stations	(455,849)	(455,849)	F_DISTR	DEM	DIST			
367.0	Mains	(55,119,021)	(55,119,021)	F_DISTR	DEM	DIST			
369.0	Compressor Station Equipment	(1,898,257)	(1,898,257)	F_DISTR	DEM	DIST			
380.0	Services	(66,914,257)	(66,914,257)	F_DISTR	CUS		CUST		
381.0	Meters	(10,159,323)	(10,159,323)	F_DISTR	CUS		CUST		
382.0	Meter Installations	(2,510,354)	(2,510,354)	F_DISTR	CUS		CUST		
387.0	Other Equipment	(377,799)	(377,799)	F_DISTR	DEM	DIST			
	General Plant								
389.0	Land & Land Rights	-	-						
390.0	Structures & Improvements	(3,369,744)	(3,369,744)						LABOR
391.0	Office Furniture & Equipment	(510,622)	(510,622)						LABOR
392.0	Transportation Equipment	(807,510)	(807,510)						LABOR
393.0	Stores Equipment	(28,007)	(28,007)						LABOR
394.0	Tools, Shop & Garage Equip.	(641,731)	(641,731)						LABOR
395.0	Laboratory Equip.	-	-						LABOR
396.0	Power Operated Equip.	(665,676)	(665,676)						LABOR
397.0	Communication Equip.	(240,750)	(240,750)						LABOR
398.0	Miscellaneous Equip.	(156,784)	(156,784)						LABOR
	Other	(133,284)	(133,284)						PLANT
	Sub-total	***(6,554,108)***	***(6,554,108)***						
	TOTAL DEPRECIATION ACCRUAL	**(158,732,601)**	**(158,732,601)**						
	NET PLANT	**321,451,321**	**321,451,321**						
Rate Base Adjustments									
	Additions								
152	Gas Materials and Supplies	6,948,817	6,948,817						PDGPLT
	Cash Working Capital (Other)	2,725,860	2,725,860						OMEXPX
	Prepayments	2,733,433	2,733,433						PDGPLT
	Sub-total	***12,408,110***	***12,408,110***						
	Deductions								
	Customer Deposits	(1,775,750)	(1,775,750)	F_DISTR	CUS		CUST		
	Accum. Deferred Income Taxes	(80,054,998)	(80,054,998)						PDGPLT
	Sub-total	***(81,830,748)***	***(81,830,748)***						
	TOTAL RATE BASE ADJ.	**(69,422,638)**	**(69,422,638)**						
TOTAL RATE BASE		**252,028,683**	**252,028,683**						

Class Cost of Service Study
Account Inputs

Class Cost of Service Study
Account Inputs

EXPENSES

O & M Expenses

	Production (LPG LNG) - Operation								
710	Supervision	333,238	333,238	F_PRODU	DEM	DPROD			
717	LPG - Production	263,598	263,598	F_PRODU	DEM	DPROD			
728	LPG - Materials	46,178	46,178	F_PRODU	DEM	DPROD			
733	Gas Mixing & Misc Exp - Keene	(23,701)	(23,701)	F_PRODU	DEM	DPROD_K			
735	Misc. Prod. Exp.	388,258	388,258	F_PRODU	DEM	DPROD			
841.0	Operation Labor & Expenses	2,543	2,543	F_PRODU	DEM	DPROD			
846.0	Other	4,296	4,296	F_PRODU	DEM	DPROD			
	Indirect Expenses	(1,992,581)	(1,992,581)	F_PRODU	COM			INDIRECT	
	Sub-total	***(978,172)***	***(978,172)***						
	Production (LPG LNG) - Maintenance								
742	Maint. of Prod. Equip	72,133	72,133	F_PRODU	DEM	DPROD			
	Sub-total	***72,133***	***72,133***						
	Total Production	***(906,039)***	***(906,039)***						
	Purchased Gas Expenses								
804.0	Gas Supply	-	-	F_GASPL	COM			GASCOST	
808.0	Storage Gas	-	-	F_GASPL	COM			GASCOST	
	Other Gas Supply	-	-	F_GASPL	COM			GASSPLY	
	Sub-total	***-***	***-***						
	Distribution Operation Expenses								
870	Operation Supervision & Engineering	1,725,207	1,725,207						DISTOPX
871	Distribution Load Dispatch	252,649	252,649	F_DISTR	DEM	DIST			
874	Mains & Services Expenses	4,899,898	4,899,898	F_DISTR	DEM	DIST			
875	M&R Station Expenses - General	160,140	160,140	F_DISTR	DEM	DIST			
876	M&R Station Expenses - Industrial	14,536	14,536	F_DISTR	DEM	DIST			
878	Meter & House Regulator Expenses	1,800,052	1,800,052	F_DISTR	CUS		CUST		
879	Customer Installation Expenses	58,893	58,893	F_DISTR	CUS		CUST		
880	Other Expenses	988,828	988,828	F_DISTR	DEM	DIST			
881	Rents	12,098	12,098	F_DISTR	DEM	DIST			
	Sub-total	***9,912,299***	***9,912,299***						
	Distribution Maintenance Expenses								
885	Maint. Supervision & Engineering	-	-						DISTMNX
886	Maint. of Structures & Improv.	123,257	123,257	F_DISTR	DEM	DIST			
887	Maint. of Mains	1,673,937	1,673,937	F_DISTR	DEM	DIST			
889	Maint. of M&R Station Equip. - General	55,977	55,977	F_DISTR	DEM	DIST			
892	Maint. of Services	678,014	678,014	F_DISTR	CUS		CUST		
893	Maint. of Meters & House Regulators	310,270	310,270	F_DISTR	CUS		CUST		
894	Maint. of Other Equip.	13,686	13,686	F_DISTR	DEM	DIST			
	Sub-total	***2,855,141***	***2,855,141***						
	Total Distribution	***12,767,440***	***12,767,440***						

Class Cost of Service Study
Account Inputs

Class Cost of Service Study
Account Inputs

	Customer Account									
901	Supervision	199,462	199,462						CACCTX	
902	Meter Reading	408,042	408,042	F_DISTR	CUS		CUST			
903	Customer Records & Collection	3,902,071	3,902,071	F_DISTR	CUS		CUST			
904	Uncollectable Accounts - Delivery	1,482,816	1,482,816	F_DISTR	COM			PREV_DEL		
905	Uncollectable Accounts - Production	22,466	22,466	F_MISCI	COM			PREV_PROD		
905	Misc. Customer Accounts	(19,398)	(19,398)	F_DISTR	CUS		CUST			
	Sub-total	***5,995,459***	***5,995,459***							
	Customer Service & Information Expenses									
908	Customer Assistance Expense	-	-	F_DISTR	CUS		CUST			
910	Misc Customer Assistance Expense	2,521	2,521	F_DISTR	CUS		CUST			
	Sub-total	***2,521***	***2,521***							
	Sales Expenses									
912	Demostrating & Selling Expenses	160,782	160,782	F_DISTR	CUS		CUST			
	Sub-total	***160,782***	***160,782***							
	Administrative and General Expenses									
920	Administrative & General Salaries	4,878,391	4,878,391						LABOR	
920	A&G Salaries - Energy Procurement	641,584	641,584	F_MISCI	COM			GASSPLY		TB2016 expense deta
921	Office Supplies	1,219,159	1,219,159						LABOR	
921	Office Supplies - Energy Procurement	69,699	69,699	F_MISCI	COM			GASSPLY		TB2016 expense deta
922	A&G Transferred	(7,749,920)	(7,749,920)						AGxTRANSFER	
922	A&G Transferred - Energy Procurement	(258,003)	(258,003)	F_MISCI	COM			GASSPLY		TB2016 expense deta
923	Outside Services	3,980,056	3,980,056						LABOR	
923	Outside Serv. - Gas Acquistion	381,674	381,674	F_MISCI	COM			GASSPLY		
924	Property Insurance	35,930	35,930						LABOR	
925	Injuries & Damages	1,074,851	1,074,851						LABOR	
926	Employee Pension & Benefits	7,227,581	7,227,581						LABOR	
928	Regulatory Commission - Delivery	694,888	694,888	F_DISTR	COM			PREV_DEL		
928	Regulatory Commission - Production	10,528	10,528	F_PRODU	COM			REG_COMM		
930	Misc. General Expenses	70,770	70,770						LABOR	
931	Office Rent	146,051	146,051						LABOR	
932	Maintenance of General Plant	133,881	133,881						LABOR	
	Sub-total	***12,557,120***	***12,557,120***							
	TOTAL O & M EXPENSES	**30,577,282**	**30,577,282**							

Labor Expense

	Production - Operation								
710	Supervision	299,027	299,027	F_PRODU	DEM	DPROD			
717	LPG - Production	13,574	13,574	F_PRODU	DEM	DPROD			
728	LPG - Materials	194,832	194,832	F_PRODU	DEM	DPROD			
733	Gas Mixing & Misc Exp - Keene	(9,365)	(9,365)	F_PRODU	DEM	DPROD_K			
735	Misc. Prod. Exp.	2,543	2,543	F_PRODU	DEM	DPROD			
841.0	Operation Labor & Expenses	-	-	F_PRODU	DEM	DPROD			
846.0	Other	-	-	F_PRODU	DEM	DPROD			
	Sub-total	***500,612***	***500,612***						
	Production - Maintenance								
742	Maint. of Prod. Equip	-	-	F_PRODU	DEM	DPROD			
	Sub-total	***-***	***-***						
	Total Production	***500,612***	***500,612***						

Class Cost of Service Study
Account Inputs

ill; dept 9835, class 69, acct 920, energy procurement

ill; dept 9835, class 69, acct 921, energy procurement

ill; dept 9835, class 69, acct 922, energy procurement

Class Cost of Service Study
Account Inputs

	Distribution Operation Expenses								
870	Operation Supervision & Engineering	847,506	847,506						DISTOPX
871	Distribution Load Dispatch	215,372	215,372	F_DISTR	DEM	DIST			
874	Mains & Services Expenses	3,237,065	3,237,065	F_DISTR	DEM	DIST			
875	M&R Station Expenses - General	129,841	129,841	F_DISTR	DEM	DIST			
876	M&R Station Expenses - Industrial	9,569	9,569	F_DISTR	DEM	DIST			
878	Meter & House Regulator Expenses	1,521,556	1,521,556	F_DISTR	CUS		CUST		
879	Customer Installation Expenses	17,889	17,889	F_DISTR	CUS		CUST		
880	Other Expenses	468,781	468,781	F_DISTR	DEM	DIST			
881	Rents	-		F_DISTR	DEM	DIST			
	Sub-total	***6,447,579***	***6,447,579***						
	Distribution Maintenance Expenses								
885	Maint. Supervision & Engineering	-	-						DISTMNX
886	Maint. of Structures & Improv.	83,216	83,216	F_DISTR	DEM	DIST			
887	Maint. of Mains	656,606	656,606	F_DISTR	DEM	DIST			
889	Maint. of M&R Station Equip. - General	30,851	30,851	F_DISTR	DEM	DIST			
890	Maint. of M&R Station Equip. - Industrial	-							
891	Maint. of M&R Station Equip. - City Gate	-							
892	Maint. of Services	367,661	367,661	F_DISTR	CUS		CUST		
893	Maint. of Meters & House Regulators	196,372	196,372	F_DISTR	CUS		CUST		
894	Maint. of Other Equip.	4,029	4,029	F_DISTR	DEM	DIST			
	Sub-total	***1,338,735***	***1,338,735***						
	Total Distribution	***7,786,315***	***7,786,315***						
	Customer Account								
901	Supervision	185,091	185,091						CACCTX
902	Meter Reading	386,682	386,682	F_DISTR	CUS		CUST		
903	Customer Records & Collection	2,448,098	2,448,098	F_DISTR	CUS		CUST		
904	Uncollectable Accounts	-							
905	Misc. Customer Accounts	-		F_DISTR	CUS		CUST		
	Sub-total	***3,019,870***	***3,019,870***						
	Customer Service & Information Expenses								
908	Customer Assistance Expense	-	-	F_DISTR	CUS		CUST		
910	Misc Customer Assistance Expense	3,994	3,994	F_DISTR	CUS		CUST		
	Sub-total	***3,994***	***3,994***						
	Sales Expenses								
912	Demostrating & Selling Expenses	115,969	115,969	F_DISTR	CUS		CUST		
	Sub-total	***115,969***	***115,969***						
	TOTAL O & M LABOR EXP.	**11,426,760**	**11,426,760**						

Depreciation Expense

	Intangible Plant								
303	Misc. Intangible Plant	2,378,512	2,378,512						LABOR
	Sub-total	***2,378,512***	***2,378,512***						
	Production Plant								
	Production Plant EN	389,879	389,879	F_PRODU	DEM	DPROD			
	Production Plant Keene	66,241	66,241	F_PRODU	DEM	DPROD_K			
	Sub-total	***456,120***	***456,120***						
	Other								
	Depr Amort of Reserve Surplus	(933,588)	(933,588)						PLANT
	Regulatory Debits	181,327	181,327						AGEXP
	Amort. Of Regulatory Asset	3,854,214	3,854,214						LABOR
	Ratemaking Adjustment	(1,325,000)	(1,325,000)						PDGPLT
	Sub-total	***1,776,953***	***1,776,953***						
	Distribution Plant								
365.0	Land & Land Rights	-							
366.0	M&R Stations	17,837	17,837	F_DISTR	DEM	DIST			
367.0	Mains	4,532,743	4,532,743	F_DISTR	DEM	DIST			
369.0	Compressor Station Equipment	141,154	141,154	F_DISTR	DEM	DIST			
380.0	Services	5,248,167	5,248,167	F_DISTR	CUS		CUST		
381.0	Meters & Installations	857,975	857,975	F_DISTR	CUS		CUST		
382.0	Meters Installations	449,468	449,468	F_DISTR	CUS		CUST		
387.0	Other Equipment	51,674	51,674	F_DISTR	DEM	DIST			
	Sub-total	***11,299,019***	***11,299,019***						
	General Plant Plant								
389.0	Land & Land Rights	-							
390.0	Structures & Improvements	642,361	642,361						LABOR
391.0	Office Furniture & Equipment	345,644	345,644						LABOR
392.0	Transportation Equipment	534,213	534,213						LABOR
393.0	Stores Equipment	3,311	3,311						LABOR
394.0	Tools, Shop & Garage Equip.	65,199	65,199						LABOR
395.0	Laboratory Equip.	-							
396.0	Power Operated Equip.	131,974	131,974						LABOR
397.0	Communication Equip.	55,599	55,599						LABOR
398.0	Miscellaneous Equip.	24,986	24,986						LABOR
	Sub-total	***1,803,288***	***1,803,288***						
	TOTAL DEPRECIATION EXPENSES	**17,713,892**	**17,713,892**						

Interest and Other Expenses

	Interest Expense	5,576,135	5,576,135						RTBASE
	Sub-total	***5,576,135***	***5,576,135***						
	TOTAL INTEREST AND OTHER EXPENSES	**5,576,135**	**5,576,135**						

Taxes Other Than Income Taxes

408	Payroll	1,713,204	1,713,204						LABOR
408	Property	9,181,806	9,181,806						PLANT
	Sub-total	***10,895,009***	***10,895,009***						
	TOTAL TAXES OTHER THAN INCOME TAX	**10,895,009**	**10,895,009**						

Additions to Operating Income

~	~	-	-						LABOR
~	~	-							
~	~	-							
~	~	-							
~	~	-							
~	~	-							
~	~	-							
~	~	-							
	TOTAL	-	-						

Deductions from Operating Income

	Ratemaking Adjustment	(1,325,000)	(1,325,000)						RTBASE
~	~	-							
~	~	-							
~	~	-							
~	~	-							
~	~	-							
~	~	-							

Class Cost of Service Study
Account Inputs

Class Cost of Service Study
Account Inputs

~	~	-							
~	~	-							
	TOTAL	**(1,325,000)**	**(1,325,000)**						
Net Additions/Deductions to Oper. Inc.		**(1,325,000)**	**(1,325,000)**						
Other									
	Interest on Customer Deposits	-		F_DISTR	CUS		CUST		
	TOTAL	-	-						
Income Taxes									
	Income Taxes	2,157,769	2,157,769						RTBASE
	TOTAL	**2,157,769**	**2,157,769**						
Operating Revenues									
	Distribution Rate Revenue	70,681,266	70,681,266	F_DISTR	COM			CUR_REV	
	Late Payment Charges - Delivery	435,860	435,860	F_DISTR	COM			PREV_DEL	
	Late Payment Charges - Production	6,604	6,604	F_PRODU	COM			PREV_PROD	
	Connect/Reconnect Fees	400,285	400,285	F_DISTR	CUS		CUST		
	Other Revenues	38,510	38,510	F_DISTR	COM			OTH_REV	
	Sub-total	***71,562,525***	***71,562,525***						
	TOTAL	**71,562,525**							

No.	Account Description	Line Ref. Amount		4 DEM	5 CUS	6 COM	Internal	DEM	CUS	COM
	RATE BASE		-							
			-							
	Plant in Service		-							
			-							
	Intangible Plant		-							
	Misc. Intangible Plant	14,745,889	-	-	-	-	14,745,889			
	Sub-total	***14,745,889***	-	-	-	-	***14,745,889***			
			-							
	Production Plant		-							
	Production Plant EN	14,026,237	-	14,026,237	-	-	-	F_PRODU_DPROD		
	Production Plant Keene	335,421	-	335,421	-	-	-	F_PRODU_DPROD_K		
	Sub-total	***14,361,658***	-	***14,361,658***	-	-	-			
			-							
	Distribution Plant		-							
	Land & Land Rights	197,931	-	197,931	-	-	-	F_DISTR_DIST		
	M&R Stations	623,659	-	623,659	-	-	-	F_DISTR_DIST		
	Mains	231,079,452	-	231,079,452	-	-	-	F_DISTR_DIST		
	Compressor Station Equipment	4,924,228	-	4,924,228	-	-	-	F_DISTR_DIST		
	Services	147,512,755	-	-	147,512,755	-	-		F_DISTR_CUST	
	Meters & Meter Installations	20,781,525	-	-	20,781,525	-	-		F_DISTR_CUST	
	Meters Installations	14,360,005	-	-	14,360,005	-	-		F_DISTR_CUST	
	Other Equipment	986,277	-	986,277	-	-	-	F_DISTR_DIST		
	Sub-total	***420,465,832***	-	***237,811,547***	***182,654,285***	-	-			
			-							
	General Plant		-							
	Land & Land Rights	16,806	-	-	-	-	16,806			
	Structures & Improvements	22,126,395	-	-	-	-	22,126,395			
	Office Furniture & Equipment	2,911,316	-	-	-	-	2,911,316			
	Transportation Equipment	2,750,151	-	-	-	-	2,750,151			
	Stores Equipment	99,421	-	-	-	-	99,421			
	Tools, Shop & Garage Equip.	1,148,344	-	-	-	-	1,148,344			
	Laboratory Equip.	-	-	-	-	-	-			
	Power Operated Equip.	726,968	-	-	-	-	726,968			
	Communication Equip.	477,578	-	-	-	-	477,578			
	Miscellaneous Equip.	353,566	-	-	-	-	353,566			
	Sub-total	***30,610,544***	-	-	-	-	***30,610,544***			
			-							
	TOTAL PLANT-IN-SERVICE	**480,183,923**	-	**252,173,205**	**182,654,285**	-	**45,356,433**			
			-							

Accumulated Reserve for Depreciation

		-							
		-							
Intangible Plant									
Misc. Intangible Plant	(4,975,703)	-	-	-	-	(4,975,703)			
Sub-total	***(4,975,703)***	-	-	-	-	***(4,975,703)***			
		-							
Production Plant									
Production Plant	(9,579,080)	-	(9,579,080)	-	-	-	F_PRODU_DPROD		
Production Plant Keene	(188,851)	-	(188,851)	-	-	-	F_PRODU_DPROD_K		
Sub-total	***(9,767,932)***	-	***(9,767,932)***	-	-	-			
	-	-							
Distribution Plant		-							
Land & Land Rights	-	-	-	-	-	-			
M&R Stations	(455,849)	-	(455,849)	-	-	-	F_DISTR_DIST		
Mains	(55,119,021)	-	(55,119,021)	-	-	-	F_DISTR_DIST		
Compressor Station Equipment	(1,898,257)	-	(1,898,257)	-	-	-	F_DISTR_DIST		
Services	(66,914,257)	-	-	(66,914,257)	-	-		F_DISTR_CUST	
Meters	(10,159,323)	-	-	(10,159,323)	-	-		F_DISTR_CUST	
Meter Installations	(2,510,354)	-	-	(2,510,354)	-	-		F_DISTR_CUST	
Other Equipment	(377,799)	-	(377,799)	-	-	-	F_DISTR_DIST		
		-							
General Plant		-							
Land & Land Rights	-	-	-	-	-	-			
Structures & Improvements	(3,369,744)	-	-	-	-	(3,369,744)			
Office Furniture & Equipment	(510,622)	-	-	-	-	(510,622)			
Transportation Equipment	(807,510)	-	-	-	-	(807,510)			
Stores Equipment	(28,007)	-	-	-	-	(28,007)			
Tools, Shop & Garage Equip.	(641,731)	-	-	-	-	(641,731)			
Laboratory Equip.	-	-	-	-	-	-			
Power Operated Equip.	(665,676)	-	-	-	-	(665,676)			
Communication Equip.	(240,750)	-	-	-	-	(240,750)			
Miscellaneous Equip.	(156,784)	-	-	-	-	(156,784)			
Other	(133,284)	-	-	-	-	(133,284)			
Sub-total	***(6,554,108)***	-	-	-	-	***(6,554,108)***			
		-							
TOTAL DEPRECIATION ACCRUAL	**(158,732,601)**	-	**(67,618,857)**	**(79,583,934)**	-	**(11,529,811)**			
		-							
NET PLANT	**321,451,321**	-	**184,554,348**	**103,070,351**	-	**33,826,622**			
		-							

Rate Base Adjustments

Additions									
Gas Materials and Supplies	6,948,817	-	-	-	-	6,948,817			
Gas Stored Underground - Current A/C 164	-	-	-	-	-	-			
LNG Inventory - Current A/C 164	-	-	-	-	-	-			
Gas Stored Underground - Non-Current A/C	-	-	-	-	-	-			
Cash Working Capital (Other)	2,725,860	-	-	-	-	2,725,860			
Cash Working Capital (Gas)	-	-	-	-	-	-			
Prepayments	2,733,433	-	-	-	-	2,733,433			
Sub-total	***12,408,110***	-	**-**	**-**	**-**	***12,408,110***			
Deductions									
Customer Deposits	(1,775,750)	-	-	(1,775,750)	-	-		F_DISTR_CUST	
Interest on Customer Deposits	-	-	-	-	-	-		F_DISTR_CUST	
Accum. Deferred Income Taxes	(80,054,998)	-	-	-	-	(80,054,998)			
Sub-total	***(81,830,748)***	-	**-**	***(1,775,750)***	**-**	***(80,054,998)***			
TOTAL RATE BASE ADJ.	**(69,422,638)**	-	**-**	**(1,775,750)**	**-**	**(67,646,888)**			
TOTAL RATE BASE	**252,028,683**	-	**184,554,348**	**101,294,601**	**-**	**(33,820,266)**			

EXPENSES

O & M Expenses

Production (LPG LNG) - Operation									
Supervision	333,238	-	333,238	-	-	-	F_PRODU_DPROD		
LPG - Production	263,598	-	263,598	-	-	-	F_PRODU_DPROD		
LPG - Materials	46,178	-	46,178	-	-	-	F_PRODU_DPROD		
Gas Mixing & Misc Exp - Keene	(23,701)	-	(23,701)	-	-	-	F_PRODU_DPROD_K		
Misc. Prod. Exp.	388,258	-	388,258	-	-	-	F_PRODU_DPROD		
Operation Labor & Expenses	2,543	-	2,543	-	-	-	F_PRODU_DPROD		
Other	4,296	-	4,296	-	-	-	F_PRODU_DPROD		
Indirect Expenses	(1,992,581)	-	-	-	(1,992,581)	-			F_PRODU_INDIRECT
Sub-total	***(978,172)***	-	***1,014,409***	***-***	***(1,992,581)***	***-***			
Production (LPG LNG) - Maintenance									
Maint. of Prod. Equip	72,133	-	72,133	-	-	-	F_PRODU_DPROD		
Sub-total	***72,133***	-	***72,133***	***-***	***-***	***-***			
Total Production	***(906,039)***	-	***1,086,542***	***-***	***(1,992,581)***	***-***			
Purchased Gas Expenses									
Gas Supply	-	-	-	-	-	-			F_GASPL_GASCOST
Storage Gas	-	-	-	-	-	-			F_GASPL_GASCOST
Other Gas Supply	-	-	-	-	-	-			F_GASPL_GASSPLY
Sub-total	***-***	-	***-***	***-***	***-***	***-***			
Distribution Operation Expenses									
Operation Supervision & Engineering	1,725,207	-	-	-	-	1,725,207			
Distribution Load Dispatch	252,649	-	252,649	-	-	-	F_DISTR_DIST		
Compressor Station Expense	-	-	-	-	-	-			
Mains & Services Expenses	4,899,898	-	4,899,898	-	-	-	F_DISTR_DIST		
M&R Station Expenses - General	160,140	-	160,140	-	-	-	F_DISTR_DIST		
M&R Station Expenses - Industrial	14,536	-	14,536	-	-	-	F_DISTR_DIST		
M&R Station Expenses - City Gate	-	-	-	-	-	-			
Meter & House Regulator Expenses	1,800,052	-	-	1,800,052	-	-		F_DISTR_CUST	
Customer Installation Expenses	58,893	-	-	58,893	-	-		F_DISTR_CUST	
Other Expenses	988,828	-	988,828	-	-	-	F_DISTR_DIST		
Rents	12,098	-	12,098	-	-	-	F_DISTR_DIST		
Sub-total	***9,912,299***	-	***6,328,148***	***1,858,945***	***-***	***1,725,207***			
Distribution Maintenance Expenses									
Maint. Supervision & Engineering	-	-	-	-	-	-			
Maint. of Structures & Improv.	123,257	-	123,257	-	-	-	F_DISTR_DIST		
Maint. of Mains	1,673,937	-	1,673,937	-	-	-	F_DISTR_DIST		
Maint. of M&R Station Equip. - General	55,977	-	55,977	-	-	-	F_DISTR_DIST		
Maint. of M&R Station Equip. - Industrial	-	-	-	-	-	-			
Maint. of M&R Station Equip. - City Gate	-	-	-	-	-	-			
Maint. of Services	678,014	-	-	678,014	-	-		F_DISTR_CUST	
Maint. of Meters & House Regulators	310,270	-	-	310,270	-	-		F_DISTR_CUST	
Maint. of Other Equip.	13,686	-	13,686	-	-	-	F_DISTR_DIST		
Sub-total	***2,855,141***	-	***1,866,857***	***988,284***	***-***	***-***			
Total Distribution	***12,767,440***	-	***8,195,004***	***2,847,229***	***-***	***1,725,207***			
Customer Account									
Supervision	199,462	-	-	-	-	199,462			
Meter Reading	408,042	-	-	408,042	-	-		F_DISTR_CUST	
Customer Records & Collection	3,902,071	-	-	3,902,071	-	-		F_DISTR_CUST	
Uncollectable Accounts - Delivery	1,482,816	-	-	-	1,482,816	-			F_DISTR_PREV_DEL
Uncollectable Accounts - Production	22,466	-	-	-	22,466	-			F_MISCI_PREV_PROD
Misc. Customer Accounts	(19,398)	-	-	(19,398)	-	-		F_DISTR_CUST	
Sub-total	***5,995,459***	-	***-***	***4,290,715***	***1,505,282***	***199,462***			
Customer Service & Information Expenses									
Customer Assistance Expense	-	-	-	-	-	-		F_DISTR_CUST	
Misc Customer Assistance Expense	2,521	-	-	2,521	-	-		F_DISTR_CUST	
Sub-total	***2,521***	-	***-***	***2,521***	***-***	***-***			
Sales Expenses									
Demostrating & Selling Expenses	160,782	-	-	160,782	-	-		F_DISTR_CUST	
Sub-total	***160,782***	-	***-***	***160,782***	***-***	***-***			
Administrative and General Expenses									
Administrative & General Salaries	4,878,391	-	-	-	-	4,878,391			
A&G Salaries - Energy Procurement	641,584	-	-	-	641,584	-			F_MISCI_GASSPLY
Office Supplies	1,219,159	-	-	-	-	1,219,159			
Office Supplies - Energy Procurement	69,699	-	-	-	69,699	-			F_MISCI_GASSPLY
A&G Transferred	(7,749,920)	-	-	-	-	(7,749,920)			
A&G Transferred - Energy Procurement	(258,003)	-	-	-	(258,003)	-			F_MISCI_GASSPLY
Outside Services	3,980,056	-	-	-	-	3,980,056			
Outside Serv. - Gas Acquistion	381,674	-	-	-	381,674	-			F_MISCI_GASSPLY
Property Insurance	35,930	-	-	-	-	35,930			
Injuries & Damages	1,074,851	-	-	-	-	1,074,851			
Employee Pension & Benefits	7,227,581	-	-	-	-	7,227,581			
Regulatory Commission - Delivery	694,888	-	-	-	694,888	-			F_DISTR_PREV_DEL

Regulatory Commission - Production	10,528	-	-	-	10,528	-				F_PRODU_REG_COMM
Misc. General Expenses	70,770	-	-	-	-	70,770				
Office Rent	146,051	-	-	-	-	146,051				
Maintenance of General Plant	133,881	-	-	-	-	133,881				
Maintenance of General Plant	-	-	-	-	-	-				
Sub-total	***12,557,120***	-	-	-	***1,540,371***	***11,016,749***				
		-								
TOTAL O & M EXPENSES	**30,577,282**	-	**9,281,546**	**7,301,246**	**1,053,072**	**12,941,418**	-	-	-	-

Labor Expense

Production - Operation									
~	-	-	-	-	-	-			
Supervision	299,027	-	299,027	-	-	-	F_PRODU_DPROD		
~	-	-	-	-	-	-			
LPG - Production	13,574	-	13,574	-	-	-	F_PRODU_DPROD		
LPG - Materials	194,832	-	194,832	-	-	-	F_PRODU_DPROD		
Gas Mixing & Misc Exp - Keene	(9,365)	-	(9,365)	-	-	-	F_PRODU_DPROD_K		
Misc. Prod. Exp.	2,543	-	2,543	-	-	-	F_PRODU_DPROD		
Operation Labor & Expenses	-	-	-	-	-	-	F_PRODU_DPROD		
Other	-	-	-	-	-	-	F_PRODU_DPROD		
Sub-total	***500,612***	-	***500,612***	***-***	***-***	***-***			
Production - Maintenance									
Maint. of Prod. Equip	-	-	-	-	-	-	F_PRODU_DPROD		
Sub-total	***-***	-	***-***	***-***	***-***	***-***			
Total Production	***500,612***	-	***500,612***	***-***	***-***	***-***			
Distribution Operation Expenses									
Operation Supervision & Engineering	847,506	-	-	-	-	847,506			
Distribution Load Dispatch	215,372	-	215,372	-	-	-	F_DISTR_DIST		
Compressor Station Expense	-	-	-	-	-	-			
Mains & Services Expenses	3,237,065	-	3,237,065	-	-	-	F_DISTR_DIST		
M&R Station Expenses - General	129,841	-	129,841	-	-	-	F_DISTR_DIST		
M&R Station Expenses - Industrial	9,569	-	9,569	-	-	-	F_DISTR_DIST		
M&R Station Expenses - City Gate	-	-	-	-	-	-			
Meter & House Regulator Expenses	1,521,556	-	-	1,521,556	-	-		F_DISTR_CUST	
Customer Installation Expenses	17,889	-	-	17,889	-	-		F_DISTR_CUST	
Other Expenses	468,781	-	468,781	-	-	-	F_DISTR_DIST		
Rents	-	-	-	-	-	-	F_DISTR_DIST		
Sub-total	***6,447,579***	-	***4,060,628***	***1,539,446***	***-***	***847,506***			
Distribution Maintenance Expenses									
Maint. Supervision & Engineering	-	-	-	-	-	-			
Maint. of Structures & Improv.	83,216	-	83,216	-	-	-	F_DISTR_DIST		
Maint. of Mains	656,606	-	656,606	-	-	-	F_DISTR_DIST		
Maint. of M&R Station Equip. - General	30,851	-	30,851	-	-	-	F_DISTR_DIST		
Maint. of M&R Station Equip. - Industrial	-	-	-	-	-	-			
Maint. of M&R Station Equip. - City Gate	-	-	-	-	-	-			
Maint. of Services	367,661	-	-	367,661	-	-		F_DISTR_CUST	
Maint. of Meters & House Regulators	196,372	-	-	196,372	-	-		F_DISTR_CUST	
Maint. of Other Equip.	4,029	-	4,029	-	-	-	F_DISTR_DIST		
Sub-total	***1,338,735***	-	***774,702***	***564,033***	***-***	***-***			
Total Distribution	***7,786,315***	-	***4,835,330***	***2,103,479***	***-***	***847,506***			
Customer Account									
Supervision	185,091	-	-	-	-	185,091			
Meter Reading	386,682	-	-	386,682	-	-		F_DISTR_CUST	
Customer Records & Collection	2,448,098	-	-	2,448,098	-	-		F_DISTR_CUST	
Uncollectable Accounts	-	-	-	-	-	-			
Misc. Customer Accounts	-	-	-	-	-	-		F_DISTR_CUST	
Sub-total	***3,019,870***	-	***-***	***2,834,780***	***-***	***185,091***			
Customer Service & Information Expenses									
Customer Assistance Expense	-	-	-	-	-	-		F_DISTR_CUST	
Misc Customer Assistance Expense	3,994	-	-	3,994	-	-		F_DISTR_CUST	
Sub-total	***3,994***	-	***-***	***3,994***	***-***	***-***			
Sales Expenses									
Demostrating & Selling Expenses	115,969	-	-	115,969	-	-		F_DISTR_CUST	
Sub-total	***115,969***	-	***-***	***115,969***	***-***	***-***			
TOTAL O & M LABOR EXP.	**11,426,760**	-	**5,335,942**	**5,058,221**	**-**	**1,032,597**			

Depreciation Expense

Intangible Plant									
Organizational Expense	-	-	-	-	-	-			
Franchise & Consents	-	-	-	-	-	-			
Misc. Intangible Plant	2,378,512	-	-	-	-	2,378,512			
Sub-total	***2,378,512***	-	-	-	-	***2,378,512***			
Production Plant									
Production Plant EN	389,879	-	389,879	-	-	-	F_PRODU_DPROD		
Production Plant Keene	66,241	-	66,241	-	-	-	F_PRODU_DPROD_K		
Sub-total	***456,120***	-	***456,120***	-	-	-			
Other									
Depr Amort of Reserve Surplus	(933,588)	-	-	-	-	(933,588)			
Regulatory Debits	181,327	-	-	-	-	181,327			
Amort. Of Regulatory Asset	3,854,214	-	-	-	-	3,854,214			
Ratemaking Adjustment	(1,325,000)	-	-	-	-	(1,325,000)			
Sub-total	1,776,953	-	-	-	-	***1,776,953***			
Distribution Plant									
Land & Land Rights	-	-	-	-	-	-			
M&R Stations	17,837	-	17,837	-	-	-	F_DISTR_DIST		
Mains	4,532,743	-	4,532,743	-	-	-	F_DISTR_DIST		
Compressor Station Equipment	141,154	-	141,154	-	-	-	F_DISTR_DIST		
Services	5,248,167	-	-	5,248,167	-	-		F_DISTR_CUST	
Meters & Installations	857,975	-	-	857,975	-	-		F_DISTR_CUST	
Meters Installations	449,468	-	-	449,468	-	-		F_DISTR_CUST	
Other Equipment	51,674	-	51,674	-	-	-	F_DISTR_DIST		
Sub-total	***11,299,019***	-	***4,743,409***	***6,555,610***	-	-			
General Plant Plant									
Land & Land Rights	-	-	-	-	-	-			
Structures & Improvements	642,361	-	-	-	-	642,361			
Office Furniture & Equipment	345,644	-	-	-	-	345,644			
Transportation Equipment	534,213	-	-	-	-	534,213			
Stores Equipment	3,311	-	-	-	-	3,311			
Tools, Shop & Garage Equip.	65,199	-	-	-	-	65,199			
Laboratory Equip.	-	-	-	-	-	-			
Power Operated Equip.	131,974	-	-	-	-	131,974			
Communication Equip.	55,599	-	-	-	-	55,599			
Miscellaneous Equip.	24,986	-	-	-	-	24,986			
Sub-total	***1,803,288***	-	-	-	-	***1,803,288***			
TOTAL DEPRECIATION EXPENSES	**17,713,892**	-	**5,199,529**	**6,555,610**	-	**5,958,753**			

Interest and Other Expenses

Interest Expense	5,576,135	-	-	-	-	5,576,135			
Sub-total	***5,576,135***	-	-	-	-	***5,576,135***			
TOTAL INTEREST AND OTHER EXPENS	**5,576,135**	-	-	-	-	**5,576,135**			

Taxes Other Than Income Taxes

Payroll	1,713,204	-	-	-	-	1,713,204			
Property	9,181,806	-	-	-	-	9,181,806			
Sub-total	***10,895,009***	-	-	-	-	***10,895,009***			
TOTAL TAXES OTHER THAN INCOME T	**10,895,009**	-	-	-	-	**10,895,009**			

Additions to Operating Income

~	-	-	-	-	-	-			
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~	-	-	-	-	-	-			
~	-	-	-	-	-	-			
TOTAL	-	-	-	-	-	-			

Deductions from Operating Income

Ratemaking Adjustment	(1,325,000)	-	-	-	-	(1,325,000)			
~	-	-	-	-	-	-			
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~	-	-	-	-	-	-			
TOTAL	***(1,325,000)***	-	-	-	-	***(1,325,000)***			

Net Additions/Deductions to Oper. Inc.

Net Additions/Deductions to Oper. Inc.	**(1,325,000)**	-	-	-	-	**(1,325,000)**			

Other

Interest on Customer Deposits	-	-	-	-	-	-	-	F_DISTR_CUST	
TOTAL	-	-	-	-	-	-	-		

Income Taxes

		-							
Income Taxes	2,157,769	-	-	-	-	2,157,769			
TOTAL	***2,157,769***	-	**-**	**-**	**-**	***2,157,769***			
	-	-							
		END							

Operating Revenues

Distribution Rate Revenue	70,681,266	-	-	-	70,681,266	-			F_DISTR_CUR_REV
Late Payment Charges - Delivery	435,860	-	-	-	435,860	-			F_DISTR_PREV_DEL
Late Payment Charges - Production	6,604	-	-	-	6,604	-			F_PRODU_PREV_PROD
~	-	-	-	-	-	-			
~	-	-	-	-	-	-			
~	-	-	-	-	-	-			
Connect/Reconnect Fees	400,285	-	-	400,285	-	-		F_DISTR_CUST	
Other Revenues	38,510	-	-	-	38,510	-			F_DISTR_OTH_REV
Sub-total	***71,562,525***	-	**-**	***400,285***	***71,162,240***	**-**			
		-							
TOTAL	**71,562,525**	-	**-**	**400,285**	**71,162,240**	**-**			
		-							

No.	Account Description	Amount		4 F_PRODU_DPROD F_PRODU_DEM	5 F_PRODU_DPROD_K F_PRODU_DEM	6 F_DISTR_DIST F_DISTR_DEM	7 F_DISTR_CUST F_DISTR_CUS	8 F_PRODU_INDIRECT F_PRODU_COM	9 F_GASPL_GASCOST F_GASPL_COM	10 F_GASPL_GASSPLY F_GASPL_COM	11 F_DISTR_PREV_DEL F_DISTR_COM	12 F_MISCI_PREV_PROD F_MISCI_COM	13 F_MISCI_GASSPLY F_MISCI_COM	14 F_PRODU_REG_COMM F_PRODU_COM	15 F_DISTR_CUR_REV F_DISTR_COM	16 F_PRODU_PREV_PROD F_PRODU_COM	17 F_DISTR_OTH_REV F_DISTR_COM	18 ~ ~	19 ~ ~	20 ~ ~
RATE BASE			-																		
Plant in Service			-																		
	Intangible Plant		-																		
	Misc. Intangible Plant	14,745,889	-	658,110	(12,085)	7,085,199	7,014,665	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sub-total	***14,745,889***	-	***658,110***	***(12,085)***	***7,085,199***	***7,014,665***	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Production Plant		-																		
	Production Plant EN	14,026,237	-	14,026,237	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Production Plant Keene	335,421	-	-	335,421	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sub-total	***14,361,658***	-	***14,026,237***	***335,421***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Distribution Plant		-																		
	Land & Land Rights	197,931	-	-	-	197,931	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M&R Stations	623,659	-	-	-	623,659	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mains	231,079,452	-	-	-	231,079,452	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Compressor Station Equipment	4,924,228	-	-	-	4,924,228	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Services	147,512,755	-	-	-	-	147,512,755	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Meters & Meter Installations	20,781,525	-	-	-	-	20,781,525	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Meters Installations	14,360,005	-	-	-	-	14,360,005	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other Equipment	986,277	-	-	-	986,277	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sub-total	***420,465,832***	-	***-***	***-***	***237,811,547***	***182,654,285***	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	General Plant		-																		
	Land & Land Rights	16,806	-	750	(14)	8,075	7,995	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Structures & Improvements	22,126,395	-	987,502	(18,134)	10,631,432	10,525,594	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Office Furniture & Equipment	2,911,316	-	129,932	(2,386)	1,398,848	1,384,922	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Transportation Equipment	2,750,151	-	122,739	(2,254)	1,321,410	1,308,255	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Stores Equipment	99,421	-	4,437	(81)	47,770	47,295	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tools, Shop & Garage Equip.	1,148,344	-	51,251	(941)	551,764	546,271	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Laboratory Equip.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Power Operated Equip.	726,968	-	32,445	(596)	349,298	345,821	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Communication Equip.	477,578	-	21,314	(391)	229,470	227,185	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miscellaneous Equip.	353,566	-	15,780	(290)	169,884	168,192	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sub-total	***30,610,544***	-	***1,366,151***	***(25,087)***	***14,707,951***	***14,561,530***	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL PLANT-IN-SERVICE	**480,183,923**	-	**16,050,497**	**298,248**	**259,604,697**	**204,230,480**	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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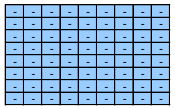

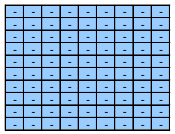

30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	1	2	3	4	8	9	10	11	12	13	17	18	19	20	21	22	26
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																														F DISTR DEM	F DISTR CUS	F DISTR COM				F GASPL DEM	F GASPL CUS	F GASPL COM				F PRODU DEM	F PRODU CUS	F PRODU COM	
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	***7,085,199***	***7,014,665***	***-***	***14,099,864***			***-***	***-***	***-***	***-***			***646,025***	***-***	***-***	***646,025***
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,075	7,995	-	16,070			-	-	-	-			736	-	-	736
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10,631,432	10,525,594	-	21,157,026			-	-	-	-			969,368	-	-	969,368
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,398,848	1,384,922	-	2,783,770			-	-	-	-			127,546	-	-	127,546
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,321,410	1,308,255	-	2,629,665			-	-	-	-			120,485	-	-	120,485
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47,770	47,295	-	95,065			-	-	-	-			4,356	-	-	4,356
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	551,764	546,271	-	1,098,034			-	-	-	-			50,310	-	-	50,310
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-			-	-	-	-
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	229,470	227,185	-	456,655			-	-	-	-			20,923	-	-	20,923
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	169,884	168,192	-	338,076			-	-	-	-			15,490	-	-	15,490
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	***14,707,951***	***14,561,530***	***-***	***29,269,481***			***-***	***-***	***-***	***-***			***1,341,063***	***-***	***-***	***1,341,063***
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**259,604,697**	**204,230,480**	**-**	**463,835,177**			**-**	**-**	**-**	**-**			**16,348,745**	**-**	**-**	**16,348,745**

27	28	29	30	31	35	36	37	45	46	54	55	63	64	72	73	81	82	90	91	99	100	108	109	117	118	126	127		
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		F	MISCI	DEM	F	MISCI	CUS	F	MISCI	COM																			
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		-		-	-		-	-		-	-																	14,361,658	-
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		-		-	-		-	-		-	-																	197,931	-
		-		-	-		-	-		-	-																	623,659	-
		-		-	-		-	-		-	-																	231,079,452	-
		-		-	-		-	-		-	-																	4,924,228	-
		-		-	-		-	-		-	-																	147,512,755	-
		-		-	-		-	-		-	-																	20,781,525	-
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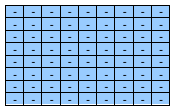
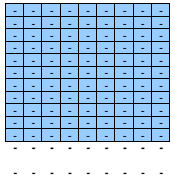
		-		-	-		-	-		-	-																	2,911,316	-
		-		-	-		-	-		-	-																	2,750,151	-
		-		-	-		-	-		-	-																	99,421	-
		-		-	-		-	-		-	-																	1,148,344	-
		-		-	-		-	-		-	-																	-	-
		-		-	-		-	-		-	-																	726,968	-
		-		-	-		-	-		-	-																	477,578	-
		-		-	-		-	-		-	-																	353,566	-
		-		-	-		-	-		-	-																	30,610,544	-
																												-	-
		-		-	-		-	-		-	-																	480,183,923	-
																												-	-

Accumulated Reserve for Depreciation

Intangible Plant																			
Misc. Intangible Plant	(4,975,703)	-	(222,066)	4,078	(2,390,758)	(2,366,957)	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***(4,975,703)***	-	***(222,066)***	***4,078***	***(2,390,758)***	***(2,366,957)***	-	-	-	-	-	-	-	-	-	-	-	-	-
Production Plant																			
Production Plant	(9,579,080)	-	(9,579,080)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production Plant Keene	(188,851)	-	-	(188,851)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***(9,767,932)***	-	***(9,579,080)***	***(188,851)***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution Plant																			
Land & Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M&R Stations	(455,849)	-	-	-	(455,849)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mains	(55,119,021)	-	-	-	(55,119,021)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Compressor Station Equipment	(1,898,257)	-	-	-	(1,898,257)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Services	(66,914,257)	-	-	-	-	(66,914,257)	-	-	-	-	-	-	-	-	-	-	-	-	-
Meters	(10,159,323)	-	-	-	-	(10,159,323)	-	-	-	-	-	-	-	-	-	-	-	-	-
Meter Installations	(2,510,354)	-	-	-	-	(2,510,354)	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Equipment	(377,799)	-	-	-	(377,799)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Plant																			
Land & Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Structures & Improvements	(3,369,744)	-	(150,392)	2,762	(1,619,116)	(1,602,997)	-	-	-	-	-	-	-	-	-	-	-	-	-
Office Furniture & Equipment	(510,622)	-	(22,789)	418	(245,347)	(242,905)	-	-	-	-	-	-	-	-	-	-	-	-	-
Transportation Equipment	(807,510)	-	(36,039)	662	(387,998)	(384,135)	-	-	-	-	-	-	-	-	-	-	-	-	-
Stores Equipment	(28,007)	-	(1,250)	23	(13,457)	(13,323)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tools, Shop & Garage Equip.	(641,731)	-	(28,640)	526	(308,343)	(305,273)	-	-	-	-	-	-	-	-	-	-	-	-	-
Laboratory Equip.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Power Operated Equip.	(665,676)	-	(29,709)	546	(319,848)	(316,664)	-	-	-	-	-	-	-	-	-	-	-	-	-
Communication Equip.	(240,750)	-	(10,745)	197	(115,677)	(114,526)	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous Equip.	(156,784)	-	(6,997)	128	(75,332)	(74,582)	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	(133,284)	-	(4,455)	(83)	(72,058)	(56,688)	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***(6,554,108)***	-	***(291,017)***	***5,180***	***(3,157,177)***	***(3,111,094)***	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL DEPRECIATION ACCRUAL	**(158,732,601)**	-	**(10,092,163)**	**(179,594)**	**(63,398,860)**	**(85,061,984)**	-	-	-	-	-	-	-	-	-	-	-	-	-





-	(2,390,758)	(2,366,957)	-	(4,757,715)	
-	***(2,390,758)***	***(2,366,957)***	***-***	***(4,757,715)***	
-	-	-	-	-	
-	-	-	-	-	
-	**-**	**-**	**-**	**-**	
-	-	-	-	-	
-	(455,849)	-	-	(455,849)	
-	(55,119,021)	-	-	(55,119,021)	
-	(1,898,257)	-	-	(1,898,257)	
-	-	(66,914,257)	-	(66,914,257)	
-	-	(10,159,323)	-	(10,159,323)	
-	-	(2,510,354)	-	(2,510,354)	
-	(377,799)	-	-	(377,799)	
-	-	-	-	-	
-	(1,619,116)	(1,602,997)	-	(3,222,114)	
-	(245,347)	(242,905)	-	(488,252)	
-	(387,998)	(384,135)	-	(772,133)	
-	(13,457)	(13,323)	-	(26,780)	
-	(308,343)	(305,273)	-	(613,616)	
-	-	-	-	-	
-	(319,848)	(316,664)	-	(636,512)	
-	(115,677)	(114,526)	-	(230,203)	
-	(75,332)	(74,582)	-	(149,915)	
-	(72,058)	(56,688)	-	(128,746)	
-	***(3,157,177)***	***(3,111,094)***	***-***	***(6,268,270)***	
-	**(63,398,860)**	**(85,061,984)**	**-**	**(148,460,844)**	

-	-	-	-	(217,988)	-
-	***-***	***-***	***-***	***(217,988)***	***-***
-	-	-	-	(9,579,080)	-
-	-	-	-	(188,851)	-
-	**-**	**-**	**-**	***(9,767,932)***	**-**
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-	-	-	-	-	-
-	-	-	-	(147,630)	-
-	-	-	-	(22,371)	-
-	-	-	-	(35,377)	-
-	-	-	-	(1,227)	-
-	-	-	-	(28,115)	-
-	-	-	-	-	-
-	-	-	-	(29,164)	-
-	-	-	-	(10,547)	-
-	-	-	-	(6,869)	-
-	-	-	-	(4,538)	-
-	***-***	***-***	***-***	***(285,837)***	***-***
-	-	-	-	**(10,271,757)**	**-**

-	(4,757,715)			(217,988)	
-	***(4,757,715)***			***(217,988)***	
-	-			(9,579,080)	
-	-			(188,851)	
-	**-**			***(9,767,932)***	
-	-			-	
-	(455,849)			-	
-	(55,119,021)			-	
-	(1,898,257)			-	
-	(66,914,257)			-	
-	(10,159,323)			-	
-	(2,510,354)			-	
-	(377,799)			-	
-	-			-	
-	(3,222,114)			(147,630)	
-	(488,252)			(22,371)	
-	(772,133)			(35,377)	
-	(26,780)			(1,227)	
-	(613,616)			(28,115)	
-	-			-	
-	(636,512)			(29,164)	
-	(230,203)			(10,547)	
-	(149,915)			(6,869)	
-	(128,746)			(4,538)	
-	***(6,268,270)***			***(285,837)***	
-	**(148,460,844)**			**(10,271,757)**	

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-	-	-	-	(4,975,703)	-
-	-	-	-	(4,975,703)	-
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				-	-
-	-	-	-	(9,579,080)	-
-	-	-	-	(188,851)	-
-	-	-	-	(9,767,932)	-
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-	-	-	-	(455,849)	-
-	-	-	-	(55,119,021)	-
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-	-	-	-	(66,914,257)	-
-	-	-	-	(10,159,323)	-
-	-	-	-	(2,510,354)	-
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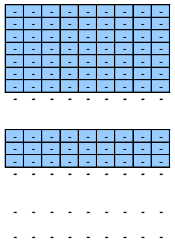
-	-	-	-	(3,369,744)	-
-	-	-	-	(510,622)	-
-	-	-	-	(807,510)	-
-	-	-	-	(28,007)	-
-	-	-	-	(641,731)	-
-	-	-	-	-	-
-	-	-	-	(665,676)	-
-	-	-	-	(240,750)	-
-	-	-	-	(156,784)	-
-	-	-	-	(133,284)	-
-	-	-	-	(6,554,108)	-
				-	-
-	-	-	-	(158,732,601)	-
				-	-

NET PLANT	**321,451,321**	-	**5,958,334**	**118,654**	**196,205,838**	**119,168,495**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
		-																		
Rate Base Adjustments		-																		
		-																		
Additions		-																		
Gas Materials and Supplies	6,948,817	-	229,803	4,633	3,770,022	2,944,359	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gas Stored Underground - Current A/C 164	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LNG Inventory - Current A/C 164	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gas Stored Underground - Non-Current A/C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cash Working Capital (Other)	2,725,860	-	137,187	(1,977)	1,427,958	1,239,765	(135,914)	-	-	29,536	-	28,858	448	-	-	-	-	-	-	-
Cash Working Capital (Gas)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prepayments	2,733,433	-	90,397	1,823	1,483,001	1,158,213	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***12,408,110***	-	***457,386***	***4,479***	***6,680,982***	***5,342,336***	***(135,914)***	***-***	***-***	***29,536***	***-***	***28,858***	***448***	***-***	***-***	***-***	***-***	***-***	***-***	***-***
		-																		
Deductions		-																		
Customer Deposits	(1,775,750)	-	-	-	-	(1,775,750)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interest on Customer Deposits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accum. Deferred Income Taxes	(80,054,998)	-	(2,647,479)	(53,377)	(43,433,167)	(33,920,975)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***(81,830,748)***	-	***(2,647,479)***	***(53,377)***	***(43,433,167)***	***(35,696,725)***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***
		-																		
		-																		
TOTAL RATE BASE ADJ.	**(69,422,638)**	-	**(2,190,093)**	**(48,899)**	**(36,752,186)**	**(30,354,388)**	**(135,914)**	**-**	**-**	**29,536**	**-**	**28,858**	**448**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
		-																		
TOTAL RATE BASE	**252,028,683**	-	**3,768,241**	**69,755**	**159,453,652**	**88,814,107**	**(135,914)**	**-**	**-**	**29,536**	**-**	**28,858**	**448**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
		-																		



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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,770,022	2,944,359	-	6,714,381	-	-	-	-	234,436	-	-	234,436
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,427,958	1,239,765	29,536	2,697,259	-	-	-	-	135,210	-	(135,467)	(257)
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,680,982	5,342,336	29,536	12,052,854	-	-	-	-	461,865	-	(135,467)	326,398
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(1,775,750)	-	(1,775,750)	-	-	-	-	-	-	-	-
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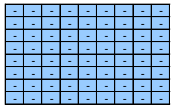
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(43,433,167)	(35,696,725)	-	(79,129,892)	-	-	-	-	(2,700,856)	-	-	(2,700,856)
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(36,752,186)	(30,354,388)	29,536	(67,077,038)	-	-	-	-	(2,238,992)	-	(135,467)	(2,374,458)
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	159,453,652	88,814,107	29,536	248,297,295	-	-	-	-	3,837,997	-	(135,467)	3,702,530

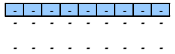
-	-	-	-	321,451,321	-
				-	-
				-	-
				-	-
				-	-
-	-	-	-	6,948,817	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	28,858	28,858	2,725,860	-
-	-	-	-	-	-
-	-	-	-	2,733,433	-
-	**-**	***28,858***	***28,858***	12,408,110	-
				-	-
				-	-
-	-	-	-	(1,775,750)	-
-	-	-	-	-	-
-	-	-	-	(80,054,998)	-
-	**-**	**-**	**-**	(81,830,748)	-
				-	-
				-	-
-	**-**	**28,858**	**28,858**	(69,422,638)	-
				-	-
-	**-**	**28,858**	**28,858**	252,028,683	-
				-	-

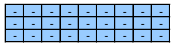
EXPENSES

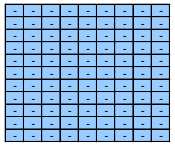
O & M Expenses

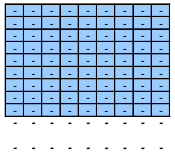
Production (LPG LNG) - Operation																			
Supervision	333,238	-	333,238	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LPG - Production	263,598	-	263,598	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LPG - Materials	46,178	-	46,178	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gas Mixing & Misc Exp - Keene	(23,701)	-	-	(23,701)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Misc. Prod. Exp.	388,258	-	388,258	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operation Labor & Expenses	2,543	-	2,543	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	4,296	-	4,296	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indirect Expenses	(1,992,581)	-	-	-	-	(1,992,581)	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***(978,172)***	-	***1,038,110***	***(23,701)***	-	-	***(1,992,581)***	-	-	-	-	-	-	-	-	-	-	-	-
Production (LPG LNG) - Maintenance																			
Maint. of Prod. Equip	72,133	-	72,133	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***72,133***	-	***72,133***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Production	***(906,039)***	-	***1,110,243***	***(23,701)***	-	-	***(1,992,581)***	-	-	-	-	-	-	-	-	-	-	-	-
Purchased Gas Expenses																			
Gas Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Storage Gas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Gas Supply	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution Operation Expenses																			
Operation Supervision & Engineering	1,725,207	-	-	-	1,333,485	391,722	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution Load Dispatch	252,649	-	-	-	252,649	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Compressor Station Expense	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mains & Services Expenses	4,899,898	-	-	-	4,899,898	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M&R Station Expenses - General	160,140	-	-	-	160,140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M&R Station Expenses - Industrial	14,536	-	-	-	14,536	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M&R Station Expenses - City Gate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meter & House Regulator Expenses	1,800,052	-	-	-	-	1,800,052	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Installation Expenses	58,893	-	-	-	-	58,893	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Expenses	988,828	-	-	-	988,828	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rents	12,098	-	-	-	12,098	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***9,912,299***	-	-	-	***7,661,633***	***2,250,667***	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution Maintenance Expenses																			
Maint. Supervision & Engineering	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. of Structures & Improv.	123,257	-	-	-	123,257	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. of Mains	1,673,937	-	-	-	1,673,937	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. of M&R Station Equip. - General	55,977	-	-	-	55,977	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. of M&R Station Equip. - Industrial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. of M&R Station Equip. - City Gate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. of Services	678,014	-	-	-	-	678,014	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. of Meters & House Regulators	310,270	-	-	-	-	310,270	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. of Other Equip.	13,686	-	-	-	13,686	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***2,855,141***	-	-	-	***1,866,857***	***988,284***	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Distribution	***12,767,440***	-	-	-	***9,528,489***	***3,238,951***	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Account																			
Supervision	199,462	-	-	-	-	199,462	-	-	-	-	-	-	-	-	-	-	-	-	-
Meter Reading	408,042	-	-	-	-	408,042	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Records & Collection	3,902,071	-	-	-	-	3,902,071	-	-	-	-	-	-	-	-	-	-	-	-	-
Uncollectable Accounts - Delivery	1,482,816	-	-	-	-	-	-	-	-	1,482,816	-	-	-	-	-	-	-	-	-
Uncollectable Accounts - Production	22,466	-	-	-	-	-	-	-	-	-	22,466	-	-	-	-	-	-	-	-
Misc. Customer Accounts	(19,398)	-	-	-	-	(19,398)	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***5,995,459***	-	-	-	-	***4,490,176***	-	-	-	***1,482,816***	***22,466***	-	-	-	-	-	-	-	-
Customer Service & Information Expenses																			
Customer Assistance Expense	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Misc Customer Assistance Expense	2,521	-	-	-	-	2,521	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***2,521***	-	-	-	-	***2,521***	-	-	-	-	-	-	-	-	-	-	-	-	-
Sales Expenses																			
Demostrating & Selling Expenses	160,782	-	-	-	-	160,782	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***160,782***	-	-	-	-	***160,782***	-	-	-	-	-	-	-	-	-	-	-	-	-
Administrative and General Expenses																			
Administrative & General Salaries	4,878,391	-	217,723	(3,998)	2,344,001	2,320,666	-	-	-	-	-	-	-	-	-	-	-	-	-
A&G Salaries - Energy Procurement	641,584	-	-	-	-	-	-	-	-	-	-	641,584	-	-	-	-	-	-	-
Office Supplies	1,219,159	-	54,411	(999)	585,789	579,958	-	-	-	-	-	-	-	-	-	-	-	-	-
Office Supplies - Energy Procurement	69,699	-	-	-	-	-	-	-	-	-	-	69,699	-	-	-	-	-	-	-
A&G Transferred	(7,749,920)	-	(315,633)	5,796	(3,398,098)	(3,364,270)	-	-	-	(261,868)	-	(411,880)	(3,968)	-	-	-	-	-	-
A&G Transferred - Energy Procurement	(258,003)	-	-	-	-	-	-	-	-	-	-	(258,003)	-	-	-	-	-	-	-
Outside Services	3,980,056	-	177,630	(3,262)	1,912,363	1,893,325	-	-	-	-	-	-	-	-	-	-	-	-	-
Outside Serv. - Gas Acquistion	381,674	-	-	-	-	-	-	-	-	-	-	381,674	-	-	-	-	-	-	-
Property Insurance	35,930	-	1,604	(29)	17,264	17,092	-	-	-	-	-	-	-	-	-	-	-	-	-
Injuries & Damages	1,074,851	-	47,971	(881)	516,451	511,310	-	-	-	-	-	-	-	-	-	-	-	-	-
Employee Pension & Benefits	7,227,581	-	322,567	(5,923)	3,472,755	3,438,183	-	-	-	-	-	-	-	-	-	-	-	-	-
Regulatory Commission - Delivery	694,888	-	-	-	-	-	-	-	-	694,888	-	-	-	-	-	-	-	-	-
Regulatory Commission - Production	10,528	-	-	-	-	-	-	-	-	-	-	-	10,528	-	-	-	-	-	-
Misc. General Expenses	70,770	-	3,158	(58)	34,004	33,665	-	-	-	-	-	-	-	-	-	-	-	-	-
Office Rent	146,051	-	6,518	(120)	70,176	69,477	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance of General Plant	133,881	-	5,975	(110)	64,326	63,687	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance of General Plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***12,557,120***	-	***521,925***	***(9,584)***	***5,619,032***	***5,563,093***	-	-	-	***433,020***	-	***423,074***	***6,561***	-	-	-	-	-	-
TOTAL O & M EXPENSES	**30,577,282**	-	**1,632,167**	**(33,285)**	**15,147,521**	**13,455,523**	**(1,992,581)**	-	-	**1,915,836**	**22,466**	**423,074**	**6,561**	-	-	-	-	-	-

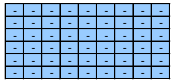


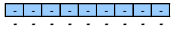


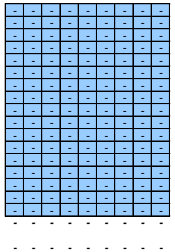












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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	263,598	-	-	263,598
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46,178	-	-	46,178
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	***72,133***	-	-	***72,133***
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	516,451	511,310	-	1,027,761	-	-	-	-	47,090	-	-	47,090
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**15,147,521**	**13,455,523**	**1,915,836**	**30,518,879**	-	-	-	-	**1,598,882**	-	**(1,986,020)**	**(387,138)**

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-	-	-	-	333,238	-
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-	-	-	-	46,178	-
-	-	-	-	(23,701)	-
-	-	-	-	388,258	-
-	-	-	-	2,543	-
-	-	-	-	4,296	-
-	-	-	-	(1,992,581)	-
-	-	-	-	(978,172)	-
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-	-	-	-	72,133	-
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-	-	-	-	4,899,898	-
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-	-	-	-	58,893	-
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-	-	-	-	12,098	-
-	-	-	-	9,912,299	-
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-	-	-	-	123,257	-
-	-	-	-	1,673,937	-
-	-	-	-	55,977	-
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-	-	-	-	310,270	-
-	-	-	-	13,686	-
-	-	-	-	2,855,141	-
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-	-	-	-	12,767,440	-
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-	-	-	-	199,462	-
-	-	-	-	408,042	-
-	-	-	-	3,902,071	-
-	-	-	-	1,482,816	-
-	-	22,466	22,466	22,466	-
-	-	-	-	(19,398)	-
-	-	***22,466***	***22,466***	5,995,459	-
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-	-	-	-	2,521	-
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-	-	-	-	160,782	-
-	-	-	-	160,782	-
				-	-
				-	-
-	-	-	-	4,878,391	-
-	-	641,584	641,584	641,584	-
-	-	-	-	1,219,159	-
-	-	69,699	69,699	69,699	-
-	-	(411,880)	(411,880)	(7,749,920)	-
-	-	(258,003)	(258,003)	(258,003)	-
-	-	-	-	3,980,056	-
-	-	381,674	381,674	381,674	-
-	-	-	-	35,930	-
-	-	-	-	1,074,851	-
-	-	-	-	7,227,581	-
-	-	-	-	694,888	-
-	-	-	-	10,528	-
-	-	-	-	70,770	-
-	-	-	-	146,051	-
-	-	-	-	133,881	-
-	-	-	-	-	-
-	-	***423,074***	***423,074***	12,557,120	-
				-	-
-	-	**445,541**	**445,541**	30,577,282	-

Labor Expense

Production - Operation																				
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Supervision	299,027	299,027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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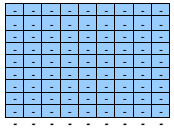
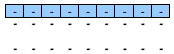
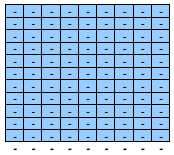
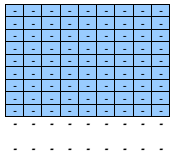
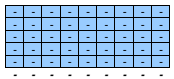
LPG - Production	13,574	13,574	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LPG - Materials	194,832	194,832	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gas Mixing & Misc Exp - Keene	(9,365)	-	(9,365)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Misc. Prod. Exp.	2,543	2,543	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operation Labor & Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***500,612***	***509,977***	***(9,365)***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Production - Maintenance																				
Maint. of Prod. Equip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	**-**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Production	***500,612***	***509,977***	***(9,365)***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Distribution Operation Expenses																				
Operation Supervision & Engineering	847,506	-	-	655,073	192,433	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Distribution Load Dispatch	215,372	-	-	215,372	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Compressor Station Expense	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mains & Services Expenses	3,237,065	-	-	3,237,065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M&R Station Expenses - General	129,841	-	-	129,841	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M&R Station Expenses - Industrial	9,569	-	-	9,569	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M&R Station Expenses - City Gate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meter & House Regulator Expenses	1,521,556	-	-	-	1,521,556	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Installation Expenses	17,889	-	-	-	17,889	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Expenses	468,781	-	-	468,781	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rents	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***6,447,579***	**-**	**-**	***4,715,701***	***1,731,879***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Distribution Maintenance Expenses																				
Maint. Supervision & Engineering	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. of Structures & Improv.	83,216	-	-	83,216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. of Mains	656,606	-	-	656,606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. of M&R Station Equip. - General	30,851	-	-	30,851	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. of M&R Station Equip. - Industrial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. of M&R Station Equip. - City Gate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. of Services	367,661	-	-	-	367,661	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. of Meters & House Regulators	196,372	-	-	-	196,372	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maint. of Other Equip.	4,029	-	-	4,029	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***1,338,735***	**-**	**-**	***774,702***	***564,033***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total Distribution	***7,786,315***	**-**	**-**	***5,490,403***	***2,295,912***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Customer Account																				
Supervision	185,091	-	-	-	185,091	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meter Reading	386,682	-	-	-	386,682	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Customer Records & Collection	2,448,098	-	-	-	2,448,098	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Uncollectable Accounts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Misc. Customer Accounts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***3,019,870***	**-**	**-**	**-**	***3,019,870***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Customer Service & Information Expenses																				
Customer Assistance Expense	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Misc Customer Assistance Expense	3,994	-	-	-	3,994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***3,994***	**-**	**-**	**-**	***3,994***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Sales Expenses																				
Demostrating & Selling Expenses	115,969	-	-	-	115,969	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***115,969***	**-**	**-**	**-**	***115,969***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
TOTAL O & M LABOR EXP.	**11,426,760**	**509,977**	**(9,365)**	**5,490,403**	**5,435,745**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

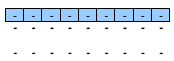












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-	-	-	-	7,786,315	-
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Depreciation Expense																					
Intangible Plant																					
Organizational Expense	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Franchise & Consents	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Misc. Intangible Plant	2,378,512	106,153	(1,949)	1,142,843	1,131,465	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***2,378,512***	***106,153***	***(1,949)***	***1,142,843***	***1,131,465***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production Plant																					
Production Plant EN	389,879	389,879	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production Plant Keene	66,241	-	66,241	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***456,120***	***389,879***	***66,241***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other																					
Depr Amort of Reserve Surplus	(933,588)	(31,206)	(580)	(504,731)	(397,071)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Regulatory Debits	181,327	7,537	(138)	81,140	80,332	-	-	-	6,253	-	6,109	95	-	-	-	-	-	-	-	-	-
Amort. Of Regulatory Asset	3,854,214	172,014	(3,159)	1,851,897	1,833,461	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ratemaking Adjustment	(1,325,000)	(43,819)	(883)	(718,868)	(561,430)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	1,776,953	***104,526***	***(4,761)***	***709,438***	***955,292***	-	-	-	***6,253***	-	***6,109***	***95***	-	-	-	-	-	-	-	-	-
Distribution Plant																					
Land & Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M&R Stations	17,837	-	-	17,837	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mains	4,532,743	-	-	4,532,743	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Compressor Station Equipment	141,154	-	-	141,154	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Services	5,248,167	-	-	-	5,248,167	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meters & Installations	857,975	-	-	-	857,975	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meters Installations	449,468	-	-	-	449,468	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Equipment	51,674	-	-	51,674	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***11,299,019***	-	-	***4,743,409***	***6,555,610***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
General Plant Plant																					
Land & Land Rights	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Structures & Improvements	642,361	28,669	(526)	308,646	305,573	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Office Furniture & Equipment	345,644	15,426	(283)	166,077	164,424	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transportation Equipment	534,213	23,842	(438)	256,682	254,127	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stores Equipment	3,311	148	(3)	1,591	1,575	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tools, Shop & Garage Equip.	65,199	2,910	(53)	31,327	31,015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laboratory Equip.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Power Operated Equip.	131,974	5,890	(108)	63,412	62,780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Communication Equip.	55,599	2,481	(46)	26,715	26,449	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous Equip.	24,986	1,115	(20)	12,006	11,886	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***1,803,288***	***80,481***	***(1,478)***	***866,455***	***857,830***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL DEPRECIATION EXPENSES	**17,713,892**	**681,039**	**58,053**	**7,462,145**	**9,500,198**	-	-	-	**6,253**	-	**6,109**	**95**	-	-	-	-	-	-	-	-	-
Interest and Other Expenses																					
Interest Expense	5,576,135	83,372	1,543	3,527,912	1,965,012	(3,007)	-	-	653	-	638	10	-	-	-	-	-	-	-	-	-
Sub-total	***5,576,135***	***83,372***	***1,543***	***3,527,912***	***1,965,012***	***(3,007)***	-	-	***653***	-	***638***	***10***	-	-	-	-	-	-	-	-	-
TOTAL INTEREST AND OTHER EXPENSE	**5,576,135**	**83,372**	**1,543**	**3,527,912**	**1,965,012**	**(3,007)**	-	-	**653**	-	**638**	**10**	-	-	-	-	-	-	-	-	-
Taxes Other Than Income Taxes																					
Payroll	1,713,204	76,460	(1,404)	823,171	814,976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Property	9,181,806	306,909	5,703	4,964,014	3,905,180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	***10,895,009***	***383,369***	***4,299***	***5,787,185***	***4,720,156***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL TAXES OTHER THAN INCOME TA	**10,895,009**	**383,369**	**4,299**	**5,787,185**	**4,720,156**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Additions to Operating Income																					
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TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Deductions from Operating Income																					
Ratemaking Adjustment	(1,325,000)	(19,811)	(367)	(838,302)	(466,926)	715	-	-	(155)	-	(152)	(2)	-	-	-	-	-	-	-	-	-
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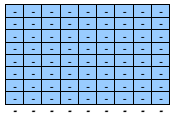
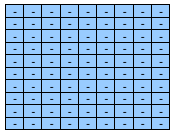
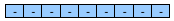
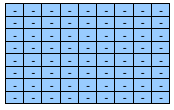
TOTAL	***(1,325,000)***	***(19,811)***	***(367)***	***(838,302)***	***(466,926)***	***715***	-	-	***(155)***	-	***(152)***	***(2)***	-	-	-	-	-	-	-	-	-
Net Additions/Deductions to Oper. Inc.	**(1,325,000)**	**(19,811)**	**(367)**	**(838,302)**	**(466,926)**	**715**	-	-	**(155)**	-	**(152)**	**(2)**	-	-	-	-	-	-	-	-	-
Other																					
Interest on Customer Deposits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Income Taxes																					
Income Taxes	2,157,769	32,262	597	1,365,179	760,391	(1,164)	-	-	253	-	247	4	-	-	-	-	-	-	-	-	-
TOTAL	***2,157,769***	***32,262***	***597***	***1,365,179***	***760,391***	***(1,164)***	-	-	***253***	-	***247***	***4***	-	-	-	-	-	-	-	-	-

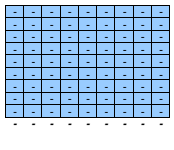
END

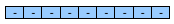












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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(718,868)	(561,430)	-	(1,280,298)	-	-	-	-	(44,702)	-	-	(44,702)
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,591	1,575	-	3,166	-	-	-	-	145	-	-	145
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**7,462,145**	**9,500,198**	**6,253**	**16,968,596**	-	-	-	-	**739,092**	-	**95**	**739,187**
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,527,912	1,965,012	653	5,493,578	-	-	-	-	84,916	-	(2,997)	81,918
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	***3,527,912***	***1,965,012***	***653***	***5,493,578***	-	-	-	-	***84,916***	-	***(2,997)***	***81,918***
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**3,527,912**	**1,965,012**	**653**	**5,493,578**	-	-	-	-	**84,916**	-	**(2,997)**	**81,918**
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	823,171	814,976	-	1,638,147	-	-	-	-	75,056	-	-	75,056
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,964,014	3,905,180	-	8,869,194	-	-	-	-	312,611	-	-	312,611
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	***5,787,185***	***4,720,156***	-	***10,507,341***	-	-	-	-	***387,668***	-	-	***387,668***
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**5,787,185**	**4,720,156**	-	**10,507,341**	-	-	-	-	**387,668**	-	-	**387,668**
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-	-	-	-	389,879	-
-	-	-	-	66,241	-
-	-	-	-	456,120	-
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-	-	-	-	(933,588)	-
-	-	6,109	6,109	181,327	-
-	-	-	-	3,854,214	-
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-	-	***6,109***	***6,109***	1,776,953	-
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-	-	-	-	17,837	-
-	-	-	-	4,532,743	-
-	-	-	-	141,154	-
-	-	-	-	5,248,167	-
-	-	-	-	857,975	-
-	-	-	-	449,468	-
-	-	-	-	51,674	-
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-	-	-	-	345,644	-
-	-	-	-	534,213	-
-	-	-	-	3,311	-
-	-	-	-	65,199	-
-	-	-	-	-	-
-	-	-	-	131,974	-
-	-	-	-	55,599	-
-	-	-	-	24,986	-
-	-	-	-	1,803,288	-
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-	-	**6,109**	**6,109**	17,713,892	-
				-	-
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-	-	638	638	5,576,135	-
-	-	***638***	***638***	5,576,135	-
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-	-	**638**	**638**	5,576,135	-
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-	-	-	-	1,713,204	-
-	-	-	-	9,181,806	-
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-	-	**(152)**	**(152)**	(1,325,000)	-
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				-	-
-	-	247	247	2,157,769	-
-	-	***247***	***247***	2,157,769	-
				-	-

Operating Revenues

Distribution Rate Revenue	70,681,266	-	-	-	-	-	-	-	-	-	-	-	-	70,681,266	-	-	-	-	-
Late Payment Charges - Delivery	435,860	-	-	-	-	-	-	-	-	435,860	-	-	-	-	-	-	-	-	-
Late Payment Charges - Production	6,604	-	-	-	-	-	-	-	-	-	-	-	-	-	6,604	-	-	-	-
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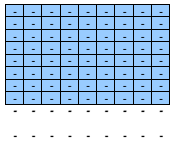
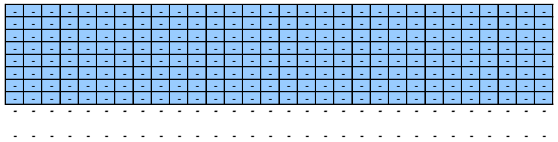
Connect/Reconnect Fees	400,285	-	-	-	-	400,285	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Revenues	38,510	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38,510	-	-	-
Sub-total	***71,562,525***	-	**-**	**-**	**-**	***400,285***	**-**	**-**	**-**	***435,860***	**-**	**-**	**-**	***70,681,266***	***6,604***	***38,510***	**-**	**-**	**-**
		-																	
TOTAL	**71,562,525**	-	**-**	**-**	**-**	**400,285**	**-**	**-**	**-**	**435,860**	**-**	**-**	**-**	**70,681,266**	**6,604**	**38,510**	**-**	**-**	**-**
		-																	





Function	Class	Func/Class	Allocator	Class Category Line Ref.	Total		5 Delivery Costs	6 Direct Gas Costs	7 Production Costs	8 Misc. Costs
RATE BASE										
F PRODU	DEM	F PRODU DEM	DPROD		3,768,241	-	327,837	-	3,440,404	-
F PRODU	DEM	F PRODU DEM	DPROD K		69,755	-	69,755	-	-	-
F DISTR	DEM	F DISTR DEM	DIST		159,453,652	-	159,453,652	-	-	-
F DISTR	CUS	F DISTR CUS	CUST		88,814,107	-	88,814,107	-	-	-
F PRODU	COM	F PRODU COM	INDIRECT		(135,914)	-	-	-	(135,016)	(898)
F GASPL	COM	F GASPL COM	GASCOST		-	-	-	-	-	-
F GASPL	COM	F GASPL COM	GASSPLY		-	-	-	-	-	-
F DISTR	COM	F DISTR COM	PREV DEL		29,536	-	29,536	-	-	-
F MISCI	COM	F MISCI COM	PREV PROD		-	-	-	-	-	-
F MISCI	COM	F MISCI COM	GASSPLY		28,858	-	-	-	-	28,858
F PRODU	COM	F PRODU COM	REG COMM		448	-	-	-	-	448
F DISTR	COM	F DISTR COM	CUR REV		-	-	-	-	-	-
F PRODU	COM	F PRODU COM	PREV PROD		-	-	-	-	-	-
F DISTR	COM	F DISTR COM	OTH REV		-	-	-	-	-	-
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	F DISTR					-				
		DEM			159,453,652	-	159,453,652	-	-	-
		CUS			88,814,107	-	88,814,107	-	-	-
		COM			29,536	-	29,536	-	-	-
					248,297,295	-	***248,297,295***	-	-	-
	F GASPL					-				
		DEM			-	-	-	-	-	-
		CUS			-	-	-	-	-	-
		COM			-	-	-	-	-	-
		Sub-total			-	-	-	-	-	-
	F PRODU					-				
		DEM			3,837,997	-	397,592	-	3,440,404	-
		CUS			-	-	-	-	-	-
		COM			(135,467)	-	-	-	(135,016)	(450)
		Sub-total			***3,702,530***	-	***397,592***	-	***3,305,388***	***(450)***
	F MISCI					-				
		DEM			-	-	-	-	-	-
		CUS			-	-	-	-	-	-
		COM			28,858	-	-	-	-	28,858
		Sub-total			***28,858***	-	-	-	-	***28,858***
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	RATE BASE					-				
		DEM		-	163,291,649	-	159,851,244	-	3,440,404	-
		CUS		-	88,814,107	-	88,814,107	-	-	-
		COM		-	(77,072)	-	29,536	-	(135,016)	28,408
		TOTAL		-	**252,028,683**	-	**248,694,888**	-	**3,305,388**	**28,408**
Plant in Service										
F PRODU	DEM	F PRODU DEM	DPROD		16,050,497	-	1,396,393	-	14,654,104	-
F PRODU	DEM	F PRODU DEM	DPROD K		298,248	-	298,248	-	-	-
F DISTR	DEM	F DISTR DEM	DIST		259,604,697	-	259,604,697	-	-	-
F DISTR	CUS	F DISTR CUS	CUST		204,230,480	-	204,230,480	-	-	-
F PRODU	COM	F PRODU COM	INDIRECT		-	-	-	-	-	-
F GASPL	COM	F GASPL COM	GASCOST		-	-	-	-	-	-
F GASPL	COM	F GASPL COM	GASSPLY		-	-	-	-	-	-
F DISTR	COM	F DISTR COM	PREV DEL		-	-	-	-	-	-
F MISCI	COM	F MISCI COM	PREV PROD		-	-	-	-	-	-
F MISCI	COM	F MISCI COM	GASSPLY		-	-	-	-	-	-
F PRODU	COM	F PRODU COM	REG COMM		-	-	-	-	-	-
F DISTR	COM	F DISTR COM	CUR REV		-	-	-	-	-	-
F PRODU	COM	F PRODU COM	PREV PROD		-	-	-	-	-	-
F DISTR	COM	F DISTR COM	OTH REV		-	-	-	-	-	-
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	F DISTR					-				
		DEM			259,604,697	-	259,604,697	-	-	-
		CUS			204,230,480	-	204,230,480	-	-	-
		COM			-	-	-	-	-	-
					463,835,177	-	***463,835,177***	-	-	-
	F GASPL					-				
		DEM			-	-	-	-	-	-
		CUS			-	-	-	-	-	-
		COM			-	-	-	-	-	-
		Sub-total			-	-	-	-	-	-
	F PRODU					-				
		DEM			16,348,745	-	1,694,641	-	14,654,104	-
		CUS			-	-	-	-	-	-
		COM			-	-	-	-	-	-
		Sub-total			***16,348,745***	-	***1,694,641***	-	***14,654,104***	-
	F MISCI					-				
		DEM			-	-	-	-	-	-
		CUS			-	-	-	-	-	-
		COM			-	-	-	-	-	-
		Sub-total			-	-	-	-	-	-
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	Plant in Service					-				
		DEM		-	275,953,443	-	261,299,339	-	14,654,104	-
		CUS		-	204,230,480	-	204,230,480	-	-	-
		COM		-	-	-	-	-	-	-
		TOTAL		-	**480,183,923**	-	**465,529,818**	-	**14,654,104**	-

Accumulated Reserve for Depreciation

F PRODU	DEM	F PRODU DEM	DPROD	(10,092,163)	(878,018)	-	(9,214,145)	-
F PRODU	DEM	F PRODU DEM	DPROD K	(179,594)	(179,594)	-	-	-
F DISTR	DEM	F DISTR DEM	DIST	(63,398,860)	(63,398,860)	-	-	-
F DISTR	CUS	F DISTR CUS	CUST	(85,061,984)	(85,061,984)	-	-	-
F PRODU	COM	F PRODU COM	INDIRECT	-	-	-	-	-
F GASPL	COM	F GASPL COM	GASCOST	-	-	-	-	-
F GASPL	COM	F GASPL COM	GASSPLY	-	-	-	-	-
F DISTR	COM	F DISTR COM	PREV DEL	-	-	-	-	-
F MISCI	COM	F MISCI COM	PREV PROD	-	-	-	-	-
F MISCI	COM	F MISCI COM	GASSPLY	-	-	-	-	-
F PRODU	COM	F PRODU COM	REG COMM	-	-	-	-	-
F DISTR	COM	F DISTR COM	CUR REV	-	-	-	-	-
F PRODU	COM	F PRODU COM	PREV PROD	-	-	-	-	-
F DISTR	COM	F DISTR COM	OTH REV	-	-	-	-	-
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F DISTR

DEM	(63,398,860)	(63,398,860)	-	-	-
CUS	(85,061,984)	(85,061,984)	-	-	-
COM	-	-	-	-	-
	(148,460,844)	***(148,460,844)***	-	-	-

F GASPL

DEM	-	-	-	-	-
CUS	-	-	-	-	-
COM	-	-	-	-	-
Sub-total	-	-	-	-	-

F PRODU

DEM	(10,271,757)	(1,057,612)	-	(9,214,145)	-
CUS	-	-	-	-	-
COM	-	-	-	-	-
Sub-total	***(10,271,757)***	***(1,057,612)***	-	***(9,214,145)***	-

F MISCI

DEM	-	-	-	-	-
CUS	-	-	-	-	-
COM	-	-	-	-	-
Sub-total	-	-	-	-	-

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Accumulated Reserve for Depreciation

DEM	(73,670,617)	(64,456,472)	-	(9,214,145)	-
CUS	(85,061,984)	(85,061,984)	-	-	-
COM	-	-	-	-	-
TOTAL	**(158,732,601)**	**(149,518,456)**	-	**(9,214,145)**	-

Rate Base Adjustments

F PRODU	DEM	F PRODU DEM	DPROD	(2,190,093)	(190,538)	-	(1,999,555)	-
F PRODU	DEM	F PRODU DEM	DPROD K	(48,899)	(48,899)	-	-	-
F DISTR	DEM	F DISTR DEM	DIST	(36,752,186)	(36,752,186)	-	-	-
F DISTR	CUS	F DISTR CUS	CUST	(30,354,388)	(30,354,388)	-	-	-
F PRODU	COM	F PRODU COM	INDIRECT	(135,914)	-	-	(135,016)	(898)
F GASPL	COM	F GASPL COM	GASCOST	-	-	-	-	-
F GASPL	COM	F GASPL COM	GASSPLY	-	-	-	-	-
F DISTR	COM	F DISTR COM	PREV DEL	29,536	29,536	-	-	-
F MISCI	COM	F MISCI COM	PREV PROD	-	-	-	-	-
F MISCI	COM	F MISCI COM	GASSPLY	28,858	-	-	-	28,858
F PRODU	COM	F PRODU COM	REG COMM	448	-	-	-	448
F DISTR	COM	F DISTR COM	CUR REV	-	-	-	-	-
F PRODU	COM	F PRODU COM	PREV PROD	-	-	-	-	-
F DISTR	COM	F DISTR COM	OTH REV	-	-	-	-	-
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F DISTR

DEM	(36,752,186)	(36,752,186)	-	-	-
CUS	(30,354,388)	(30,354,388)	-	-	-
COM	29,536	29,536	-	-	-
	(67,077,038)	***(67,077,038)***	-	-	-

F GASPL

DEM	-	-	-	-	-
CUS	-	-	-	-	-
COM	-	-	-	-	-
Sub-total	-	-	-	-	-

F PRODU

DEM	(2,238,992)	(239,437)	-	(1,999,555)	-
CUS	-	-	-	-	-
COM	(135,467)	-	-	(135,016)	(450)
Sub-total	***(2,374,458)***	***(239,437)***	-	***(2,134,571)***	***(450)***

F MISCI

DEM	-	-	-	-	-
CUS	-	-	-	-	-
COM	28,858	-	-	-	28,858
Sub-total	***28,858***	-	-	-	***28,858***

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Rate Base Adjustments

DEM	(38,991,177)	(36,991,622)	-	(1,999,555)	-
CUS	(30,354,388)	(30,354,388)	-	-	-
COM	(77,072)	29,536	-	(135,016)	28,408
TOTAL	**(69,422,638)**	**(67,316,474)**	-	**(2,134,571)**	**28,408**

O & M EXPENSES

F PRODU	DEM	F PRODU DEM	DPROD	1,632,167	-	141,999	-	1,490,169	-
F PRODU	DEM	F PRODU DEM	DPROD K	(33,285)	-	(33,285)	-	-	-
F DISTR	DEM	F DISTR DEM	DIST	15,147,521	-	15,147,521	-	-	-
F DISTR	CUS	F DISTR CUS	CUST	13,455,523	-	13,455,523	-	-	-
F PRODU	COM	F PRODU COM	INDIRECT	(1,992,581)	-	-	-	(1,979,418)	(13,163)
F GASPL	COM	F GASPL COM	GASCOST	-	-	-	-	-	-
F GASPL	COM	F GASPL COM	GASSPLY	-	-	-	-	-	-
F DISTR	COM	F DISTR COM	PREV DEL	1,915,836	-	1,915,836	-	-	-
F MISCI	COM	F MISCI COM	PREV PROD	22,466	-	-	-	14,822	7,645
F MISCI	COM	F MISCI COM	GASSPLY	423,074	-	-	-	-	423,074
F PRODU	COM	F PRODU COM	REG COMM	6,561	-	-	-	-	6,561
F DISTR	COM	F DISTR COM	CUR REV	-	-	-	-	-	-
F PRODU	COM	F PRODU COM	PREV PROD	-	-	-	-	-	-
F DISTR	COM	F DISTR COM	OTH REV	-	-	-	-	-	-
~	~	~		-	-	-	-	-	-

F DISTR

		DEM		15,147,521	-	15,147,521	-	-	-
		CUS		13,455,523	-	13,455,523	-	-	-
		COM		1,915,836	-	1,915,836	-	-	-
		Sub-total		***30,518,879***	-	***30,518,879***	-	-	-

F GASPL

		DEM		-	-	-	-	-	-
		CUS		-	-	-	-	-	-
		COM		-	-	-	-	-	-
		Sub-total		-	-	-	-	-	-

F PRODU

		DEM		1,598,882	-	108,713	-	1,490,169	-
		CUS		-	-	-	-	-	-
		COM		(1,986,020)	-	-	-	(1,979,418)	(6,603)
		Sub-total		***(387,138)***	-	***108,713***	-	***(489,249)***	***(6,603)***

F MISCI

		DEM		-	-	-	-	-	-
		CUS		-	-	-	-	-	-
		COM		445,541	-	-	-	14,822	430,719
		Sub-total		***445,541***	-	-	-	***14,822***	***430,719***

O & M EXPENSES

		DEM		16,746,403	-	15,256,234	-	1,490,169	-
		CUS		13,455,523	-	13,455,523	-	-	-
		COM		375,356	-	1,915,836	-	(1,964,596)	424,117
		TOTAL		**30,577,282**	-	**30,627,593**	-	**(474,427)**	**424,117**

Purchased Gas Expenses

F PRODU	DEM	F PRODU DEM	DPROD	-	-	-	-	-	-
F PRODU	DEM	F PRODU DEM	DPROD K	-	-	-	-	-	-
F DISTR	DEM	F DISTR DEM	DIST	-	-	-	-	-	-
F DISTR	CUS	F DISTR CUS	CUST	-	-	-	-	-	-
F PRODU	COM	F PRODU COM	INDIRECT	-	-	-	-	-	-
F GASPL	COM	F GASPL COM	GASCOST	-	-	-	-	-	-
F GASPL	COM	F GASPL COM	GASSPLY	-	-	-	-	-	-
F DISTR	COM	F DISTR COM	PREV DEL	-	-	-	-	-	-
F MISCI	COM	F MISCI COM	PREV PROD	-	-	-	-	-	-
F MISCI	COM	F MISCI COM	GASSPLY	-	-	-	-	-	-
F PRODU	COM	F PRODU COM	REG COMM	-	-	-	-	-	-
F DISTR	COM	F DISTR COM	CUR REV	-	-	-	-	-	-
F PRODU	COM	F PRODU COM	PREV PROD	-	-	-	-	-	-
F DISTR	COM	F DISTR COM	OTH REV	-	-	-	-	-	-
~	~	~		-	-	-	-	-	-

F DISTR

		DEM		-	-	-	-	-	-
		CUS		-	-	-	-	-	-
		COM		-	-	-	-	-	-
		Sub-total		-	-	-	-	-	-

F GASPL

		DEM		-	-	-	-	-	-
		CUS		-	-	-	-	-	-
		COM		-	-	-	-	-	-
		Sub-total		-	-	-	-	-	-

F PRODU

		DEM		-	-	-	-	-	-
		CUS		-	-	-	-	-	-
		COM		-	-	-	-	-	-
		Sub-total		-	-	-	-	-	-

F MISCI

		DEM		-	-	-	-	-	-
		CUS		-	-	-	-	-	-
		COM		-	-	-	-	-	-
		Sub-total		-	-	-	-	-	-

Purchased Gas Expenses

		DEM		-	-	-	-	-	-
		CUS		-	-	-	-	-	-
		COM		-	-	-	-	-	-
		TOTAL		-	-	-	-	-	-

Depreciation Expense

F PRODU	DEM	F PRODU DEM	DPROD	681,039	59,250	-	621,789	-
F PRODU	DEM	F PRODU DEM	DPROD K	58,053	58,053	-	-	-
F DISTR	DEM	F DISTR DEM	DIST	7,462,145	7,462,145	-	-	-
F DISTR	CUS	F DISTR CUS	CUST	9,500,198	9,500,198	-	-	-
F PRODU	COM	F PRODU COM	INDIRECT	-	-	-	-	-
F GASPL	COM	F GASPL COM	GASCOST	-	-	-	-	-
F GASPL	COM	F GASPL COM	GASSPLY	-	-	-	-	-
F DISTR	COM	F DISTR COM	PREV DEL	6,253	6,253	-	-	-
F MISCI	COM	F MISCI COM	PREV PROD	-	-	-	-	-
F MISCI	COM	F MISCI COM	GASSPLY	6,109	-	-	-	6,109
F PRODU	COM	F PRODU COM	REG COMM	95	-	-	-	95
F DISTR	COM	F DISTR COM	CUR REV	-	-	-	-	-
F PRODU	COM	F PRODU COM	PREV PROD	-	-	-	-	-
F DISTR	COM	F DISTR COM	OTH REV	-	-	-	-	-
~	~	~		-	-	-	-	-

F DISTR								
	DEM			7,462,145	7,462,145	-	-	-
	CUS			9,500,198	9,500,198	-	-	-
	COM			6,253	6,253	-	-	-
	Sub-total			***16,968,596***	***16,968,596***	-	-	-
F GASPL								
	DEM			-	-	-	-	-
	CUS			-	-	-	-	-
	COM			-	-	-	-	-
	Sub-total			-	-	-	-	-
F PRODU								
	DEM			739,092	117,304	-	621,789	-
	CUS			-	-	-	-	-
	COM			95	-	-	-	95
	Sub-total			***739,187***	***117,304***	-	***621,789***	***95***
F MISCI								
	DEM			-	-	-	-	-
	CUS			-	-	-	-	-
	COM			6,109	-	-	-	6,109
	Sub-total			***6,109***	-	-	-	***6,109***
Depreciation Expense								
	DEM			8,201,237	7,579,449	-	621,789	-
	CUS			9,500,198	9,500,198	-	-	-
	COM			12,457	6,253	-	-	6,204
	TOTAL			**17,713,892**	**17,085,899**	-	**621,789**	**6,204**

Interest & Other Expenses

F PRODU	DEM	F PRODU DEM	DPROD	83,372	7,253	-	76,119	-
F PRODU	DEM	F PRODU DEM	DPROD K	1,543	1,543	-	-	-
F DISTR	DEM	F DISTR DEM	DIST	3,527,912	3,527,912	-	-	-
F DISTR	CUS	F DISTR CUS	CUST	1,965,012	1,965,012	-	-	-
F PRODU	COM	F PRODU COM	INDIRECT	(3,007)	-	-	(2,987)	(20)
F GASPL	COM	F GASPL COM	GASCOST	-	-	-	-	-
F GASPL	COM	F GASPL COM	GASSPLY	-	-	-	-	-
F DISTR	COM	F DISTR COM	PREV DEL	653	653	-	-	-
F MISCI	COM	F MISCI COM	PREV PROD	-	-	-	-	-
F MISCI	COM	F MISCI COM	GASSPLY	638	-	-	-	638
F PRODU	COM	F PRODU COM	REG COMM	10	-	-	-	10
F DISTR	COM	F DISTR COM	CUR REV	-	-	-	-	-
F PRODU	COM	F PRODU COM	PREV PROD	-	-	-	-	-
F DISTR	COM	F DISTR COM	OTH REV	-	-	-	-	-
~	~	~		-	-	-	-	-

F DISTR								
	DEM			3,527,912	3,527,912	-	-	-
	CUS			1,965,012	1,965,012	-	-	-
	COM			653	653	-	-	-
	Sub-total			***5,493,578***	***5,493,578***	-	-	-
F GASPL								
	DEM			-	-	-	-	-
	CUS			-	-	-	-	-
	COM			-	-	-	-	-
	Sub-total			-	-	-	-	-
F PRODU								
	DEM			84,916	8,797	-	76,119	-
	CUS			-	-	-	-	-
	COM			(2,997)	-	-	(2,987)	(10)
	Sub-total			***81,918***	***8,797***	-	***73,132***	***(10)***
F MISCI								
	DEM			-	-	-	-	-
	CUS			-	-	-	-	-
	COM			638	-	-	-	638
	Sub-total			***638***	-	-	-	***638***
Interest & Other Expenses								
	DEM			3,612,828	3,536,709	-	76,119	-
	CUS			1,965,012	1,965,012	-	-	-
	COM			(1,705)	653	-	(2,987)	629
	TOTAL			**5,576,135**	**5,502,375**	-	**73,132**	**629**

Taxes Other Than Income Taxes

F PRODU	DEM	F PRODU DEM	DPROD	383,369	33,353	-	350,016	-
F PRODU	DEM	F PRODU DEM	DPROD K	4,299	4,299	-	-	-
F DISTR	DEM	F DISTR DEM	DIST	5,787,185	5,787,185	-	-	-
F DISTR	CUS	F DISTR CUS	CUST	4,720,156	4,720,156	-	-	-
F PRODU	COM	F PRODU COM	INDIRECT	-	-	-	-	-
F GASPL	COM	F GASPL COM	GASCOST	-	-	-	-	-
F GASPL	COM	F GASPL COM	GASSPLY	-	-	-	-	-
F DISTR	COM	F DISTR COM	PREV DEL	-	-	-	-	-
F MISCI	COM	F MISCI COM	PREV PROD	-	-	-	-	-
F MISCI	COM	F MISCI COM	GASSPLY	-	-	-	-	-
F PRODU	COM	F PRODU COM	REG COMM	-	-	-	-	-
F DISTR	COM	F DISTR COM	CUR REV	-	-	-	-	-
F PRODU	COM	F PRODU COM	PREV PROD	-	-	-	-	-
F DISTR	COM	F DISTR COM	OTH REV	-	-	-	-	-
~	~	~		-	-	-	-	-

F DISTR

DEM	5,787,185	5,787,185	-	-	-
CUS	4,720,156	4,720,156	-	-	-
COM	-	-	-	-	-
Sub-total	***10,507,341***	***10,507,341***	-	-	-

F GASPL

DEM	-	-	-	-	-
CUS	-	-	-	-	-
COM	-	-	-	-	-
Sub-total	-	-	-	-	-

F PRODU

DEM	387,668	37,652	-	350,016	-
CUS	-	-	-	-	-
COM	-	-	-	-	-
Sub-total	***387,668***	***37,652***	-	***350,016***	-

F MISCI

DEM	-	-	-	-	-
CUS	-	-	-	-	-
COM	-	-	-	-	-
Sub-total	-	-	-	-	-

Taxes Other Than Income Taxes

DEM	6,174,853	5,824,837	-	350,016	-
CUS	4,720,156	4,720,156	-	-	-
COM	-	-	-	-	-
TOTAL	**10,895,009**	**10,544,993**	-	**350,016**	-

Net Additions/Deductions to Oper. Inc.

F PRODU	DEM	F PRODU DEM	DPROD	(19,811)	(1,724)	-	(18,087)	-
F PRODU	DEM	F PRODU DEM	DPROD K	(367)	(367)	-	-	-
F DISTR	DEM	F DISTR DEM	DIST	(838,302)	(838,302)	-	-	-
F DISTR	CUS	F DISTR CUS	CUST	(466,926)	(466,926)	-	-	-
F PRODU	COM	F PRODU COM	INDIRECT	715	-	-	710	5
F GASPL	COM	F GASPL COM	GASCOST	-	-	-	-	-
F GASPL	COM	F GASPL COM	GASSPLY	-	-	-	-	-
F DISTR	COM	F DISTR COM	PREV DEL	(155)	(155)	-	-	-
F MISCI	COM	F MISCI COM	PREV PROD	-	-	-	-	-
F MISCI	COM	F MISCI COM	GASSPLY	(152)	-	-	-	(152)
F PRODU	COM	F PRODU COM	REG COMM	(2)	-	-	-	(2)
F DISTR	COM	F DISTR COM	CUR REV	-	-	-	-	-
F PRODU	COM	F PRODU COM	PREV PROD	-	-	-	-	-
F DISTR	COM	F DISTR COM	OTH REV	-	-	-	-	-
~	~	~		-	-	-	-	-

F DISTR

DEM	(838,302)	(838,302)	-	-	-
CUS	(466,926)	(466,926)	-	-	-
COM	(155)	(155)	-	-	-
Sub-total	***(1,305,383)***	***(1,305,383)***	-	-	-

F GASPL

DEM	-	-	-	-	-
CUS	-	-	-	-	-
COM	-	-	-	-	-
Sub-total	-	-	-	-	-

F PRODU

DEM	(20,178)	(2,090)	-	(18,087)	-
CUS	-	-	-	-	-
COM	712	-	-	710	2
Sub-total	***(19,465)***	***(2,090)***	-	***(17,378)***	**2**

F MISCI

DEM	-	-	-	-	-
CUS	-	-	-	-	-
COM	(152)	-	-	-	(152)
Sub-total	***(152)***	-	-	-	***(152)***

Net Additions/Deductions to Oper. Inc.

DEM	(858,479)	(840,392)	-	(18,087)	-
CUS	(466,926)	(466,926)	-	-	-
COM	405	(155)	-	710	(149)
TOTAL	**(1,325,000)**	**(1,307,473)**	-	**(17,378)**	**(149)**

Other

F PRODU	DEM	F PRODU DEM	DPROD	-	-	-	-	-
F PRODU	DEM	F PRODU DEM	DPROD K	-	-	-	-	-
F DISTR	DEM	F DISTR DEM	DIST	-	-	-	-	-
F DISTR	CUS	F DISTR CUS	CUST	-	-	-	-	-
F PRODU	COM	F PRODU COM	INDIRECT	-	-	-	-	-
F GASPL	COM	F GASPL COM	GASCOST	-	-	-	-	-
F GASPL	COM	F GASPL COM	GASSPLY	-	-	-	-	-

F DISTR	COM	F DISTR COM	PREV DEL	-	-	-	-	-	-
F MISCI	COM	F MISCI COM	PREV PROD	-	-	-	-	-	-
F MISCI	COM	F MISCI COM	GASSPLY	-	-	-	-	-	-
F PRODU	COM	F PRODU COM	REG COMM	-	-	-	-	-	-
F DISTR	COM	F DISTR COM	CUR REV	-	-	-	-	-	-
F PRODU	COM	F PRODU COM	PREV PROD	-	-	-	-	-	-
F DISTR	COM	F DISTR COM	OTH REV	-	-	-	-	-	-
~	~	~		-	-	-	-	-	-
					-				
	F DISTR				-				
		DEM		-	-	-	-	-	-
		CUS		-	-	-	-	-	-
		COM		-	-	-	-	-	-
		Sub-total		-	-	-	-	-	-
					-				
	F GASPL				-				
		DEM		-	-	-	-	-	-
		CUS		-	-	-	-	-	-
		COM		-	-	-	-	-	-
		Sub-total		-	-	-	-	-	-
					-				
	F PRODU				-				
		DEM		-	-	-	-	-	-
		CUS		-	-	-	-	-	-
		COM		-	-	-	-	-	-
		Sub-total		-	-	-	-	-	-
					-				
	F MISCI				-				
		DEM		-	-	-	-	-	-
		CUS		-	-	-	-	-	-
		COM		-	-	-	-	-	-
		Sub-total		-	-	-	-	-	-
					-				
	Other				-				
		DEM		-	-	-	-	-	-
		CUS		-	-	-	-	-	-
		COM		-	-	-	-	-	-
		TOTAL		-	-	-	-	-	-
					-				
Income Taxes					-				
F PRODU	DEM	F PRODU DEM	DPROD	32,262	-	2,807	-	29,455	-
F PRODU	DEM	F PRODU DEM	DPROD K	597	-	597	-	-	-
F DISTR	DEM	F DISTR DEM	DIST	1,365,179	-	1,365,179	-	-	-
F DISTR	CUS	F DISTR CUS	CUST	760,391	-	760,391	-	-	-
F PRODU	COM	F PRODU COM	INDIRECT	(1,164)	-	-	-	(1,156)	(8)
F GASPL	COM	F GASPL COM	GASCOST	-	-	-	-	-	-
F GASPL	COM	F GASPL COM	GASSPLY	-	-	-	-	-	-
F DISTR	COM	F DISTR COM	PREV DEL	253	-	253	-	-	-
F MISCI	COM	F MISCI COM	PREV PROD	-	-	-	-	-	-
F MISCI	COM	F MISCI COM	GASSPLY	247	-	-	-	-	247
F PRODU	COM	F PRODU COM	REG COMM	4	-	-	-	-	4
F DISTR	COM	F DISTR COM	CUR REV	-	-	-	-	-	-
F PRODU	COM	F PRODU COM	PREV PROD	-	-	-	-	-	-
F DISTR	COM	F DISTR COM	OTH REV	-	-	-	-	-	-
~	~	~		-	-	-	-	-	-
					-				
	F DISTR				-				
		DEM		1,365,179	-	1,365,179	-	-	-
		CUS		760,391	-	760,391	-	-	-
		COM		253	-	253	-	-	-
		Sub-total		***2,125,822***	-	***2,125,822***	-	-	-
					-				
	F GASPL				-				
		DEM		-	-	-	-	-	-
		CUS		-	-	-	-	-	-
		COM		-	-	-	-	-	-
		Sub-total		-	-	-	-	-	-
					-				
	F PRODU				-				
		DEM		32,859	-	3,404	-	29,455	-
		CUS		-	-	-	-	-	-
		COM		(1,160)	-	-	-	(1,156)	(4)
		Sub-total		***31,700***	-	***3,404***	-	***28,299***	***(4)***
					-				
	F MISCI				-				
		DEM		-	-	-	-	-	-
		CUS		-	-	-	-	-	-
		COM		247	-	-	-	-	247
		Sub-total		***247***	-	-	-	-	***247***
					-				
	Income Taxes				-				
		DEM		1,398,038	-	1,368,583	-	29,455	-
		CUS		760,391	-	760,391	-	-	-
		COM		(660)	-	253	-	(1,156)	243
		TOTAL		**2,157,769**	-	**2,129,226**	-	**28,299**	**243**
					-				
~					-				
F PRODU	DEM	F PRODU DEM	DPROD	-	-	-	-	-	-
F PRODU	DEM	F PRODU DEM	DPROD K	-	-	-	-	-	-
F DISTR	DEM	F DISTR DEM	DIST	-	-	-	-	-	-
F DISTR	CUS	F DISTR CUS	CUST	-	-	-	-	-	-
F PRODU	COM	F PRODU COM	INDIRECT	-	-	-	-	-	-
F GASPL	COM	F GASPL COM	GASCOST	-	-	-	-	-	-
F GASPL	COM	F GASPL COM	GASSPLY	-	-	-	-	-	-
F DISTR	COM	F DISTR COM	PREV DEL	-	-	-	-	-	-
F MISCI	COM	F MISCI COM	PREV PROD	-	-	-	-	-	-
F MISCI	COM	F MISCI COM	GASSPLY	-	-	-	-	-	-
F PRODU	COM	F PRODU COM	REG COMM	-	-	-	-	-	-
F DISTR	COM	F DISTR COM	CUR REV	-	-	-	-	-	-
F PRODU	COM	F PRODU COM	PREV PROD	-	-	-	-	-	-
F DISTR	COM	F DISTR COM	OTH REV	-	-	-	-	-	-
~	~	~		-	-	-	-	-	-
				-	-	-	-	-	-
					-				
	F DISTR				-				

		DEM		-	-	-	-	-	-
		CUS		-	-	-	-	-	-
		COM		-	-	-	-	-	-
		Sub-total		-	-	-	-	-	-
					-				
	F GASPL				-				
		DEM		-	-	-	-	-	-
		CUS		-	-	-	-	-	-
		COM		-	-	-	-	-	-
		Sub-total		-	-	-	-	-	-
					-				
	F PRODU				-				
		DEM		-	-	-	-	-	-
		CUS		-	-	-	-	-	-
		COM		-	-	-	-	-	-
		Sub-total		-	-	-	-	-	-
					-				
	F MISCI				-				
		DEM		-	-	-	-	-	-
		CUS		-	-	-	-	-	-
		COM		-	-	-	-	-	-
		Sub-total		-	-	-	-	-	-
					-				
	~				-				
					-				
~					-				
F PRODU	DEM	F PRODU DEM	DPROD	-	-	-	-	-	-
F PRODU	DEM	F PRODU DEM	DPROD K	-	-	-	-	-	-
F DISTR	DEM	F DISTR DEM	DIST	-	-	-	-	-	-
F DISTR	CUS	F DISTR CUS	CUST	-	-	-	-	-	-
F PRODU	COM	F PRODU COM	INDIRECT	-	-	-	-	-	-
F GASPL	COM	F GASPL COM	GASCOST	-	-	-	-	-	-
F GASPL	COM	F GASPL COM	GASSPLY	-	-	-	-	-	-
F DISTR	COM	F DISTR COM	PREV DEL	-	-	-	-	-	-
F MISCI	COM	F MISCI COM	PREV PROD	-	-	-	-	-	-
F MISCI	COM	F MISCI COM	GASSPLY	-	-	-	-	-	-
F PRODU	COM	F PRODU COM	REG COMM	-	-	-	-	-	-
F DISTR	COM	F DISTR COM	CUR REV	-	-	-	-	-	-
F PRODU	COM	F PRODU COM	PREV PROD	-	-	-	-	-	-
F DISTR	COM	F DISTR COM	OTH REV	-	-	-	-	-	-
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	F DISTR				-				
		DEM		-	-	-	-	-	-
		CUS		-	-	-	-	-	-
		COM		-	-	-	-	-	-
		Sub-total		-	-	-	-	-	-
					-				
	F GASPL				-				
		DEM		-	-	-	-	-	-
		CUS		-	-	-	-	-	-
		COM		-	-	-	-	-	-
		Sub-total		-	-	-	-	-	-
					-				
	F PRODU				-				
		DEM		-	-	-	-	-	-
		CUS		-	-	-	-	-	-
		COM		-	-	-	-	-	-
		Sub-total		-	-	-	-	-	-
					-				
	F MISCI				-				
		DEM		-	-	-	-	-	-
		CUS		-	-	-	-	-	-
		COM		-	-	-	-	-	-
		Sub-total		-	-	-	-	-	-
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					-				
					-				
Operating Revenues					-				
	Distribution Rate Revenue		CUR REV	70,681,266	-	70,681,266	-	-	-
	Late Payment Charges - Delivery		PREV DEL	435,860	-	435,860	-	-	-
	Late Payment Charges - Production		PREV PROD	6,604	-	-	-	4,357	2,247
	~			-	-	-	-	-	-
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	Connect/Reconnect Fees		CUST	400,285	-	400,285	-	-	-
	Other Revenues		OTH REV	38,510	-	38,510	-	-	-
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	Total			**71,562,525**	-	**71,555,921**	-	**4,357**	**2,247**
					END				

Account Description	Amount	Alloc. Factor	Delivery Costs DEM	Delivery Costs CUS	Delivery Costs COM	Delivery Costs TOTAL	Direct Gas Costs DEM	Direct Gas Costs CUS	Direct Gas Costs COM	Direct Gas Costs TOTAL
RATE BASE										
Plant in Service										
Intangible Plant										
Misc. Intangible Plant	14,745,889	LABOR	7,130,370	7,014,665	-	14,145,035	-	-	-	-
Sub-total	***14,745,889***		***7,130,370***	***7,014,665***	***-***	***14,145,035***	***-***	***-***	***-***	***-***
Production Plant										
Production Plant EN	14,026,237	DPROD	1,220,283	-	-	1,220,283	-	-	-	-
Production Plant Keene	335,421	DPROD_K	335,421	-	-	335,421	-	-	-	-
Sub-total	***14,361,658***		***1,555,703***	***-***	***-***	***1,555,703***	***-***	***-***	***-***	***-***
Distribution Plant										
Land & Land Rights	197,931	DIST	197,931	-	-	197,931	-	-	-	-
M&R Stations	623,659	DIST	623,659	-	-	623,659	-	-	-	-
Mains	231,079,452	DIST	231,079,452	-	-	231,079,452	-	-	-	-
Compressor Station Equipment	4,924,228	DIST	4,924,228	-	-	4,924,228	-	-	-	-
Services	147,512,755	CUST	-	147,512,755	-	147,512,755	-	-	-	-
Meters & Meter Installations	20,781,525	CUST	-	20,781,525	-	20,781,525	-	-	-	-
Meters Installations	14,360,005	CUST	-	14,360,005	-	14,360,005	-	-	-	-
Other Equipment	986,277	DIST	986,277	-	-	986,277	-	-	-	-
Sub-total	***420,465,832***		***237,811,547***	***182,654,285***	***-***	***420,465,832***	***-***	***-***	***-***	***-***
General Plant										
Land & Land Rights	16,806	LABOR	8,127	7,995	-	16,121	-	-	-	-
Structures & Improvements	22,126,395	LABOR	10,699,211	10,525,594	-	21,224,805	-	-	-	-
Office Furniture & Equipment	2,911,316	LABOR	1,407,766	1,384,922	-	2,792,688	-	-	-	-
Transportation Equipment	2,750,151	LABOR	1,329,835	1,308,255	-	2,638,090	-	-	-	-
Stores Equipment	99,421	LABOR	48,075	47,295	-	95,370	-	-	-	-
Tools, Shop & Garage Equip.	1,148,344	LABOR	555,281	546,271	-	1,101,552	-	-	-	-
Laboratory Equip.	-	LABOR	-	-	-	-	-	-	-	-
Power Operated Equip.	726,968	LABOR	351,525	345,821	-	697,346	-	-	-	-
Communication Equip.	477,578	LABOR	230,933	227,185	-	458,118	-	-	-	-
Miscellaneous Equip.	353,566	LABOR	170,967	168,192	-	339,159	-	-	-	-
Sub-total	***30,610,544***		***14,801,718***	***14,561,530***	***-***	***29,363,248***	***-***	***-***	***-***	***-***
TOTAL PLANT-IN-SERVICE	**480,183,923**		**261,299,339**	**204,230,480**	**-**	**465,529,818**	**-**	**-**	**-**	**-**
Accumulated Reserve for Depreciation										
Intangible Plant										
Misc. Intangible Plant	(4,975,703)	LABOR	(2,406,000)	(2,366,957)	-	(4,772,957)	-	-	-	-
Sub-total	***(4,975,703)***		***(2,406,000)***	***(2,366,957)***	***-***	***(4,772,957)***	***-***	***-***	***-***	***-***
Production Plant										
Production Plant	(9,579,080)	DPROD	(833,380)	-	-	(833,380)	-	-	-	-
Production Plant Keene	(188,851)	DPROD_K	(188,851)	-	-	(188,851)	-	-	-	-
Sub-total	***(9,767,932)***		***(1,022,231)***	***-***	***-***	***(1,022,231)***	***-***	***-***	***-***	***-***
Distribution Plant										
Land & Land Rights	-	0	-	-	-	-	-	-	-	-
M&R Stations	(455,849)	DIST	(455,849)	-	-	(455,849)	-	-	-	-
Mains	(55,119,021)	DIST	(55,119,021)	-	-	(55,119,021)	-	-	-	-
Compressor Station Equipment	(1,898,257)	DIST	(1,898,257)	-	-	(1,898,257)	-	-	-	-
Services	(66,914,257)	CUST	-	(66,914,257)	-	(66,914,257)	-	-	-	-
Meters	(10,159,323)	CUST	-	(10,159,323)	-	(10,159,323)	-	-	-	-
Meter Installations	(2,510,354)	CUST	-	(2,510,354)	-	(2,510,354)	-	-	-	-
Other Equipment	(377,799)	DIST	(377,799)	-	-	(377,799)	-	-	-	-

Account Description	Amount	Alloc. Factor	LPG & LNG DEM	LPG & LNG CUS	LPG & LNG COM	LPG & LNG TOTAL	Misc DEM	Misc CUS	Misc COM	Misc TOTAL
RATE BASE										
Plant in Service										
Intangible Plant										
Misc. Intangible Plant	14,745,889	LABOR	600,854	-	-	600,854	-	-	-	-
Sub-total	***14,745,889***		***600,854***	**-**	**-**	***600,854***	**-**	**-**	**-**	**-**
Production Plant										
Production Plant EN	14,026,237	DPROD	12,805,954	-	-	12,805,954	-	-	-	-
Production Plant Keene	335,421	DPROD_K	-	-	-	-	-	-	-	-
Sub-total	***14,361,658***		***12,805,954***	**-**	**-**	***12,805,954***	**-**	**-**	**-**	**-**
Distribution Plant										
Land & Land Rights	197,931	DIST	-	-	-	-	-	-	-	-
M&R Stations	623,659	DIST	-	-	-	-	-	-	-	-
Mains	231,079,452	DIST	-	-	-	-	-	-	-	-
Compressor Station Equipment	4,924,228	DIST	-	-	-	-	-	-	-	-
Services	147,512,755	CUST	-	-	-	-	-	-	-	-
Meters & Meter Installations	20,781,525	CUST	-	-	-	-	-	-	-	-
Meters Installations	14,360,005	CUST	-	-	-	-	-	-	-	-
Other Equipment	986,277	DIST	-	-	-	-	-	-	-	-
Sub-total	***420,465,832***		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
General Plant										
Land & Land Rights	16,806	LABOR	685	-	-	685	-	-	-	-
Structures & Improvements	22,126,395	LABOR	901,590	-	-	901,590	-	-	-	-
Office Furniture & Equipment	2,911,316	LABOR	118,628	-	-	118,628	-	-	-	-
Transportation Equipment	2,750,151	LABOR	112,061	-	-	112,061	-	-	-	-
Stores Equipment	99,421	LABOR	4,051	-	-	4,051	-	-	-	-
Tools, Shop & Garage Equip.	1,148,344	LABOR	46,792	-	-	46,792	-	-	-	-
Laboratory Equip.	-	LABOR	-	-	-	-	-	-	-	-
Power Operated Equip.	726,968	LABOR	29,622	-	-	29,622	-	-	-	-
Communication Equip.	477,578	LABOR	19,460	-	-	19,460	-	-	-	-
Miscellaneous Equip.	353,566	LABOR	14,407	-	-	14,407	-	-	-	-
Sub-total	***30,610,544***		***1,247,295***	**-**	**-**	***1,247,295***	**-**	**-**	**-**	**-**
TOTAL PLANT-IN-SERVICE	**480,183,923**		**14,654,104**	**-**	**-**	**14,654,104**	**-**	**-**	**-**	**-**
Accumulated Reserve for Depreciation										
Intangible Plant										
Misc. Intangible Plant	(4,975,703)	LABOR	(202,746)	-	-	(202,746)	-	-	-	-
Sub-total	***(4,975,703)***		***(202,746)***	**-**	**-**	***(202,746)***	**-**	**-**	**-**	**-**
Production Plant										
Production Plant	(9,579,080)	DPROD	(8,745,700)	-	-	(8,745,700)	-	-	-	-
Production Plant Keene	(188,851)	DPROD_K	-	-	-	-	-	-	-	-
Sub-total	***(9,767,932)***		***(8,745,700)***	**-**	**-**	***(8,745,700)***	**-**	**-**	**-**	**-**
Distribution Plant										
Land & Land Rights	-	0	-	-	-	-	-	-	-	-
M&R Stations	(455,849)	DIST	-	-	-	-	-	-	-	-
Mains	(55,119,021)	DIST	-	-	-	-	-	-	-	-
Compressor Station Equipment	(1,898,257)	DIST	-	-	-	-	-	-	-	-
Services	(66,914,257)	CUST	-	-	-	-	-	-	-	-
Meters	(10,159,323)	CUST	-	-	-	-	-	-	-	-
Meter Installations	(2,510,354)	CUST	-	-	-	-	-	-	-	-
Other Equipment	(377,799)	DIST	-	-	-	-	-	-	-	-

Functional Cost Study
Account Detail

Account Description	Amount	Alloc. Factor	Delivery Costs DEM	Delivery Costs CUS	Delivery Costs COM	Delivery Costs TOTAL	Direct Gas Costs DEM	Direct Gas Costs CUS	Direct Gas Costs COM	Direct Gas Costs TOTAL
General Plant										
Land & Land Rights	-	0	-	-	-	-	-	-	-	-
Structures & Improvements	(3,369,744)	LABOR	(1,629,438)	(1,602,997)	-	(3,232,436)	-	-	-	-
Office Furniture & Equipment	(510,622)	LABOR	(246,911)	(242,905)	-	(489,816)	-	-	-	-
Transportation Equipment	(807,510)	LABOR	(390,471)	(384,135)	-	(774,606)	-	-	-	-
Stores Equipment	(28,007)	LABOR	(13,543)	(13,323)	-	(26,866)	-	-	-	-
Tools, Shop & Garage Equip.	(641,731)	LABOR	(310,309)	(305,273)	-	(615,582)	-	-	-	-
Laboratory Equip.	-	LABOR	-	-	-	-	-	-	-	-
Power Operated Equip.	(665,676)	LABOR	(321,887)	(316,664)	-	(638,551)	-	-	-	-
Communication Equip.	(240,750)	LABOR	(116,415)	(114,526)	-	(230,940)	-	-	-	-
Miscellaneous Equip.	(156,784)	LABOR	(75,813)	(74,582)	-	(150,395)	-	-	-	-
Other	(133,284)	PLANT	(72,529)	(56,688)	-	(129,216)	-	-	-	-
Sub-total	***(6,554,108)***		***(3,177,316)***	***(3,111,094)***	**-**	***(6,288,409)***	**-**	**-**	**-**	**-**
TOTAL DEPRECIATION ACCRUAL	**(158,732,601)**		**(64,456,472)**	**(85,061,984)**	**-**	**(149,518,456)**	**-**	**-**	**-**	**-**
NET PLANT	**321,451,321**		**196,842,867**	**119,168,495**	**-**	**316,011,362**	**-**	**-**	**-**	**-**
Rate Base Adjustments										
Additions										
Gas Materials and Supplies	6,948,817	PDGPLT	3,794,648	2,944,359	-	6,739,007	-	-	-	-
Cash Working Capital (Other)	2,725,860	OMEXPX	1,437,916	1,239,765	29,536	2,707,217	-	-	-	-
Prepayments	2,733,433	PDGPLT	1,492,688	1,158,213	-	2,650,901	-	-	-	-
Sub-total	***12,408,110***		***6,725,253***	***5,342,336***	***29,536***	***12,097,125***	**-**	**-**	**-**	**-**
Deductions										
Customer Deposits	(1,775,750)	CUST	-	(1,775,750)	-	(1,775,750)	-	-	-	-
Accum. Deferred Income Taxes	(80,054,998)	PDGPLT	(43,716,875)	(33,920,975)	-	(77,637,849)	-	-	-	-
Sub-total	***(81,830,748)***		***(43,716,875)***	***(35,696,725)***	**-**	***(79,413,599)***	**-**	**-**	**-**	**-**
TOTAL RATE BASE ADJ.	**(69,422,638)**		**(36,991,622)**	**(30,354,388)**	**29,536**	**(67,316,474)**	**-**	**-**	**-**	**-**
TOTAL RATE BASE	**252,028,683**		**159,851,244**	**88,814,107**	**29,536**	**248,694,888**	**-**	**-**	**-**	**-**

Functional Cost Study
Account Detail

Account Description	Amount	Alloc. Factor	LPG & LNG DEM	LPG & LNG CUS	LPG & LNG COM	LPG & LNG TOTAL	Misc DEM	Misc CUS	Misc COM	Misc TOTAL
General Plant										
Land & Land Rights	-	0	-	-	-	-	-	-	-	-
Structures & Improvements	(3,369,744)	LABOR	(137,308)	-	-	(137,308)	-	-	-	-
Office Furniture & Equipment	(510,622)	LABOR	(20,806)	-	-	(20,806)	-	-	-	-
Transportation Equipment	(807,510)	LABOR	(32,904)	-	-	(32,904)	-	-	-	-
Stores Equipment	(28,007)	LABOR	(1,141)	-	-	(1,141)	-	-	-	-
Tools, Shop & Garage Equip.	(641,731)	LABOR	(26,149)	-	-	(26,149)	-	-	-	-
Laboratory Equip.	-	LABOR	-	-	-	-	-	-	-	-
Power Operated Equip.	(665,676)	LABOR	(27,124)	-	-	(27,124)	-	-	-	-
Communication Equip.	(240,750)	LABOR	(9,810)	-	-	(9,810)	-	-	-	-
Miscellaneous Equip.	(156,784)	LABOR	(6,389)	-	-	(6,389)	-	-	-	-
Other	(133,284)	PLANT	(4,068)	-	-	(4,068)	-	-	-	-
Sub-total	***(6,554,108)***		***(265,698)***	**-**	**-**	***(265,698)***	**-**	**-**	**-**	**-**
TOTAL DEPRECIATION ACCRUAL	**(158,732,601)**		**(9,214,145)**	**-**	**-**	**(9,214,145)**	**-**	**-**	**-**	**-**
NET PLANT	**321,451,321**		**5,439,959**	**-**	**-**	**5,439,959**	**-**	**-**	**-**	**-**
Rate Base Adjustments										
Additions										
Gas Materials and Supplies	6,948,817	PDGPLT	209,810	-	-	209,810	-	-	-	-
Cash Working Capital (Other)	2,725,860	OMEXPX	125,252	-	(135,016)	(9,765)	-	-	28,408	28,408
Prepayments	2,733,433	PDGPLT	82,532	-	-	82,532	-	-	-	-
Sub-total	***12,408,110***		***417,594***	**-**	***(135,016)***	***282,577***	**-**	**-**	***28,408***	***28,408***
Deductions										
Customer Deposits	(1,775,750)	CUST	-	-	-	-	-	-	-	-
Accum. Deferred Income Taxes	(80,054,998)	PDGPLT	(2,417,149)	-	-	(2,417,149)	-	-	-	-
Sub-total	***(81,830,748)***		***(2,417,149)***	**-**	**-**	***(2,417,149)***	**-**	**-**	**-**	**-**
TOTAL RATE BASE ADJ.	**(69,422,638)**		**(1,999,555)**	**-**	**(135,016)**	**(2,134,571)**	**-**	**-**	**28,408**	**28,408**
TOTAL RATE BASE	**252,028,683**		**3,440,404**	**-**	**(135,016)**	**3,305,388**	**-**	**-**	**28,408**	**28,408**

Account Description	Amount	Alloc. Factor	Delivery Costs DEM	Delivery Costs CUS	Delivery Costs COM	Delivery Costs TOTAL	Direct Gas Costs DEM	Direct Gas Costs CUS	Direct Gas Costs COM	Direct Gas Costs TOTAL
EXPENSES										
O & M Expenses										
Production (LPG LNG) - Operation										
Supervision	333,238	DPROD	28,992	-	-	28,992	-	-	-	-
LPG - Production	263,598	DPROD	22,933	-	-	22,933	-	-	-	-
LPG - Materials	46,178	DPROD	4,017	-	-	4,017	-	-	-	-
Gas Mixing & Misc Exp - Keene	(23,701)	DPROD_K	(23,701)	-	-	(23,701)	-	-	-	-
Misc. Prod. Exp.	388,258	DPROD	33,778	-	-	33,778	-	-	-	-
Operation Labor & Expenses	2,543	DPROD	221	-	-	221	-	-	-	-
Other	4,296	DPROD	374	-	-	374	-	-	-	-
Indirect Expenses	(1,992,581)	INDIRECT	-	-	-	-	-	-	-	-
Sub-total	***(978,172)***		***66,615***	***-***	***-***	***66,615***	***-***	***-***	***-***	***-***
Production (LPG LNG) - Maintenance										
Maint. of Prod. Equip	72,133	DPROD	6,276	-	-	6,276	-	-	-	-
Sub-total	***72,133***		***6,276***	***-***	***-***	***6,276***	***-***	***-***	***-***	***-***
Total Production	***(906,039)***		***72,890***	***-***	***-***	***72,890***	***-***	***-***	***-***	***-***
Purchased Gas Expenses										
Gas Supply	-	GASCOST	-	-	-	-	-	-	-	-
Storage Gas	-	GASCOST	-	-	-	-	-	-	-	-
Other Gas Supply	-	GASSPLY	-	-	-	-	-	-	-	-
Sub-total	***-***		***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***
Distribution Operation Expenses										
Operation Supervision & Engineering	1,725,207	DISTOPX	1,333,485	391,722	-	1,725,207	-	-	-	-
Distribution Load Dispatch	252,649	DIST	252,649	-	-	252,649	-	-	-	-
Mains & Services Expenses	4,899,898	DIST	4,899,898	-	-	4,899,898	-	-	-	-
M&R Station Expenses - General	160,140	DIST	160,140	-	-	160,140	-	-	-	-
M&R Station Expenses - Industrial	14,536	DIST	14,536	-	-	14,536	-	-	-	-
Meter & House Regulator Expenses	1,800,052	CUST	-	1,800,052	-	1,800,052	-	-	-	-
Customer Installation Expenses	58,893	CUST	-	58,893	-	58,893	-	-	-	-
Other Expenses	988,828	DIST	988,828	-	-	988,828	-	-	-	-
Rents	12,098	DIST	12,098	-	-	12,098	-	-	-	-
Sub-total	***9,912,299***		***7,661,633***	***2,250,667***	***-***	***9,912,299***	***-***	***-***	***-***	***-***
Distribution Maintenance Expenses										
Maint. Supervision & Engineering	-	DISTMNX	-	-	-	-	-	-	-	-
Maint. of Structures & Improv.	123,257	DIST	123,257	-	-	123,257	-	-	-	-
Maint. of Mains	1,673,937	DIST	1,673,937	-	-	1,673,937	-	-	-	-
Maint. of M&R Station Equip. - General	55,977	DIST	55,977	-	-	55,977	-	-	-	-
Maint. of Services	678,014	CUST	-	678,014	-	678,014	-	-	-	-
Maint. of Meters & House Regulators	310,270	CUST	-	310,270	-	310,270	-	-	-	-
Maint. of Other Equip.	13,686	DIST	13,686	-	-	13,686	-	-	-	-
Sub-total	***2,855,141***		***1,866,857***	***988,284***	***-***	***2,855,141***	***-***	***-***	***-***	***-***
Total Distribution	***12,767,440***		***9,528,489***	***3,238,951***	***-***	***12,767,440***	***-***	***-***	***-***	***-***

Account Description	Amount	Alloc. Factor	LPG & LNG DEM	LPG & LNG CUS	LPG & LNG COM	LPG & LNG TOTAL	Misc DEM	Misc CUS	Misc COM	Misc TOTAL
EXPENSES										
O & M Expenses										
Production (LPG LNG) - Operation										
Supervision	333,238	DPROD	304,246	-	-	304,246	-	-	-	-
LPG - Production	263,598	DPROD	240,665	-	-	240,665	-	-	-	-
LPG - Materials	46,178	DPROD	42,161	-	-	42,161	-	-	-	-
Gas Mixing & Misc Exp - Keene	(23,701)	DPROD_K	-	-	-	-	-	-	-	-
Misc. Prod. Exp.	388,258	DPROD	354,479	-	-	354,479	-	-	-	-
Operation Labor & Expenses	2,543	DPROD	2,322	-	-	2,322	-	-	-	-
Other	4,296	DPROD	3,922	-	-	3,922	-	-	-	-
Indirect Expenses	(1,992,581)	INDIRECT	-	-	(1,979,418)	(1,979,418)	-	-	(13,163)	(13,163)
Sub-total	***(978,172)***		***947,795***	***-***	***(1,979,418)***	***(1,031,623)***	***-***	***-***	***(13,163)***	***(13,163)***
Production (LPG LNG) - Maintenance										
Maint. of Prod. Equip	72,133	DPROD	65,857	-	-	65,857	-	-	-	-
Sub-total	***72,133***		***65,857***	***-***	***-***	***65,857***	***-***	***-***	***-***	***-***
Total Production	***(906,039)***		***1,013,652***	***-***	***(1,979,418)***	***(965,766)***	***-***	***-***	***(13,163)***	***(13,163)***
Purchased Gas Expenses										
Gas Supply	-	GASCOST	-	-	-	-	-	-	-	-
Storage Gas	-	GASCOST	-	-	-	-	-	-	-	-
Other Gas Supply	-	GASSPLY	-	-	-	-	-	-	-	-
Sub-total	***-***		***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***
Distribution Operation Expenses										
Operation Supervision & Engineering	1,725,207	DISTOPX	-	-	-	-	-	-	-	-
Distribution Load Dispatch	252,649	DIST	-	-	-	-	-	-	-	-
Mains & Services Expenses	4,899,898	DIST	-	-	-	-	-	-	-	-
M&R Station Expenses - General	160,140	DIST	-	-	-	-	-	-	-	-
M&R Station Expenses - Industrial	14,536	DIST	-	-	-	-	-	-	-	-
Meter & House Regulator Expenses	1,800,052	CUST	-	-	-	-	-	-	-	-
Customer Installation Expenses	58,893	CUST	-	-	-	-	-	-	-	-
Other Expenses	988,828	DIST	-	-	-	-	-	-	-	-
Rents	12,098	DIST	-	-	-	-	-	-	-	-
Sub-total	***9,912,299***		***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***
Distribution Maintenance Expenses										
Maint. Supervision & Engineering	-	DISTMNX	-	-	-	-	-	-	-	-
Maint. of Structures & Improv.	123,257	DIST	-	-	-	-	-	-	-	-
Maint. of Mains	1,673,937	DIST	-	-	-	-	-	-	-	-
Maint. of M&R Station Equip. - General	55,977	DIST	-	-	-	-	-	-	-	-
Maint. of Services	678,014	CUST	-	-	-	-	-	-	-	-
Maint. of Meters & House Regulators	310,270	CUST	-	-	-	-	-	-	-	-
Maint. of Other Equip.	13,686	DIST	-	-	-	-	-	-	-	-
Sub-total	***2,855,141***		***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***
Total Distribution	***12,767,440***		***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***

Account Description	Amount	Alloc. Factor	Delivery Costs DEM	Delivery Costs CUS	Delivery Costs COM	Delivery Costs TOTAL	Direct Gas Costs DEM	Direct Gas Costs CUS	Direct Gas Costs COM	Direct Gas Costs TOTAL
Customer Account										
Supervision	199,462	CACCTX	-	199,462	-	199,462	-	-	-	-
Meter Reading	408,042	CUST	-	408,042	-	408,042	-	-	-	-
Customer Records & Collection	3,902,071	CUST	-	3,902,071	-	3,902,071	-	-	-	-
Uncollectable Accounts - Delivery	1,482,816	PREV_DEL	-	-	1,482,816	1,482,816	-	-	-	-
Uncollectable Accounts - Production	22,466	PREV_PROD	-	-	-	-	-	-	-	-
Misc. Customer Accounts	(19,398)	CUST	-	(19,398)	-	(19,398)	-	-	-	-
Sub-total	***5,995,459***		***-***	***4,490,176***	***1,482,816***	***5,972,992***	***-***	***-***	***-***	***-***
Customer Service & Information Expenses										
Customer Assistance Expense	-	CUST	-	-	-	-	-	-	-	-
Misc Customer Assistance Expense	2,521	CUST	-	2,521	-	2,521	-	-	-	-
Sub-total	***2,521***		***-***	***2,521***	***-***	***2,521***	***-***	***-***	***-***	***-***
Sales Expenses										
Demostrating & Selling Expenses	160,782	CUST	-	160,782	-	160,782	-	-	-	-
Sub-total	***160,782***		***-***	***160,782***	***-***	***160,782***	***-***	***-***	***-***	***-***
Administrative and General Expenses										
Administrative & General Salaries	4,878,391	LABOR	2,358,944	2,320,666	-	4,679,610	-	-	-	-
A&G Salaries - Energy Procurement	641,584	GASSPLY	-	-	-	-	-	-	-	-
Office Supplies	1,219,159	LABOR	589,524	579,958	-	1,169,482	-	-	-	-
Office Supplies - Energy Procurement	69,699	GASSPLY	-	-	-	-	-	-	-	-
A&G Transferred	(7,749,920)	AGxTRANSFER	(3,419,762)	(3,364,270)	(261,868)	(7,045,900)	-	-	-	-
A&G Transferred - Energy Procurement	(258,003)	GASSPLY	-	-	-	-	-	-	-	-
Outside Services	3,980,056	LABOR	1,924,555	1,893,325	-	3,817,880	-	-	-	-
Outside Serv. - Gas Acquistion	381,674	GASSPLY	-	-	-	-	-	-	-	-
Property Insurance	35,930	LABOR	17,374	17,092	-	34,466	-	-	-	-
Injuries & Damages	1,074,851	LABOR	519,744	511,310	-	1,031,053	-	-	-	-
Employee Pension & Benefits	7,227,581	LABOR	3,494,894	3,438,183	-	6,933,077	-	-	-	-
Regulatory Commission - Delivery	694,888	PREV_DEL	-	-	694,888	694,888	-	-	-	-
Regulatory Commission - Production	10,528	REG_COMM	-	-	-	-	-	-	-	-
Misc. General Expenses	70,770	LABOR	34,221	33,665	-	67,886	-	-	-	-
Office Rent	146,051	LABOR	70,623	69,477	-	140,100	-	-	-	-
Maintenance of General Plant	133,881	LABOR	64,738	63,687	-	128,426	-	-	-	-
Sub-total	***12,557,120***		***5,654,855***	***5,563,093***	***433,020***	***11,650,967***	***-***	***-***	***-***	***-***
TOTAL O & M EXPENSES	**30,577,282**		**15,256,234**	**13,455,523**	**1,915,836**	**30,627,593**	**-**	**-**	**-**	**-**

Labor Expense

Production - Operation										
Supervision	299,027	DPROD	26,015	-	-	26,015	-	-	-	-
LPG - Production	13,574	DPROD	1,181	-	-	1,181	-	-	-	-
LPG - Materials	194,832	DPROD	16,950	-	-	16,950	-	-	-	-
Gas Mixing & Misc Exp - Keene	(9,365)	DPROD_K	(9,365)	-	-	(9,365)	-	-	-	-
Misc. Prod. Exp.	2,543	DPROD	221	-	-	221	-	-	-	-
Operation Labor & Expenses	-	DPROD	-	-	-	-	-	-	-	-
Sub-total	***500,612***		***35,003***	***-***	***-***	***35,003***	***-***	***-***	***-***	***-***
Production - Maintenance										
Maint. of Prod. Equip	-	DPROD	-	-	-	-	-	-	-	-
Sub-total	***-***		***-***	***-***	***-***	***-***	***-***	***-***	***-***	***-***
Total Production	***500,612***		***35,003***	***-***	***-***	***35,003***	***-***	***-***	***-***	***-***

Account Description	Amount	Alloc. Factor	LPG & LNG DEM	LPG & LNG CUS	LPG & LNG COM	LPG & LNG TOTAL	Misc DEM	Misc CUS	Misc COM	Misc TOTAL
Customer Account										
Supervision	199,462	CACCTX	-	-	-	-	-	-	-	-
Meter Reading	408,042	CUST	-	-	-	-	-	-	-	-
Customer Records & Collection	3,902,071	CUST	-	-	-	-	-	-	-	-
Uncollectable Accounts - Delivery	1,482,816	PREV_DEL	-	-	-	-	-	-	-	-
Uncollectable Accounts - Production	22,466	PREV_PROD	-	-	14,822	14,822	-	-	7,645	7,645
Misc. Customer Accounts	(19,398)	CUST	-	-	-	-	-	-	-	-
Sub-total	***5,995,459***		**-**	**-**	***14,822***	***14,822***	**-**	**-**	***7,645***	***7,645***
Customer Service & Information Expenses										
Customer Assistance Expense	-	CUST	-	-	-	-	-	-	-	-
Misc Customer Assistance Expense	2,521	CUST	-	-	-	-	-	-	-	-
Sub-total	***2,521***		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Sales Expenses										
Demostrating & Selling Expenses	160,782	CUST	-	-	-	-	-	-	-	-
Sub-total	***160,782***		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Administrative and General Expenses										
Administrative & General Salaries	4,878,391	LABOR	198,781	-	-	198,781	-	-	-	-
A&G Salaries - Energy Procurement	641,584	GASSPLY	-	-	-	-	-	-	641,584	641,584
Office Supplies	1,219,159	LABOR	49,677	-	-	49,677	-	-	-	-
Office Supplies - Energy Procurement	69,699	GASSPLY	-	-	-	-	-	-	69,699	69,699
A&G Transferred	(7,749,920)	AGxTRANSFER	(288,173)	-	-	(288,173)	-	-	(415,848)	(415,848)
A&G Transferred - Energy Procurement	(258,003)	GASSPLY	-	-	-	-	-	-	(258,003)	(258,003)
Outside Services	3,980,056	LABOR	162,176	-	-	162,176	-	-	-	-
Outside Serv. - Gas Acquistion	381,674	GASSPLY	-	-	-	-	-	-	381,674	381,674
Property Insurance	35,930	LABOR	1,464	-	-	1,464	-	-	-	-
Injuries & Damages	1,074,851	LABOR	43,797	-	-	43,797	-	-	-	-
Employee Pension & Benefits	7,227,581	LABOR	294,504	-	-	294,504	-	-	-	-
Regulatory Commission - Delivery	694,888	PREV_DEL	-	-	-	-	-	-	-	-
Regulatory Commission - Production	10,528	REG_COMM	-	-	-	-	-	-	10,528	10,528
Misc. General Expenses	70,770	LABOR	2,884	-	-	2,884	-	-	-	-
Office Rent	146,051	LABOR	5,951	-	-	5,951	-	-	-	-
Maintenance of General Plant	133,881	LABOR	5,455	-	-	5,455	-	-	-	-
Sub-total	***12,557,120***		***476,517***	**-**	**-**	***476,517***	**-**	**-**	***429,635***	***429,635***
TOTAL O & M EXPENSES	**30,577,282**		**1,490,169**	**-**	**(1,964,596)**	**(474,427)**	**-**	**-**	**424,117**	**424,117**
Labor Expense										
Production - Operation										
Supervision	299,027	DPROD	273,012	-	-	273,012	-	-	-	-
LPG - Production	13,574	DPROD	12,393	-	-	12,393	-	-	-	-
LPG - Materials	194,832	DPROD	177,882	-	-	177,882	-	-	-	-
Gas Mixing & Misc Exp - Keene	(9,365)	DPROD_K	-	-	-	-	-	-	-	-
Misc. Prod. Exp.	2,543	DPROD	2,322	-	-	2,322	-	-	-	-
Operation Labor & Expenses	-	DPROD	-	-	-	-	-	-	-	-
Sub-total	***500,612***		***465,609***	**-**	**-**	***465,609***	**-**	**-**	**-**	**-**
Production - Maintenance										
Maint. of Prod. Equip	-	DPROD	-	-	-	-	-	-	-	-
Sub-total	**-**		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total Production	***500,612***		***465,609***	**-**	**-**	***465,609***	**-**	**-**	**-**	**-**

Functional Cost Study
Account Detail

Account Description	Amount	Alloc. Factor	Delivery Costs DEM	Delivery Costs CUS	Delivery Costs COM	Delivery Costs TOTAL	Direct Gas Costs DEM	Direct Gas Costs CUS	Direct Gas Costs COM	Direct Gas Costs TOTAL
Distribution Operation Expenses										
Operation Supervision & Engineering	847,506	DISTOPX	655,073	192,433	-	847,506	-	-	-	-
Distribution Load Dispatch	215,372	DIST	215,372	-	-	215,372	-	-	-	-
Mains & Services Expenses	3,237,065	DIST	3,237,065	-	-	3,237,065	-	-	-	-
M&R Station Expenses - General	129,841	DIST	129,841	-	-	129,841	-	-	-	-
M&R Station Expenses - Industrial	9,569	DIST	9,569	-	-	9,569	-	-	-	-
Meter & House Regulator Expenses	1,521,556	CUST	-	1,521,556	-	1,521,556	-	-	-	-
Customer Installation Expenses	17,889	CUST	-	17,889	-	17,889	-	-	-	-
Other Expenses	468,781	DIST	468,781	-	-	468,781	-	-	-	-
Rents	-	DIST	-	-	-	-	-	-	-	-
Sub-total	***6,447,579***		***4,715,701***	***1,731,879***	**-**	***6,447,579***	**-**	**-**	**-**	**-**
Distribution Maintenance Expenses										
Maint. Supervision & Engineering	-	DISTMNX	-	-	-	-	-	-	-	-
Maint. of Structures & Improv.	83,216	DIST	83,216	-	-	83,216	-	-	-	-
Maint. of Mains	656,606	DIST	656,606	-	-	656,606	-	-	-	-
Maint. of M&R Station Equip. - General	30,851	DIST	30,851	-	-	30,851	-	-	-	-
Maint. of Services	367,661	CUST	-	367,661	-	367,661	-	-	-	-
Maint. of Meters & House Regulators	196,372	CUST	-	196,372	-	196,372	-	-	-	-
Maint. of Other Equip.	4,029	DIST	4,029	-	-	4,029	-	-	-	-
Sub-total	***1,338,735***		***774,702***	***564,033***	**-**	***1,338,735***	**-**	**-**	**-**	**-**
Total Distribution	***7,786,315***		***5,490,403***	***2,295,912***	**-**	***7,786,315***	**-**	**-**	**-**	**-**
Customer Account										
Supervision	185,091	CACCTX	-	185,091	-	185,091	-	-	-	-
Meter Reading	386,682	CUST	-	386,682	-	386,682	-	-	-	-
Customer Records & Collection	2,448,098	CUST	-	2,448,098	-	2,448,098	-	-	-	-
Uncollectable Accounts	-	0	-	-	-	-	-	-	-	-
Misc. Customer Accounts	-	CUST	-	-	-	-	-	-	-	-
Sub-total	***3,019,870***		**-**	***3,019,870***	**-**	***3,019,870***	**-**	**-**	**-**	**-**
Customer Service & Information Expenses										
Customer Assistance Expense	-	CUST	-	-	-	-	-	-	-	-
Misc Customer Assistance Expense	3,994	CUST	-	3,994	-	3,994	-	-	-	-
Sub-total	***3,994***		**-**	***3,994***	**-**	***3,994***	**-**	**-**	**-**	**-**
Sales Expenses										
Demostrating & Selling Expenses	115,969	CUST	-	115,969	-	115,969	-	-	-	-
Sub-total	***115,969***		**-**	***115,969***	**-**	***115,969***	**-**	**-**	**-**	**-**
TOTAL O & M LABOR EXP.	**11,426,760**		**5,525,406**	**5,435,745**	**-**	**10,961,151**	**-**	**-**	**-**	**-**

Functional Cost Study
Account Detail

Account Description	Amount	Alloc. Factor		LPG & LNG DEM	LPG & LNG CUS	LPG & LNG COM	LPG & LNG TOTAL	Misc DEM	Misc CUS	Misc COM	Misc TOTAL
Distribution Operation Expenses											
Operation Supervision & Engineering	847,506	DISTOPX		-	-	-	-	-	-	-	-
Distribution Load Dispatch	215,372	DIST		-	-	-	-	-	-	-	-
Mains & Services Expenses	3,237,065	DIST		-	-	-	-	-	-	-	-
M&R Station Expenses - General	129,841	DIST		-	-	-	-	-	-	-	-
M&R Station Expenses - Industrial	9,569	DIST		-	-	-	-	-	-	-	-
Meter & House Regulator Expenses	1,521,556	CUST		-	-	-	-	-	-	-	-
Customer Installation Expenses	17,889	CUST		-	-	-	-	-	-	-	-
Other Expenses	468,781	DIST		-	-	-	-	-	-	-	-
Rents	-	DIST		-	-	-	-	-	-	-	-
Sub-total	***6,447,579***			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Distribution Maintenance Expenses											
Maint. Supervision & Engineering	-	DISTMNX		-	-	-	-	-	-	-	-
Maint. of Structures & Improv.	83,216	DIST		-	-	-	-	-	-	-	-
Maint. of Mains	656,606	DIST		-	-	-	-	-	-	-	-
Maint. of M&R Station Equip. - General	30,851	DIST		-	-	-	-	-	-	-	-
Maint. of Services	367,661	CUST		-	-	-	-	-	-	-	-
Maint. of Meters & House Regulators	196,372	CUST		-	-	-	-	-	-	-	-
Maint. of Other Equip.	4,029	DIST		-	-	-	-	-	-	-	-
Sub-total	***1,338,735***			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total Distribution	***7,786,315***			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Customer Account											
Supervision	185,091	CACCTX		-	-	-	-	-	-	-	-
Meter Reading	386,682	CUST		-	-	-	-	-	-	-	-
Customer Records & Collection	2,448,098	CUST		-	-	-	-	-	-	-	-
Uncollectable Accounts	-		0	-	-	-	-	-	-	-	-
Misc. Customer Accounts	-	CUST		-	-	-	-	-	-	-	-
Sub-total	***3,019,870***			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Customer Service & Information Expenses											
Customer Assistance Expense	-	CUST		-	-	-	-	-	-	-	-
Misc Customer Assistance Expense	3,994	CUST		-	-	-	-	-	-	-	-
Sub-total	***3,994***			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Sales Expenses											
Demostrating & Selling Expenses	115,969	CUST		-	-	-	-	-	-	-	-
Sub-total	***115,969***			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
TOTAL O & M LABOR EXP.	**11,426,760**			**465,609**	**-**	**-**	**465,609**	**-**	**-**	**-**	**-**

Account Description	Amount	Alloc. Factor	Delivery Costs DEM	Delivery Costs CUS	Delivery Costs COM	Delivery Costs TOTAL	Direct Gas Costs DEM	Direct Gas Costs CUS	Direct Gas Costs COM	Direct Gas Costs TOTAL
Depreciation Expense										
Intangible Plant										
Misc. Intangible Plant	2,378,512	LABOR	1,150,129	1,131,465	-	2,281,594	-	-	-	-
Sub-total	***2,378,512***		***1,150,129***	***1,131,465***	***-***	***2,281,594***	***-***	***-***	***-***	***-***
Production Plant										
Production Plant EN	389,879	DPROD	33,919	-	-	33,919	-	-	-	-
Production Plant Keene	66,241	DPROD_K	66,241	-	-	66,241	-	-	-	-
Sub-total	***456,120***		***100,160***	***-***	***-***	***100,160***	***-***	***-***	***-***	***-***
Other										
Depr Amort of Reserve Surplus	(933,588)	PLANT	(508,026)	(397,071)	-	(905,097)	-	-	-	-
Regulatory Debits	181,327	AGEXP	81,657	80,332	6,253	168,242	-	-	-	-
Amort. Of Regulatory Asset	3,854,214	LABOR	1,863,704	1,833,461	-	3,697,165	-	-	-	-
Ratemaking Adjustment	(1,325,000)	PDGPLT	(723,563)	(561,430)	-	(1,284,993)	-	-	-	-
Sub-total	***1,776,953***		***713,772***	***955,292***	***6,253***	***1,675,317***	***-***	***-***	***-***	***-***
Distribution Plant										
Land & Land Rights	-	0	-	-	-	-	-	-	-	-
M&R Stations	17,837	DIST	17,837	-	-	17,837	-	-	-	-
Mains	4,532,743	DIST	4,532,743	-	-	4,532,743	-	-	-	-
Compressor Station Equipment	141,154	DIST	141,154	-	-	141,154	-	-	-	-
Services	5,248,167	CUST	-	5,248,167	-	5,248,167	-	-	-	-
Meters & Installations	857,975	CUST	-	857,975	-	857,975	-	-	-	-
Meters Installations	449,468	CUST	-	449,468	-	449,468	-	-	-	-
Other Equipment	51,674	DIST	51,674	-	-	51,674	-	-	-	-
Sub-total	***11,299,019***		***4,743,409***	***6,555,610***	***-***	***11,299,019***	***-***	***-***	***-***	***-***
General Plant Plant										
Land & Land Rights	-	0	-	-	-	-	-	-	-	-
Structures & Improvements	642,361	LABOR	310,613	305,573	-	616,186	-	-	-	-
Office Furniture & Equipment	345,644	LABOR	167,136	164,424	-	331,560	-	-	-	-
Transportation Equipment	534,213	LABOR	258,319	254,127	-	512,446	-	-	-	-
Stores Equipment	3,311	LABOR	1,601	1,575	-	3,176	-	-	-	-
Tools, Shop & Garage Equip.	65,199	LABOR	31,527	31,015	-	62,542	-	-	-	-
Laboratory Equip.	-	0	-	-	-	-	-	-	-	-
Power Operated Equip.	131,974	LABOR	63,816	62,780	-	126,596	-	-	-	-
Communication Equip.	55,599	LABOR	26,885	26,449	-	53,334	-	-	-	-
Miscellaneous Equip.	24,986	LABOR	12,082	11,886	-	23,968	-	-	-	-
Sub-total	***1,803,288***		***871,979***	***857,830***	***-***	***1,729,809***	***-***	***-***	***-***	***-***
TOTAL DEPRECIATION EXPENSES	**17,713,892**		**7,579,449**	**9,500,198**	**6,253**	**17,085,899**	**-**	**-**	**-**	**-**
Taxes Other Than Income Taxes										
Payroll	1,713,204	LABOR	828,419	814,976	-	1,643,395	-	-	-	-
Property	9,181,806	PLANT	4,996,418	3,905,180	-	8,901,598	-	-	-	-
Sub-total	***10,895,009***		***5,824,837***	***4,720,156***	***-***	***10,544,993***	***-***	***-***	***-***	***-***
	-									
TOTAL TAXES OTHER THAN INCOME TAX	**10,895,009**		**5,824,837**	**4,720,156**	**-**	**10,544,993**	**-**	**-**	**-**	**-**
Operating Revenues										
Distribution Rate Revenue	70,681,266	CUR_REV	-	-	70,681,266	70,681,266	-	-	-	-
Late Payment Charges - Delivery	435,860	PREV_DEL	-	-	435,860	435,860	-	-	-	-
Late Payment Charges - Production	6,604	PREV_PROD	-	-	-	-	-	-	-	-
Connect/Reconnect Fees	400,285	CUST	-	400,285	-	400,285	-	-	-	-
Other Revenues	38,510	OTH_REV	-	-	38,510	38,510	-	-	-	-
Sub-total	***71,562,525***		***-***	***400,285***	***71,155,636***	***71,555,921***	***-***	***-***	***-***	***-***
TOTAL	**71,562,525**		**-**	**400,285**	**71,155,636**	**71,555,921**	**-**	**-**	**-**	**-**

Account Description	Amount	Alloc. Factor	LPG & LNG DEM	LPG & LNG CUS	LPG & LNG COM	LPG & LNG TOTAL	Misc DEM	Misc CUS	Misc COM	Misc TOTAL
Depreciation Expense										
Intangible Plant										
Misc. Intangible Plant	2,378,512	LABOR	96,918	-	-	96,918	-	-	-	-
Sub-total	***2,378,512***		***96,918***	**-**	**-**	***96,918***	**-**	**-**	**-**	**-**
Production Plant										
Production Plant EN	389,879	DPROD	355,960	-	-	355,960	-	-	-	-
Production Plant Keene	66,241	DPROD_K	-	-	-	-	-	-	-	-
Sub-total	***456,120***		***355,960***	**-**	**-**	***355,960***	**-**	**-**	**-**	**-**
Other										
Depr Amort of Reserve Surplus	(933,588)	PLANT	(28,491)	-	-	(28,491)	-	-	-	-
Regulatory Debits	181,327	AGEXP	6,881	-	-	6,881	-	-	6,204	6,204
Amort. Of Regulatory Asset	3,854,214	LABOR	157,049	-	-	157,049	-	-	-	-
Ratemaking Adjustment	(1,325,000)	PDGPLT	(40,007)	-	-	(40,007)	-	-	-	-
Sub-total	***1,776,953***		***95,432***	**-**	**-**	***95,432***	**-**	**-**	***6,204***	***6,204***
Distribution Plant										
Land & Land Rights	-	0	-	-	-	-	-	-	-	-
M&R Stations	17,837	DIST	-	-	-	-	-	-	-	-
Mains	4,532,743	DIST	-	-	-	-	-	-	-	-
Compressor Station Equipment	141,154	DIST	-	-	-	-	-	-	-	-
Services	5,248,167	CUST	-	-	-	-	-	-	-	-
Meters & Installations	857,975	CUST	-	-	-	-	-	-	-	-
Meters Installations	449,468	CUST	-	-	-	-	-	-	-	-
Other Equipment	51,674	DIST	-	-	-	-	-	-	-	-
Sub-total	***11,299,019***		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
General Plant Plant										
Land & Land Rights	-	0	-	-	-	-	-	-	-	-
Structures & Improvements	642,361	LABOR	26,174	-	-	26,174	-	-	-	-
Office Furniture & Equipment	345,644	LABOR	14,084	-	-	14,084	-	-	-	-
Transportation Equipment	534,213	LABOR	21,768	-	-	21,768	-	-	-	-
Stores Equipment	3,311	LABOR	135	-	-	135	-	-	-	-
Tools, Shop & Garage Equip.	65,199	LABOR	2,657	-	-	2,657	-	-	-	-
Laboratory Equip.	-	0	-	-	-	-	-	-	-	-
Power Operated Equip.	131,974	LABOR	5,378	-	-	5,378	-	-	-	-
Communication Equip.	55,599	LABOR	2,266	-	-	2,266	-	-	-	-
Miscellaneous Equip.	24,986	LABOR	1,018	-	-	1,018	-	-	-	-
Sub-total	***1,803,288***		***73,479***	**-**	**-**	***73,479***	**-**	**-**	**-**	**-**
TOTAL DEPRECIATION EXPENSES	**17,713,892**		**621,789**	**-**	**-**	**621,789**	**-**	**-**	**6,204**	**6,204**
Taxes Other Than Income Taxes										
Payroll	1,713,204	LABOR	69,808	-	-	69,808	-	-	-	-
Property	9,181,806	PLANT	280,208	-	-	280,208	-	-	-	-
Sub-total	***10,895,009***		***350,016***	**-**	**-**	***350,016***	**-**	**-**	**-**	**-**
	-									
TOTAL TAXES OTHER THAN INCOME TAX	**10,895,009**		**350,016**	**-**	**-**	**350,016**	**-**	**-**	**-**	**-**
Operating Revenues										
Distribution Rate Revenue	70,681,266	CUR_REV	-	-	-	-	-	-	-	-
Late Payment Charges - Delivery	435,860	PREV_DEL	-	-	-	-	-	-	-	-
Late Payment Charges - Production	6,604	PREV_PROD	-	-	4,357	4,357	-	-	2,247	2,247
Connect/Reconnect Fees	400,285	CUST	-	-	-	-	-	-	-	-
Other Revenues	38,510	OTH_REV	-	-	-	-	-	-	-	-
Sub-total	***71,562,525***		**-**	**-**	***4,357***	***4,357***	**-**	**-**	***2,247***	***2,247***
TOTAL	**71,562,525**		**-**	**-**	**4,357**	**4,357**	**-**	**-**	**2,247**	**2,247**

Account Allocation Factors
Test Yr with K&N

~	Classification	Col. Ref.	F_PRODU_DPROD	F_PRODU_DPROD_K	F_DISTR_DIST	F_DISTR_CUST	F_PRODU_INDIRECT	F_GASPL_GASCOST	F_GASPL_GASSPLY	F_DISTR_PREV_DEL	F_MISCI_PREV_PROD	F_MISCI_GASSPLY	F_PRODU_REG_COMM
		Allocator	DPROD	DPROD_K	DIST	CUST	INDIRECT	GASCOST	GASSPLY	PREV_DEL	PREV_PROD	GASSPLY	REG_COMM
Rate Class	**Classification**												
Delivery Costs			**0.08700**	**1.00000**	**1.00000**	**1.00000**	**-**	**-**	**-**	**1.00000**	**-**	**-**	**-**
	DEM	5	0.087	1	1	0	0	0	0	0	0	0	0
	CUS	5	0	0	0	1	0	0	0	0	0	0	0
	COM	5	0	0	0	0	0	0	0	1	0	0	0
Direct Gas Costs			-	-	-	-	-	**1.00000**	-	-	-	-	-
	DEM	6	0	0	0	0	0	0	0	0	0	0	0
	CUS	6	0	0	0	0	0	0	0	0	0	0	0
	COM	6	0	0	0	0	0	1	0	0	0	0	0
LPG & LNG			**0.91300**	-	-	-	**0.99339**	-	-	-	**0.65973**	-	-
	DEM	7	0.913	0	0	0	0	0	0	0	0	0	0
	CUS	7	0	0	0	0	0	0	0	0	0	0	0
	COM	7	0	0	0	0	0.993393854	0	0	0	0.659725998	0	0
Misc			-	-	-	-	**0.00661**	-	**1.00000**	-	**0.34027**	**1.00000**	**1.00000**
	DEM	8	0	0	0	0	0	0	0	0	0	0	0
	CUS	8	0	0	0	0	0	0	0	0	0	0	0
	COM	8	0	0	0	0	0.006606146	0	1	0	0.340274002	1	1
~			-	-	-	-	-	-	-	-	-	-	-
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~			-	-	-	-	-	-	-	-	-	-	-
	TOTAL		2.00000	2.00000	2.00000	2.00000	2.00000	2.00000	2.00000	2.00000	2.00000	2.00000	2.00000

F_DISTR_CUR_REV	F_PRODU_PREV_PROD	F_DISTR_OTH_REV	~
CUR_REV	PREV_PROD	OTH_REV	~
1.00000	-	**1.00000**	-
0	0	0	0
0	0	0	0
1	0	1	0
-	-	-	-
0	0	0	0
0	0	0	0
0	0	0	0
-	**0.65973**	-	-
0	0	0	0
0	0	0	0
0	0.659725998	0	0
-	**0.34027**	-	-
0	0	0	0
0	0	0	0
0	0.340274002	0	0
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
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-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
2.00000	2.00000	2.00000	-

	Line Ref	4 Total		5 Delivery Costs	6 Direct Gas Costs	7 LPG & LNG	8 Misc
Expenses			-				
(including non-income taxes & depreciation)			-				
Distribution			-				
	DEM	28,396,851	-	28,396,851	-	-	-
	CUS	27,675,876	-	27,675,876	-	-	-
	COM	1,922,089	-	1,922,089	-	-	-
	Sub-total	***57,994,817***	-	***57,994,817***	**-**	**-**	**-**
			-				
Gas Supply			-				
	DEM	-	-	-	-	-	-
	CUS	-	-	-	-	-	-
	COM	-	-	-	-	-	-
	Sub-total	**-**	-	**-**	**-**	**-**	**-**
			-				
Production			-				
	DEM	2,725,642	-	263,669	-	2,461,973	-
	CUS	-	-	-	-	-	-
	COM	(1,985,925)	-	-	-	(1,979,418)	(6,508)
	Sub-total	***739,717***	-	***263,669***	**-**	***482,556***	***(6,508)***
			-				
Miscellaneous Indr.			-				
	DEM	-	-	-	-	-	-
	CUS	-	-	-	-	-	-
	COM	451,650	-	-	-	14,822	436,828
	Sub-total	***451,650***	-	**-**	**-**	***14,822***	***436,828***
			-				
TOTAL			-				
	DEM	31,122,493	-	28,660,520	-	2,461,973	-
	CUS	27,675,876	-	27,675,876	-	-	-
	COM	387,813	-	1,922,089	-	(1,964,596)	430,321
	Sub-total	***59,186,183***	-	***58,258,485***	**-**	***497,377***	***430,321***
			-				
TOTAL		**59,186,183**	-	**58,258,485**	**-**	**497,377**	**430,321**
			-				
			-				

Interest Expense

			-				
			-				
Distribution			-				
	DEM	3,527,912	-	3,527,912	-	-	-
	CUS	1,965,012	-	1,965,012	-	-	-
	COM	653	-	653	-	-	-
	Sub-total	***5,493,578***	-	***5,493,578***	***-***	***-***	***-***
			-				
Gas Supply			-				
	DEM	-	-	-	-	-	-
	CUS	-	-	-	-	-	-
	COM	-	-	-	-	-	-
	Sub-total	***-***	-	***-***	***-***	***-***	***-***
			-				
Production			-				
	DEM	84,916	-	8,797	-	76,119	-
	CUS	-	-	-	-	-	-
	COM	(2,997)	-	-	-	(2,987)	(10)
	Sub-total	***81,918***	-	***8,797***	***-***	***73,132***	***(10)***
			-				
Miscellaneous Indr.			-				
	DEM	-	-	-	-	-	-
	CUS	-	-	-	-	-	-
	COM	638	-	-	-	-	638
	Sub-total	***638***	-	***-***	***-***	***-***	***638***
			-				
TOTAL			-				
	DEM	3,612,828	-	3,536,709	-	76,119	-
	CUS	1,965,012	-	1,965,012	-	-	-
	COM	(1,705)	-	653	-	(2,987)	629
	Sub-total	***5,576,135***	-	***5,502,374***	***-***	***73,132***	***629***
			-				
TOTAL		**5,576,135**	-	**5,502,374**	**-**	**73,132**	**629**
			-				
			-				
			-				
Revenues		71,562,525	-	71,555,921	-	4,357	2,247
Expenses		59,186,183	-	58,258,485	-	497,377	430,321
Interest Exp+		5,576,135	-	5,502,374	-	73,132	629
Add/Deducts to Oper Inc		(1,325,000)	-	(1,307,473)	-	(17,378)	(149)
Taxable Income		5,475,207	-	6,487,588	-	(583,530)	(428,851)
Income Taxes @ Effective Rate		2,157,779	-	2,556,759	-	(229,969)	(169,010)
Ratio		1.0000	-	1.1849	-	(0.1066)	(0.0783)
Co. Calc. Income Taxes		2,157,769	##				
Allocated Income Taxes		2,157,769	-	2,556,747	-	(229,968)	(169,010)
			-				
			-				
			-				

Return

Distribution							
	DEM	11,735,789	-	11,735,789	-	-	-
	CUS	6,536,718	-	6,536,718	-	-	-
	COM	2,174	-	2,174	-	-	-
	Sub-total	***18,274,681***	-	***18,274,681***	**-**	**-**	**-**
Gas Supply							
	DEM	-	-	-	-	-	-
	CUS	-	-	-	-	-	-
	COM	-	-	-	-	-	-
	Sub-total	**-**	-	**-**	**-**	**-**	**-**
Production							
	DEM	282,477	-	29,263	-	253,214	-
	CUS	-	-	-	-	-	-
	COM	(9,970)	-	-	-	(9,937)	(33)
	Sub-total	***272,506***	-	***29,263***	**-**	***243,277***	***(33)***
Miscellaneous Indr.							
	DEM	-	-	-	-	-	-
	CUS	-	-	-	-	-	-
	COM	2,124	-	-	-	-	2,124
	Sub-total	***2,124***	-	**-**	**-**	**-**	***2,124***
TOTAL							
	DEM	12,018,265	-	11,765,052	-	253,214	-
	CUS	6,536,718	-	6,536,718	-	-	-
	COM	(5,673)	-	2,174	-	(9,937)	2,091
	Sub-total	***18,549,311***	-	***18,303,944***	**-**	***243,277***	***2,091***
TOTAL		**18,549,311**	-	**18,303,944**	**-**	**243,277**	**2,091**

Net Additions/Deductions to Oper. Inc.

Distribution							
	DEM	(838,302)	-	(838,302)	-	-	-
	CUS	(466,926)	-	(466,926)	-	-	-
	COM	(155)	-	(155)	-	-	-
	Sub-total	***(1,305,383)***	-	***(1,305,383)***	***-***	***-***	***-***
Gas Supply							
	DEM	-	-	-	-	-	-
	CUS	-	-	-	-	-	-
	COM	-	-	-	-	-	-
	Sub-total	***-***	-	***-***	***-***	***-***	***-***
Production							
	DEM	(20,178)	-	(2,090)	-	(18,087)	-
	CUS	-	-	-	-	-	-
	COM	712	-	-	-	710	2
	Sub-total	***(19,465)***	-	***(2,090)***	***-***	***(17,378)***	***2***
Miscellaneous Indr.							
	DEM	-	-	-	-	-	-
	CUS	-	-	-	-	-	-
	COM	(152)	-	-	-	-	(152)
	Sub-total	***(152)***	-	***-***	***-***	***-***	***(152)***
TOTAL							
	DEM	(858,479)	-	(840,392)	-	(18,087)	-
	CUS	(466,926)	-	(466,926)	-	-	-
	COM	405	-	(155)	-	710	(149)
	Sub-total	***(1,325,000)***	-	***(1,307,473)***	***-***	***(17,378)***	***(149)***
TOTAL		**(1,325,000)**	-	**(1,307,473)**	**-**	**(17,378)**	**(149)**

Current Income Taxes

Distribution							
	DEM	1,639,288	-	1,639,288	-	-	-
	CUS	913,067	-	913,067	-	-	-
	COM	304	-	304	-	-	-
	Sub-total	***2,552,659***	-	***2,552,659***	***-***	***-***	***-***
Gas Supply							
	DEM	-	-	-	-	-	-
	CUS	-	-	-	-	-	-
	COM	-	-	-	-	-	-
	Sub-total	***-***	-	***-***	***-***	***-***	***-***
Production							
	DEM	(235,274)	-	4,088	-	(239,362)	-
	CUS	-	-	-	-	-	-
	COM	12,073	-	-	-	9,394	2,679
	Sub-total	***(223,201)***	-	***4,088***	***-***	***(229,968)***	***2,679***
Miscellaneous Indr.							
	DEM	-	-	-	-	-	-
	CUS	-	-	-	-	-	-
	COM	(171,689)	-	-	-	-	(171,689)
	Sub-total	***(171,689)***	-	***-***	***-***	***-***	***(171,689)***
TOTAL							
	DEM	1,404,014	-	1,643,376	-	(239,362)	-
	CUS	913,067	-	913,067	-	-	-
	COM	(159,312)	-	304	-	9,394	(169,010)
	Sub-total	***2,157,769***	-	***2,556,747***	***-***	***(229,968)***	***(169,010)***
TOTAL		**2,157,769**	-	**2,556,747**	**-**	**(229,968)**	**(169,010)**

Additional Operating Income

		$ 8,330,738	-	$ 7,563,254	$ -	$ 506,329	$ 261,155
Distribution							
	DEM	4,849,270	-	4,849,270	-	-	-

	CUS	2,700,995	-	2,700,995	-	-	-
	COM	898	-	898	-	-	-
	Sub-total	***7,551,163***	-	***7,551,163***	**-**	**-**	**-**
			-				
Gas Supply			-				
	DEM	-	-	-	-	-	-
	CUS	-	-	-	-	-	-
	COM	-	-	-	-	-	-
	Sub-total	**-**	-	**-**	**-**	**-**	**-**
			-				
Production			-				
	DEM	539,103	-	12,091	-	527,011	-
	CUS	-	-	-	-	-	-
	COM	(24,822)	-	-	-	(20,682)	(4,140)
	Sub-total	***514,280***	-	***12,091***	**-**	***506,329***	***(4,140)***
			-				
Miscellaneous Indr.			-				
	DEM	-	-	-	-	-	-
	CUS	-	-	-	-	-	-
	COM	265,295	-	-	-	-	265,295
	Sub-total	***265,295***	-	**-**	**-**	**-**	***265,295***
			-				
TOTAL			-				
	DEM	5,388,372	-	4,861,361	-	527,011	-
	CUS	2,700,995	-	2,700,995	-	-	-
	COM	241,371	-	898	-	(20,682)	261,155
	Sub-total	***8,330,738***	-	***7,563,254***	**-**	***506,329***	***261,155***
			-				
TOTAL		**8,330,738**	-	**7,563,254**	**-**	**506,329**	**261,155**
			-				
			-				
Income Tax Increase			-				
			-				
Distribution			-				
	DEM	3,154,146	-	3,154,146	-	-	-
	CUS	1,756,828	-	1,756,828	-	-	-
	COM	584	-	584	-	-	-
	Sub-total	***4,911,559***	-	***4,911,559***	**-**	**-**	**-**
			-				
Gas Supply			-				
	DEM	-	-	-	-	-	-
	CUS	-	-	-	-	-	-
	COM	-	-	-	-	-	-
	Sub-total	**-**	-	**-**	**-**	**-**	**-**
			-				
Production			-				
	DEM	350,653	-	7,865	-	342,788	-
	CUS	-	-	-	-	-	-
	COM	(16,145)	-	-	-	(13,452)	(2,693)
	Sub-total	***334,507***	-	***7,865***	**-**	***329,335***	***(2,693)***
			-				
Miscellaneous Indr.			-				
	DEM	-	-	-	-	-	-
	CUS	-	-	-	-	-	-
	COM	172,558	-	-	-	-	172,558
	Sub-total	***172,558***	-	**-**	**-**	**-**	***172,558***
			-				
TOTAL			-				
	DEM	3,504,799	-	3,162,011	-	342,788	-
	CUS	1,756,828	-	1,756,828	-	-	-
	COM	156,997	-	584	-	(13,452)	169,865
	Sub-total	***5,418,624***	-	***4,919,423***	**-**	***329,335***	***169,865***
			-				
TOTAL		**5,418,624**	-	**4,919,423**	**-**	**329,335**	**169,865**
			-				
			-				
~			-				
			-				
Distribution			-				
	DEM	-	-	-	-	-	-
	CUS	-	-	-	-	-	-
	COM	-	-	-	-	-	-
	Sub-total	**-**	-	**-**	**-**	**-**	**-**
			-				

Gas Supply			-				
	DEM	-	-	-	-	-	-
	CUS	-	-	-	-	-	-
	COM	-	-	-	-	-	-
	Sub-total	**-**	**-**	**-**	**-**	**-**	**-**
			-				
Production			-				
	DEM	-	-	-	-	-	-
	CUS	-	-	-	-	-	-
	COM	-	-	-	-	-	-
	Sub-total	**-**	**-**	**-**	**-**	**-**	**-**
			-				
Miscellaneous Indr.			-				
	DEM	-	-	-	-	-	-
	CUS	-	-	-	-	-	-
	COM	-	-	-	-	-	-
	Sub-total	**-**	**-**	**-**	**-**	**-**	**-**
			-				
TOTAL			-				
	DEM	-	-	-	-	-	-
	CUS	-	-	-	-	-	-
	COM	-	-	-	-	-	-
	Sub-total	**-**	**-**	**-**	**-**	**-**	**-**
			-				
TOTAL		**-**	**-**	**-**	**-**	**-**	**-**
			-				

Revenue Requirement

			-				
			-				
			-				
Distribution			-				
	DEM	44,926,074	-	44,926,074	-	-	-
	CUS	36,882,490	-	36,882,490	-	-	-
	COM	1,925,150	-	1,925,150	-	-	-
	Sub-total	***83,733,715***	-	***83,733,715***	***-***	***-***	***-***
			-				
Gas Supply			-				
	DEM	-	-	-	-	-	-
	CUS	-	-	-	-	-	-
	COM	-	-	-	-	-	-
	Sub-total	***-***	-	***-***	***-***	***-***	***-***
			-				
Production			-				
	DEM	3,123,497	-	304,884	-	2,818,613	-
	CUS	-	-	-	-	-	-
	COM	(1,999,968)	-	-	-	(1,993,414)	(6,554)
	Sub-total	***1,123,529***	-	***304,884***	***-***	***825,199***	***(6,554)***
			-				
Miscellaneous Indr.			-				
	DEM	-	-	-	-	-	-
	CUS	-	-	-	-	-	-
	COM	454,643	-	-	-	14,822	439,821
	Sub-total	***454,643***	-	***-***	***-***	***14,822***	***439,821***
			-				
TOTAL			-				
	DEM	48,049,571	-	45,230,958	-	2,818,613	-
	CUS	36,882,490	-	36,882,490	-	-	-
	COM	379,825	-	1,925,150	-	(1,978,592)	433,267
	Sub-total	***85,311,887***	-	***84,038,599***	***-***	***840,021***	***433,267***
			-				
TOTAL		**85,311,887**	-	**84,038,599**	**-**	**840,021**	**433,267**
				0.985074905	0	0.009846473	0.005078622
		1,250,822			-	825,199	425,622
				0	0	0.659725998	0.340274002
				0	-	(0)	(0)

FUNCTIONAL COST STUDY
SUMMARY OF RESULTS

Line No.	Description	System Total	Delivery Costs	Direct Gas Costs	LPG & LNG	Misc	Production Costs
	(A)	(B)	(C)	(D)	(E)	(F)	(G)
	Rate Base						
1	Plant in Service	$ 480,183,923	$ 465,529,818	$ -	$ 14,654,104	$ -	$ 14,654,104
2	Accumulated Reserve	(158,732,601)	(149,518,456)	-	(9,214,145)	-	(9,214,145)
3	Other Rate Base Items	(69,422,638)	(67,316,474)	-	(2,134,571)	28,408	(2,106,164)
4	Total Rate Base	$ 252,028,683	$ 248,694,888	$ -	$ 3,305,388	$ 28,408	$ 3,333,796
	Revenues at Current Rates						
5	Sales Revenue	$ 70,681,266	$ 70,681,266	$ -	$ -	$ -	$ -
6	Miscellaneous Revenues	881,259	874,655	-	4,357	2,247	6,604
7	Total Revenues	$ 71,562,525	$ 71,555,921	$ -	$ 4,357	$ 2,247	$ 6,604
	Expenses at Current Rates						
8	Operations & Maintenance Expenses	$ 30,577,282	$ 30,627,593	$ -	$ (474,427)	$ 424,117	$ (50,310)
9	Depreciation Expense	17,713,892	17,085,899	-	621,789	6,204	627,993
10	Taxes Other Than Income Taxes	10,895,009	10,544,993	-	350,016	-	350,016
11	Total Expenses - Current	$ 59,186,183	$ 58,258,485	$ -	$ 497,377	$ 430,321	$ 927,698
12	Total Income Taxes	$ 2,157,769	$ 2,556,747	$ -	$ (229,968)	$ (169,010)	$ (398,978)
13	Current Operating Income	$ 10,218,573	$ 10,740,689	$ -	$ (263,053)	$ (259,064)	$ (522,117)
14	Return at Current Rates	4.05%	4.32%	0.00%	-7.96%	-911.95%	-15.66%
15	Index Rate of Return	1.00	1.07	-	(1.96)	(224.92)	(3.86)
	Revenue Requirement at Equal Rates of Return						
16	Required Return	7.36%	7.36%	7.36%	7.36%	7.36%	7.36%
17	Required Operating Income	$ 18,549,311	$ 18,303,944	$ -	$ 243,277	$ 2,091	$ 245,367
18	Operating Income (Deficiency)/Surplus	$ (8,330,738)	$ (7,563,254)	$ -	$ (506,329)	$ (261,155)	$ (767,484)
	Expenses at Required Return						
19	Operations & Maintenance Expenses	$ 30,577,282	$ 30,627,593	$ -	$ (474,427)	$ 424,117	$ (50,310)
20	Depreciation Expense	17,713,892	17,085,899	-	621,789	6,204	627,993
21	Taxes Other than Income	10,895,009	10,544,993	-	350,016	-	350,016
22	Interest on Customer Deposits	-	-	-	-	-	-
23	Total Expenses Required	$ 59,186,183	$ 58,258,485	$ -	$ 497,377	$ 430,321	$ 927,698
24	Income Taxes	$ 7,576,393	$ 7,476,170	$ -	$ 99,367	$ 855	$ 100,223
25	Total Revenue Requirement at Equal Return	$ 85,311,887	$ 84,038,599	$ -	$ 840,021	$ 433,267	$ 1,273,288
26	Revenue (Deficiency)/Surplus	$ (13,749,362)	$ (12,482,678)	$ -	$ (835,664)	$ (431,020)	$ (1,266,684)

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FUNCTIONAL COST STUDY
INDIRECT COSTS

Line No.	Description	LPG & LNG Costs	Misc. Production Costs	Bad Debts Excl. LPG & LNG	Gas Cost Working Capital	Total Indirect Costs
	(A)	(B)	(C)	(D)	(E)	(F)
	Summary of Results at Present Rates					
	Rate Base					
1	Gas Plant in Service	$ 14,654,104	$ -	$ -	$ -	$ 14,654,104
2	Accumulated Reserve	(9,214,145)	-	-	-	(9,214,145)
3	Net Utility Plant in Service	$ 5,439,959	$ -	$ -	$ -	$ 5,439,959
	Other Rate Base Items:					
4	Materials & Supplies	$ 209,810	$ -	$ -	$ -	$ 209,810
5	Working Capital	(9,765)	28,408	-	-	18,643
6	Prepayments	82,532	-	-	-	82,532
7	Accumulated Deferred Income Taxes	(2,417,149)	-	-	-	(2,417,149)
8	Total Rate Base	$ 3,305,388	$ 28,408	$ -	$ -	$ 3,333,796
	Revenues					
9	Total Sales Revenue	$ -	$ -	$ -	$ -	$ -
10	Other Operating Revenues	4,357	2,247	-	-	6,604
11	Total Operating Revenues	$ 4,357	$ 2,247	$ -	$ -	$ 6,604
	Expenses					
12	Purchased Gas Costs	$ -	$ -	$ -	$ -	$ -
13	Other O&M excl. Uncollectible	(489,249)	416,472	-	-	(72,777)
14	Uncollectible Expense	14,822	-	7,645	-	22,466
15	Depreciation Expense	621,789	6,204	-	-	627,993
16	Other Taxes	350,016	-	-	-	350,016
17	Income Taxes	(229,968)	(165,997)	(3,013)	-	(398,978)
18	Total Operating Expenses	$ 267,409	$ 256,679	$ 4,632	$ -	$ 528,720
19	Operating Income	$ (263,053)	$ (254,432)	$ (4,632)	$ -	$ (522,117)
20	Rate of Return	-7.96%	-895.65%	0.00%	0.00%	-15.66%
21	Index Rate of Return	1.00	112.54	-	-	1.97
22	Net Revenues	$ -	$ -	$ -	$ -	$ -

FUNCTIONAL COST STUDY
INDIRECT COSTS

Line No.	Description	LPG & LNG Costs	Misc. Production Costs	Bad Debts Excl. LPG & LNG	Gas Cost Working Capital	Total Indirect Costs
	(A)	(B)	(C)	(D)	(E)	(F)
	Summary of Results at Claimed Rates					
	Rate Base					
1	Gas Plant in Service	$ 14,654,104	$ -	$ -	$ -	$ 14,654,104
2	Accumulated Reserve	(9,214,145)	-	-	-	(9,214,145)
3	Net Utility Plant in Service	$ 5,439,959	$ -	$ -	$ -	$ 5,439,959
	Other Rate Base Items:					
4	Materials & Supplies	$ 209,810	$ -	$ -	$ -	$ 209,810
5	Working Capital	$ (9,765)	$ 28,408	$ -	$ -	$ 18,643
5	Prepayments	82,532	-	-	-	82,532
6	Accumulated Deferred Income Taxes	(2,417,149)	-	-	-	(2,417,149)
7	Total Rate Base	$ 3,305,388	$ 28,408	$ -	$ -	$ 3,333,796
8	Required Rate of Return	7.36%	7.36%	7.36%	7.36%	7.36%
9	Required Operating Income	$ 243,277	$ 2,091	$ -	$ -	$ 245,367
	Expenses					
10	Purchased Gas Costs	$ -	$ -	$ -	$ -	$ -
11	Other O&M excl. Uncollectible	(489,249)	416,472	-	-	(72,777)
12	Uncollectible Expense	14,822	-	7,645	-	22,466
13	Depreciation Expense	621,789	6,204	-	-	627,993
14	Other Taxes	350,016	-	-	-	350,016
15	Total Expenses Required	$ 497,377	$ 422,676	$ 7,645	$ -	$ 927,698
16	Income Taxes	99,367	856	(0)	-	$ 100,223
17	Total Rev.Req. at Required Return	$ 840,021	$ 425,622	$ 7,645	$ -	$ 1,273,288
	Revenues					
18	Total Sales Revenue	$ 835,664	$ 423,375	$ 7,645	$ -	$ 1,266,684
19	Other Operating Revenues	4,357	2,247	-	-	6,604
20	Total Operating Revenues	$ 840,021	$ 425,622	$ 7,645	$ -	$ 1,273,288

Functional Cost Study
Internal Allocators

Allocator Name	Description	Total	Delivery Costs	Direct Gas Costs	Production Costs	Misc. Costs
PLANT	Total Plant in Service	480,183,923	465,529,818	-	14,654,104	-
	Percent	100.00%	96.95%	0.00%	3.05%	0.00%
OMEXPX	TOI and O&M Exp. excl. gas costs & uncollectible	39,962,714	39,689,396	-	(143,155)	416,472
	Percent	100.00%	99.32%	0.00%	-0.36%	1.04%
PRODOEXP	Production Operations Expenses	681,172	37,623	-	643,549	-
	Percent	100.00%	5.52%	0.00%	94.48%	0.00%
PRODMNTX	Production Maintenance Expenses	72,133	6,276	-	65,857	-
	Percent	100.00%	8.70%	0.00%	91.30%	0.00%
DISTOPX	Distribution Operations Expense	8,187,092	8,187,092	-	-	-
	Percent	100.00%	100.00%	0.00%	0.00%	0.00%
DISTMNX	Distribution Maintenance Expense	2,855,141	2,855,141	-	-	-
	Percent	100.00%	100.00%	0.00%	0.00%	0.00%
CACCTX	Customer Accounting Expenses	4,290,715	4,290,715	-	-	-
	Percent	100.00%	100.00%	0.00%	0.00%	0.00%
LABOR	Labor expense excluding A&G	11,426,760	10,961,151	-	465,609	-
	Percent	100.00%	95.93%	0.00%	4.07%	0.00%
GENPLT	General Plant	30,610,544	29,363,248	-	1,247,295	-
	Percent	100.00%	95.93%	0.00%	4.07%	0.00%
AGxTRANSFER	A&G Expenses excluding transfer	20,565,043	18,696,867	-	764,690	1,103,486
	Percent	100.00%	90.92%	0.00%	3.72%	5.37%
AGEXP	Total A&G Expense	12,557,120	11,650,967	-	476,517	429,635
	Percent	100.00%	92.78%	0.00%	3.79%	3.42%
DISTRPLT	Distribution Plant	420,465,832	420,465,832	-	-	-
	Percent	100.00%	100.00%	0.00%	0.00%	0.00%
RTBASE	Rate Base	252,028,683	248,694,888	-	3,305,388	28,408
	Percent	100.00%	98.68%	0.00%	1.31%	0.01%
PDGPLT	Production, Distribution & General Plant	465,438,034	451,384,784	-	14,053,250	-
	Percent	100.00%	96.98%	0.00%	3.02%	0.00%

Acct. No.	Account Description	Energy North	Keene
RATE BASE			
Plant in Service			
	Intangible Plant		
301	Organizational Expense		
302	Franchise & Consents		
303	Misc. Intangible Plant	14,745,889	
	Sub-total	***14,745,889***	***-***
	Underground Storage Plant		
350.1	Land		
350.2	Land Rights		
350.4	Land and Land Rights		
351.0	Structures & Improvements		
352.0	Wells		
352.3	Non-Recoverable Natural Gas		
353.0	Lines		
354.0	Compressor Station Equipment		
355.0	Other Equipment		
356.0	Purification Equipment		
357.0	Other Equipment		
~	~		
	Sub-total	***-***	***-***
	Production Plant		
	Production Plant EN	14,026,237	
	Production Plant Keene		335,421
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	Sub-total	***14,026,237***	***335,421***
	Transmission Plant		
365.1	Land & Land Rights		
365.2	Rights of Way		
366.0	Structures & Improvements		
367.0	Mains		
369.0	Measuring & Regulating Station Equip.		
371.0	Other Equipment		
	Sub-total	***-***	***-***

	Distribution Plant		
365.0	Land & Land Rights	197,931	
366.0	M&R Stations	623,659	
367.0	Mains	228,645,468	2,433,984
369.0	Compressor Station Equipment	4,909,208	15,020
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380.0	Services	146,722,140	790,615
381.0	Meters & Meter Installations	20,464,512	317,013
382.0	Meters Installations	14,360,005	
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387.0	Other Equipment	908,013	78,264
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	Sub-total	***416,830,936***	***3,634,896***
	General Plant		
389.0	Land & Land Rights	16,806	
390.0	Structures & Improvements	22,070,702	55,693
391.0	Office Furniture & Equipment	2,806,393	104,923
392.0	Transportation Equipment	2,566,139	184,011
393.0	Stores Equipment	99,421	
394.0	Tools, Shop & Garage Equip.	1,047,162	101,181
395.0	Laboratory Equip.		
396.0	Power Operated Equip.	491,943	235,024
397.0	Communication Equip.	443,965	33,614
398.0	Miscellaneous Equip.	348,302	5,264
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	Sub-total	***29,890,834***	***719,710***
	Common Plant		
301	Organization		
303	Misc Intangible Plant		
389	Land		
390	Structures and Improvements		
391	Office Furniture and Equipment		
392	Autos		
393	Stores Equipment		
394	Tools/Garage Equip		

395	Laboratory Equipment		
396	Power Operated Equipment		
397	Communication Equipment		
398	Misc. Equipment		
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	Sub-total	**-**	**-**
	TOTAL PLANT-IN-SERVICE	**475,493,896**	**4,690,027**

Accumulated Reserve for Depreciation

	Intangible Plant		
301	Organizational Expense		
302	Franchise & Consents		
303	Misc. Intangible Plant	(4,975,703)	
	Sub-total	***(4,975,703)***	**-**
	Underground Storage Plant		
350.1	Land		
350.2	Land Rights		
350.4	Land and Land Rights		
351.0	Structures & Improvements		
352.0	Wells		
352.3	Non-Recoverable Natural Gas		
353.0	Lines		
354.0	Compressor Station Equipment		
355.0	Other Equipment		
356.0	Purification Equipment		
357.0	Other Equipment		
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	Sub-total	**-**	**-**
	Production Plant		
	Production Plant EN	(9,579,080)	
	Production Plant Keene		(188,851)
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	Sub-total	***(9,579,080)***	***(188,851)***
	Transmission Plant		
365.1	Land & Land Rights		
365.2	Rights of Way		
366.0	Structures & Improvements		
367.0	Mains		
369.0	Measuring & Regulating Station Equip.		

371.0	Other Equipment		
~	~		
	Sub-total	**-**	**-**
	Distribution Plant		
365.0	Land & Land Rights		
366.0	M&R Stations	(455,849)	
367.0	Mains	(54,187,131)	(931,890)
369.0	Compressor Station Equipment	(1,889,616)	(8,641)
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380.0	Services	(66,714,617)	(199,640)
381.0	Meters & Meter Installations	(9,942,986)	(216,337)
382.0	Meter Installations	(2,510,354)	
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387.0	Other Equipment	(339,112)	(38,686)
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	Sub-total	***(136,039,665)***	***(1,395,194)***
	General Plant		
389.0	Land & Land Rights		
390.0	Structures & Improvements	(3,314,051)	(55,693)
391.0	Office Furniture & Equipment	(405,700)	(104,923)
392.0	Transportation Equipment	(623,499)	(184,011)
393.0	Stores Equipment	(28,007)	
394.0	Tools, Shop & Garage Equip.	(540,550)	(101,181)
395.0	Laboratory Equip.		
396.0	Power Operated Equip.	(430,651)	(235,024)
397.0	Communication Equip.	(212,912)	(27,838)
398.0	Miscellaneous Equip.	(151,520)	(5,264)
	OPI Structures Retained	(133,284)	
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	Sub-total	***(5,840,173)***	***(713,935)***
	Other		
301	Organization		
303	Misc Intangible Plant		
389	Land		
390	Structures and Improvements		

	391	Office Furniture and Equipment		
	392	Autos		
	393	Stores Equipment		
	394	Tools/Garage Equip		
	395	Laboratory Equipment		
	396	Power Operated Equipment		
	397	Communication Equipment		
	398	Misc. Equipment		
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		Sub-total	**-**	**-**
		TOTAL DEPRECIATION ACCRUAL	**(156,434,622)**	**(2,297,980)**
		NET PLANT	**319,059,274**	**2,392,047**

Rate Base Adjustments

		Additions		
	152	Gas Materials and Supplies	6,833,143	115,674
	164	Gas Stored Underground - Current A/C 164		
	164	LNG Inventory - Current A/C 164		
	117	Gas Stored Underground - Non-Current A/C 117		
		Cash Working Capital (Other)	2,635,735	90,125
		Cash Working Capital (Gas)		
		Prepayments	2,704,979	28,454
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		Sub-total	***12,173,857***	***234,253***
		Deductions		
		Customer Deposits	(1,774,868)	(882)
		Interest on Customer Deposits		
		Accum. Deferred Income Taxes	(79,581,891)	(473,107)
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	Sub-total	***(81,356,759)***	***(473,989)***
	TOTAL RATE BASE ADJ.	**(69,182,902)**	**(239,736)**
TOTAL RATE BASE		**249,876,372**	**2,152,311**

EXPENSES

O & M Expenses

	Production (LPG LNG) - Operation		
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710	Supervision	333,238	
717	LPG - Production	263,598	
728	LPG - Materials	46,178	
733	Gas Mixing & Misc Exp - Keene		(23,701)
735	Misc. Prod. Exp.	388,258	
841.0	Operation Labor & Expenses	2,543	
846.0	Other	4,296	
	Indirect Expenses	(1,992,581)	
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	Sub-total	***(954,471)***	***(23,701)***
	Production (LPG LNG) - Maintenance		
742	Maint. of Prod. Equip	72,133	
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	Sub-total	***72,133***	***-***
	Total Production	***(882,338)***	***(23,701)***
	Purchased Gas Expenses		
804.0	Gas Supply		
808.0	Storage Gas		
	Other Gas Supply		
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	Sub-total	***-***	***-***
	Storage Operation Expenses		
814.0	Operation Supervision & Engineering		
815.0	Maps & Records		
816.0	Wells Expenses		
817.0	Lines Expense		
818.0	Compressor Station Expenses		
819.0	Compressor Station Fuel & Power		
820.0	M&R Station Expenses		
821.0	Purification Expenses		

822.0	Exploration & Development		
823.0	Gas Losses		
824.0	Other Expenses		
825.0	Storage Well Royalties		
826.0	Rents		
	Sub-total	**-**	**-**
	Storage Maintenance Expenses		
830.0	Maintenance Supervision & Engineering		
831.0	Maintenance of Structures & Improvements		
832.0	Maintenance of Reservoirs & Wells		
833.0	Maintenance of Lines		
834.0	Maintenance of Compr. Sta. Equipment		
835.0	Maintenance of M&R Sta. Equipment		
836.0	Maintenance of Purification Equipment		
837.0	Maintenance of Other Equipment		
	Sub-total	**-**	**-**
	Total Storage	**-**	**-**
	Other Storage Operation Expenses		
840.0	Operation Supervision & Engineering		
841.0	Operation Labor & Expenses		
842.0	Rents		
842.1	Fuel		
842.2	Power		
842.3	Gas Losses		
846.0	Other		
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	Sub-total	**-**	**-**
	Other Storage Maintenance Expenses		
843.1	Maintenance Supervision & Engineering		
843.2	Maintenance of Structures		
843.3	Maintenance of Gas Holders		
843.4	Maintenance of Purification Equipment		
843.5	Maintenance of Liquefaction Equipment		
843.6	Maintenance of Vaporizing Equipment		
843.7	Maintenance of Compressor Equipment		
843.8	Maintenance of M&R Equipment		
843.9	Maintenance of Other Equipment		
	Sub-total	**-**	**-**
	Total LNG	**-**	**-**
	Transmission Operation Expenses		
850	Operation Supervision & Engineering		
851	System Control & Load Dispatching		
852	Communication System Expenses		
853	Compressor Sta. Labor & Expenses		

854	Gas for Compressor Station Fuel		
855	Other Fuel & Power for Compressor Sta.		
856	Mains Expenses		
857	M&R Station Expenses		
858	T&C of Gas by Others		
859	Other Expenses		
860	Rents		
	Sub-total	**-**	**-**
	Transmission Maintenance Expenses		
861	Maintenance Supervision & Engineering		
862	Maintenance of Structures & Improvements		
863	Maintenance of Mains		
864	Maintenance of Compressor Station Equipment		
865	Maintenance of M&R Station Equipment		
866	Maintenance of Communication Equipment		
867	Maintenance of Other Equipment		
	Sub-total	**-**	**-**
	Total Transmission	**-**	**-**
	Distribution Operation Expenses		
870	Operation Supervision & Engineering	1,725,207	
871	Distribution Load Dispatch	252,649	
872	Compressor Station Expense		
874	Mains & Services Expenses	4,839,649	60,249
875	M&R Station Expenses - General	160,140	
876	M&R Station Expenses - Industrial	14,536	
877	M&R Station Expenses - City Gate		
878	Meter & House Regulator Expenses	1,800,052	
879	Customer Installation Expenses	2,443	56,450
880	Other Expenses	924,757	64,071
881	Rents	12,098	
	Sub-total	***9,731,529***	***180,770***
	Distribution Maintenance Expenses		
885	Maint. Supervision & Engineering	-	
886	Maint. of Structures & Improv.	100,497	22,760
887	Maint. of Mains	1,679,885	(5,948)
889	Maint. of M&R Station Equip. - General	55,977	
890	Maint. of M&R Station Equip. - Industrial		
891	Maint. of M&R Station Equip. - City Gate		
892	Maint. of Services	657,159	20,855
893	Maint. of Meters & House Regulators	242,202	68,068
894	Maint. of Other Equip.	6,346	7,340
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	Sub-total	***2,742,066***	***113,075***
	Total Distribution	***12,473,595***	***293,845***
	Customer Account		
901	Supervision	199,462	
902	Meter Reading	381,446	26,596
903	Customer Records & Collection	3,904,481	(2,410)

904	Uncollectable Accounts - Delivery	1,491,362	13,920
905	Uncollectable Accounts - Production		
905	Misc. Customer Accounts	(19,398)	
~	~		
904	Uncollectable Account - Increase		
	Sub-total	***5,957,352***	***38,107***
	Customer Service & Information Expenses		
907	Supervision		
908	Customer Assistance Expense		
909	I&I Advertising Expense		
910	Misc Customer Assistance Expense	2,521	
	Sub-total	***2,521***	**-**
	Sales Expenses		
911	Supervision		
912	Demostrating & Selling Expenses	160,782	
913	Advertising Expenses		
916	Misc. Sales Expenses		
	Sub-total	***160,782***	**-**
	Administrative and General Expenses		
920	Administrative & General Salaries	4,547,575	330,816
920	A&G Salaries - Energy Procurement	641,584	
921	Office Supplies	1,120,482	98,677
921	Office Supplies - Energy Procurement	69,699	
922	A&G Transferred	(7,749,920)	
922	A&G Transferred - Energy Procurement	(258,003)	
923	Outside Services	3,979,699	357
923	Outside Serv. - Gas Acquistion	381,674	
924	Property Insurance	38,113	(2,183)
925	Injuries & Damages	877,844	197,006
926	Employee Pension & Benefits	7,142,067	85,514
928	Regulatory Commission - Delivery	693,340	12,076
928	Regulatory Commission - Production		
930	Misc. General Expenses	(129,230)	200,000
931	Office Rent	96,964	49,087
932	Maintenance of General Plant	133,881	
935	Maintenance of General Plant		
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	Sub-total	***11,585,769***	***971,351***
	TOTAL O & M EXPENSES	**29,297,681**	**1,279,602**

Labor Expense

	Production - Operation		
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710	Supervision	299,027	
~	~	244,855	
717	LPG - Production	13,574	
728	LPG - Materials	194,832	
733	Gas Mixing & Misc Exp - Keene		(9,365)
735	Misc. Prod. Exp.	2,543	
841.0	Operation Labor & Expenses		
846.0	Other		
	Sub-total	***754,832***	***(9,365)***
	Production - Maintenance		
742	Maint. of Prod. Equip	-	-
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	Sub-total	***-***	***-***
	Total Production	***754,832***	***(9,365)***
	Other Gas Expenses		
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	Sub-total	***-***	***-***
	Storage Operation Expenses		
814.0	Operation Supervision & Engineering		
815.0	Maps & Records		
816.0	Wells Expenses		
817.0	Lines Expense		
818.0	Compressor Station Expenses		
819.0	Compressor Station Fuel & Power		
820.0	M&R Station Expenses		
821.0	Purification Expenses		
822.0	Exploration & Development		
823.0	Gas Losses		
824.0	Other Expenses		
825.0	Storage Well Royalties		
826.0	Rents		
	Sub-total	***-***	***-***
	Storage Maintenance Expenses		
830.0	Maintenance Supervision & Engineering		
831.0	Maintenance of Structures & Improvements		
832.0	Maintenance of Reservoirs & Wells		
833.0	Maintenance of Lines		

834.0	Maintenance of Compr. Sta. Equipment		
835.0	Maintenance of M&R Sta. Equipment		
836.0	Maintenance of Purification Equipment		
837.0	Maintenance of Other Equipment		
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	Sub-total	**-**	**-**
	Total Storage	**-**	**-**
	LNG Operation Expenses		
840.0	Operation Supervision & Engineering		
841.0	Operation Labor & Expenses		
842.0	Rents		
842.1	Fuel		
842.2	Power		
842.3	Gas Losses		
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	Sub-total	**-**	**-**
	LNG Maintenance Expenses		
843.1	Maintenance Supervision & Engineering		
843.2	Maintenance of Structures		
843.3	Maintenance of Gas Holders		
843.4	Maintenance of Purification Equipment		
843.5	Maintenance of Liquefaction Equipment		
843.6	Maintenance of Vaporizing Equipment		
843.7	Maintenance of Compressor Equipment		
843.8	Maintenance of M&R Equipment		
843.9	Maintenance of Other Equipment		
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	Sub-total	**-**	**-**
	Total Storage	**-**	**-**
	Transmission Operation Expenses		
850	Operation Supervision & Engineering		
851	System Control & Load Dispatching		
852	Communication System Expenses		
853	Compressor Sta. Labor & Expenses		
854	Gas for Compressor Station Fuel		
855	Other Fuel & Power for Compressor Sta.		
856	Mains Expenses		
857	M&R Station Expenses		
858	T&C of Gas by Others		
859	Other Expenses		
860	Rents		
	Sub-total	**-**	**-**
	Transmission Maintenance Expenses		

861	Maintenance Supervision & Engineering		
862	Maintenance of Structures & Improvements		
863	Maintenance of Mains		
864	Maintenance of Compressor Station Equipment		
865	Maintenance of M&R Station Equipment		
866	Maintenance of Communication Equipment		
867	Maintenance of Other Equipment		
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	Sub-total	***-***	***-***
	Total Transmission	***-***	***-***
	Distribution Operation Expenses		
870	Operation Supervision & Engineering	847,506	
871	Distribution Load Dispatch	215,372	
872	Compressor Station Expense		
874	Mains & Services Expenses	3,237,065	
875	M&R Station Expenses - General	129,841	
876	M&R Station Expenses - Industrial	9,569	
877	M&R Station Expenses - City Gate		
878	Meter & House Regulator Expenses	1,521,556	
879	Customer Installation Expenses	2,443	15,447
880	Other Expenses	465,753	3,028
881	Rents		
	Sub-total	***6,429,105***	***18,474***
	Distribution Maintenance Expenses		
885	Maint. Supervision & Engineering		
886	Maint. of Structures & Improv.	76,755	6,460
887	Maint. of Mains	659,230	(2,624)
889	Maint. of M&R Station Equip. - General	30,851	
890	Maint. of M&R Station Equip. - Industrial		
891	Maint. of M&R Station Equip. - City Gate		
892	Maint. of Services	354,185	13,476
893	Maint. of Meters & House Regulators	151,383	44,989
894	Maint. of Other Equip.	2,828	1,201
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	Sub-total	***1,275,233***	***63,502***
	Total Distribution	***7,704,338***	***81,977***
	Customer Account		
901	Supervision	185,091	
902	Meter Reading	366,790	19,891
903	Customer Records & Collection	2,451,580	(3,482)
904	Uncollectable Accounts		
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905	Misc. Customer Accounts		
	Sub-total	***3,003,461***	***16,409***
	Customer Service & Information Expenses		

907	Supervision		
908	Customer Assistance Expense		
909	I&I Advertising Expense		
910	Misc Customer Assistance Expense	3,994	
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	Sub-total	***3,994***	**-**
	Sales Expenses		
911	Supervision		
912	Demostrating & Selling Expenses	115,969	
913	Advertising Expenses		
916	Misc. Sales Expenses		
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	Sub-total	***115,969***	**-**
	TOTAL O & M LABOR EXP.	**11,582,594**	**89,021**

Depreciation Expense

	Intangible Plant		
301	Organizational Expense		
302	Franchise & Consents		
303	Misc. Intangible Plant	2,378,512	
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	Sub-total	***2,378,512***	**-**
	Underground Storage Plant		
350.1	Land		
350.2	Land Rights		
350.4	Land and Land Rights		
351.0	Structures & Improvements		
352.0	Wells		
352.3	Non-Recoverable Natural Gas		
353.0	Lines		
354.0	Compressor Station Equipment		
355.0	Other Equipment		
356.0	Purification Equipment		
357.0	Other Equipment		
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	Sub-total	**-**	**-**
	Production Plant		
	Production Plant EN	389,879	
	Production Plant Keene		66,241
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	Sub-total	***389,879***	***66,241***
	Other		
	Depr Amort of Reserve Surplus	(933,588)	
	Regulatory Debits	181,327	
	Amort. Of Regulatory Asset	3,854,214	
	Ratemaking Adjustment	(1,325,000)	
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	Sub-total	***1,776,953***	***-***
	Distribution Plant		
365.0	Land & Land Rights		
366.0	M&R Stations	17,837	
367.0	Mains	4,389,993	142,750
369.0	Compressor Station Equipment	140,403	751
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380.0	Services	5,208,636	39,531
381.0	Meters & Installations	840,470	17,505
382.0	Meters Installations	449,468	
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387.0	Other Equipment	47,761	3,913
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	Sub-total	***11,094,568***	***204,451***
	General Plant Plant		
389.0	Land & Land Rights		
390.0	Structures & Improvements	631,222	11,139
391.0	Office Furniture & Equipment	335,152	10,492
392.0	Transportation Equipment	513,228	20,985
393.0	Stores Equipment	3,311	
394.0	Tools, Shop & Garage Equip.	55,081	10,118
395.0	Laboratory Equip.		
396.0	Power Operated Equip.	98,389	33,585
397.0	Communication Equip.	44,396	11,203
398.0	Miscellaneous Equip.	23,232	1,754
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	Sub-total	***1,704,011***	***99,277***
	TOTAL DEPRECIATION EXPENSES	**17,343,923**	**369,969**

Interest and Other Expenses

	Interest Expense	5,528,515	47,620
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	Sub-total	***5,528,515***	***47,620***
	TOTAL INTEREST AND OTHER EXPENSES	**5,528,515**	**47,620**

Taxes Other Than Income Taxes

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408	Payroll	1,670,618	42,586
408	Property	9,048,203	133,603
408	State Sales Tax		
408	Federal Excise Tax		
408	Medicare		
408	Public Utility Fee		
408	Franchise Tax		
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408	RESERVED FOR TOI REVENUE % INCREASES		
408	RESERVED FOR TOI REVENUE % INCREASES		
	Sub-total	***10,718,821***	***176,189***
	TOTAL TAXES OTHER THAN INCOME TAX	**10,718,821**	**176,189**

Additions to Operating Income

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	TOTAL	**-**	**-**

Deductions from Operating Income

Ratemaking Adjustment	(1,325,000)	
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TOTAL	**(1,325,000)**	**-**

Net Additions/Deductions to Oper. Inc.

	(1,325,000)	**-**

Other

Interest on Customer Deposits		
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TOTAL	**-**	**-**

Income Taxes

Income Taxes	2,366,482	(208,713)
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TOTAL	**2,366,482**	**(208,713)**

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TOTAL	-	-

Operating Revenues

Distribution Rate Revenue	69,349,431	1,331,835
Late Payment Charges - Delivery	442,464	
Late Payment Charges - Production		
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Connect/Reconnect Fees	400,285	
Other Revenues	26,535	11,975
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Sub-total	***70,218,715***	***1,343,810***
TOTAL		

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Kubra Invoices			
Date	**Invoice Number**	**Invoice Amount**	**Number of Letters**
6/30/2023	192547	$ 71,461.00	275,923
7/31/2023	194160	$ 64,039.13	180,812
8/31/2023	194570	$ 64,432.61	180,337
9/30/2023	**195467**	**$ 114,542.64**	**339,008**
10/31/2023	196435	$ 73,134.79	264,292
11/30/2023	197314	$ 63,456.18	178,846
12/31/2023	198199	$ 66,228.53	258,629
1/31/2024	199231	$ 66,514.31	254,461
2/29/2024	200120	$ 60,468.37	173,247
3/31/2024	201060	$ 69,369.36	260,338
4/30/2024	201959	$ 67,786.28	249,931

Estimated Costs to Print/Mail FPO Letters			
Item	**Cost per item**	**# of Items**	**Total Charge**
Impressions	$ 0.015000	2	**$ 0.030000**
Pages Letterhead	$ 0.013976	1	**$ 0.013976**
Outer Mailing Envelope (OME)	$ 0.036733	1	**$ 0.036733**
Machine Insertion	$ 0.020000	1	**$ 0.020000**
Business Reply Envelope (BRE)	$ 0.026236	1	**$ 0.026236**
Postage 1-OZ	$ 0.640000	1	**$ 0.640000**
		Total Cost	**$ 0.766945**

# of FPO Letters sent per billing:	
Keene	518
ENNG	81,617
Total Letters	**82,135**

Total Est. Cost:	**$ 62,993.03**

1st FPO letters were included in the September invoice

The printed impression on the front and back of a sheet - 1 sheets = 2 impressions
One sheet of paper

Insertion of the BRE into the OME

Postage for 1oz package

Docket No. DG 24-106
DOE Technical Statement
Attachment B (DOE 1-11_COG)

Rate Class:	Summer 2023 Consumption (therms):
R-1	207,451
R-3	9,333,390
G-41	1,929,987
G-42	1,846,801
G-43	874,098
G-51	979,807
G-52	1,195,301
G-53	433,967
G-54	244,297
Total	17,045,098

Projected 10/31/2024 Ending Balance as of September trigger: $ (6,263,305.99)

Rate Class:	% of Consumption	$ Allocation	Move Out Allocation	Refund Allocation
R-1	1.22%	$ (76,229.03)	$ (6,176.08)	$ (70,052.95)
R-3	54.76%	$ (3,429,600.29)	$ (287,113.67)	$ (3,142,486.63)
G-41	11.32%	$ (709,183.11)	$ (33,461.64)	$ (675,721.47)
G-42	10.83%	$ (678,616.16)	$ (19,142.40)	$ (659,473.76)
G-43	5.13%	$ (321,191.52)	$ (279.73)	$ (320,911.79)
G-51	5.75%	$ (360,035.03)	$ (21,786.95)	$ (338,248.08)
G-52	7.01%	$ (439,219.41)	$ (13,304.40)	$ (425,915.02)
G-53	2.55%	$ (159,463.30)	$ (26,185.39)	$ (133,277.91)
G-54	1.43%	$ (89,768.14)	$ (1,909.73)	$ (87,858.41)
Total	100.00%	$ (6,263,305.99)	$ (409,359.99)	$ (5,853,946.00)

	R-1	R-3	G-41	G-42	G-43	G-51	G-52	G-53	G-54
Current customers with activity	2,622	73,387	7,103	705	30	846	178	7	5
No activity during Summer 2023	205	2,707	778	24	1	67	11	2	1
Moved out	427	12,620	1,058	48	1	96	14	1	1
Total Customers	3,254	88,714	8,939	777	32	1,009	203	10	7
Usage:									
Minimum	1.03	1.03	1.03	1.17	164.01	1.03	4.12	1,250.24	140.97
Maximum	1,050.76	3,001.53	12,886.17	74,112.03	206,320.20	6,675.12	39,533.03	88,178.22	126,181.20
Average	72.71	116.52	258.52	2,545.68	29,111.21	1,088.08	6,493.99	51,815.06	47,819.96
Move out %:									
% of therms	8.10%	8.37%	4.72%	2.82%	0.09%	6.05%	3.03%	16.42%	2.13%
Total % of therms		8.37%							4.21%
% of customers	13.12%	14.23%	11.84%	6.18%	3.13%	9.51%	6.90%	10.00%	14.29%
Total % of customers		14.19%							11.11%
Credits:									
Minimum	$ (0.38)	$ (0.38)	$ (0.38)	$ (0.43)	$ (60.27)	$ (0.38)	$ (1.52)	$ (459.41)	$ (51.80)
Maximum	$ (386.11)	$ (1,103.02)	$ (4,741.90)	$ (27,232.83)	$ (75,813.38)	$ (2,452.81)	$ (14,566.36)	$ (32,401.52)	$ (46,365.91)
Average	$ (26.72)	$ (42.82)	$ (95.13)	$ (935.42)	$ (10,697.06)	$ (399.82)	$ (2,392.78)	$ (19,039.70)	$ (17,571.68)

Month End	Winter Deferral Account Balance	Interest	
Nov-19	(2,180,258.36)	(1,405.77)	Winter 19-20
Dec-19	(3,492,972.71)	(12,359.60)	Winter 20-21
Jan-20	(2,389,135.67)	(11,808.77)	Winter 21-22
Feb-20	(1,377,443.95)	-	Winter 22-23
Mar-20	2,279,045.39	(5,233.59)	
Apr-20	2,227,420.81	5,994.48	
May-20	1,899,875.59	5,672.86	Winter Average
Jun-20	1,977,786.77	5,158.05	
Jul-20	2,308,815.14	5,891.82	Winter Average - Absolute Values
Aug-20	2,427,070.89	6,509.35	
Sep-20	2,672,360.35	6,783.24	
Oct-20	2,901,812.64	7,661.56	
Nov-20	845,656.70	4,984.87	
Dec-20	(883,558.49)	(52.10)	
Jan-21	1,574,351.14	949.48	
Feb-21	3,955,982.21	6,866.60	
Mar-21	3,578,128.65	10,355.44	
Apr-21	1,431,639.15	6,663.97	
May-21	707,643.50	2,940.39	
Jun-21	206,908.69	1,216.53	
Jul-21	(381,806.75)		
Aug-21	(999,105.82)	(1,898.03)	
Sep-21	(2,203,771.76)	(4,272.11)	
Oct-21	(3,130,570.93)	(7,351.98)	
Nov-21	(9,585,109.60)	(16,960.62)	
Dec-21	(9,650,744.87)	(26,511.52)	
Jan-22	(174,422.38)	(13,541.39)	
Feb-22	10,404,621.58	12,736.84	
Mar-22	8,897,794.71	26,603.26	
Apr-22	5,378,796.79	20,505.33	
May-22	3,227,762.80	12,772.96	
Jun-22	2,133,736.11	8,798.96	
Jul-22	549,306.45	5,401.13	
Aug-22	(1,528,807.06)	(2,282.41)	
Sep-22	(2,881,616.53)	(9,946.28)	
Oct-22	(3,286,163.06)	(16,326.63)	
Nov-22	(16,988,163.44)	(53,156.17)	
Dec-22	(13,128,584.58)	(119,676.51)	
Jan-23	(16,100,051.96)	(92,795.66)	
Feb-23	(4,410,791.76)	(60,789.89)	
Mar-23	(8,437,654.37)	(42,146.76)	

Apr-23	(8,577,690.12)	(55,757.55)
May-23	(8,732,725.44)	(58,608.88)
Jun-23	(7,967,624.03)	(56,429.73)
Jul-23	(6,463,916.14)	(50,223.29)
Aug-23	(6,262,120.61)	(45,770.55)
Sep-23	(5,104,344.19)	(39,566.56)
Oct-23	8,548,886.55	12,388.66

			Winter		
Beginning Bal	Ending Bal	Change	Max Bal	Min Bal	Average Bal
(2,180,258.36)	2,227,420.81	4,407,679.17	2,279,045.39	(3,492,972.71)	(822,224.08)
845,656.70	1,431,639.15	585,982.45	3,955,982.21	(883,558.49)	1,750,366.56
(9,585,109.60)	5,378,796.79	14,963,906.39	10,404,621.58	(9,650,744.87)	878,489.37
(16,988,163.44)	(8,577,690.12)	8,410,473.32	(4,410,791.76)	(16,988,163.44)	(11,273,822.70)
(6,976,968.68)	115,041.66	7,092,010.33	3,057,214.36	(7,753,859.88)	(2,366,797.71)
7,399,797.03	4,403,886.72	7,092,010.33	5,262,610.24	7,753,859.88	3,681,225.68

Total Int
(24,813.25)
29,768.26
2,831.90
(424,322.54)
(104,133.91)
120,433.99

LIBERTY UTILITIES (ENERGYNORTH NATURAL GAS) CORP. D/B/A LIBERTY
Weather Normalization - Firm Sendout (Therms)

	Period	Actual Firm Sendout	Base Use	Heat Use	Actual Calendar Month Degree Days	Normal Calendar Month Degree Days	Colder (Warmer) Than Normal	Actual Unit Heat Load Therm/DD	Weather Adjustment	Normal Heat Load	Normalized Firm Sendout	Actual Company Use	Unaccounted For 2.64%	Total Firm Sendout
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
				(1) - (2)			(4) - (5)	(3) / (4)	(6) X (7)	(5) X (7)	(1) - (3) + (9)		(10 - 11) * 2.64%	(10) + (11) + (12)
1	Nov-23	11,498,106	113,398	11,384,708	762	707	55	14,940.56	(821,731)	10,562,977	10,676,375	17,823	281,386	10,975,584
2	Dec-23	13,126,234	113,398	13,012,836	832	1,025	(193)	15,640.43	3,018,603	16,031,439	16,144,837	84,495	423,993	16,653,325
3	Jan-24	18,475,208	113,398	18,361,810	1,077	1,181	(104)	17,049.03	1,773,100	20,134,910	20,248,308	37,797	533,557	20,819,662
4	Feb-24	15,073,406	113,398	14,960,008	915	1,023	(108)	16,349.74	1,765,771	16,725,779	16,839,177	34,443	443,645	17,317,265
5	Mar-24	11,878,825	113,398	11,765,427	728	865	(137)	16,161.30	2,214,098	13,979,525	14,092,923	17,377	371,594	14,481,894
6	Apr-24	7,618,667	113,398	7,505,269	497	493	4	15,101.14	(60,405)	7,444,864	7,558,262	5,741	199,387	7,763,390
7														
8	Total	77,670,446	680,388	76,990,058	4,811	5,294	(483)		7,889,436	84,879,494	85,559,882	197,675	2,253,562	88,011,120

As booked on the GL

Month	Beg Bal	Activity	Interest	End Bal
10/31/2022	(2,881,616.53)	(388,219.90)	(16,326.63)	(3,286,163.06)
11/30/2022	(3,286,163.06)	(13,648,844.21)	(53,156.17)	(16,988,163.44)
12/31/2022	(16,988,163.44)	3,979,255.37	(119,676.51)	(13,128,584.58)
1/31/2023	(13,128,584.58)	(2,878,671.72)	(92,795.66)	(16,100,051.96)
2/28/2023	(16,100,051.96)	11,750,050.09	(60,789.89)	(4,410,791.76)
3/31/2023	(4,410,791.76)	(3,984,715.85)	(42,146.76)	(8,437,654.37)
4/30/2023	(8,437,654.37)	(84,278.20)	(55,757.55)	(8,577,690.12)
5/31/2023	(8,577,690.12)	(96,426.44)	(58,608.88)	(8,732,725.44)
6/30/2023	(8,732,725.44)	821,531.13	(56,429.73)	(7,967,624.03)
7/31/2023	(7,967,624.03)	1,553,931.19	(50,223.29)	(6,463,916.14)
8/31/2023	(6,463,916.14)	247,566.08	(45,770.55)	(6,262,120.61)
9/30/2023	(6,262,120.61)	1,197,342.98	(39,566.56)	(5,104,344.19)
10/31/2023	(5,104,344.19)	13,640,842.08	12,388.66	8,548,886.55
11/30/2023	8,548,886.55	(4,147,159.06)	45,238.45	4,446,965.94
12/31/2023	4,446,965.94	(2,909,040.57)	815,854.11	2,353,779.48
1/31/2024	2,353,779.48	1,703,032.70	23,076.38	4,079,888.56
2/29/2024	4,079,888.56	(385,695.81)	26,179.11	3,720,371.86
3/31/2024	3,720,371.86	(3,342,830.51)	14,751.37	392,292.72
4/30/2024	392,292.72	(87,956.72)	2,426.78	306,762.78
5/31/2024	306,762.78	399,926.12	3,648.15	710,337.05
6/30/2024	710,337.05	1,063,928.19	8,655.38	1,782,920.62
			260,970.21	
		Net of adjustment:	(530,424.29)	

As booked on the GL

Month	Beg Bal	Activity	Interest	End Bal
10/31/2022	16,810,514.15	(2,494,341.02)	79,618.16	14,395,791.29
11/30/2022	14,395,791.29	6,920,160.72	87,135.40	21,403,087.41
12/31/2022	21,403,087.41	(10,404,537.45)	105,871.67	11,104,421.63
1/31/2023	11,104,421.63	617,119.22	72,699.13	11,794,239.98
2/28/2023	11,794,239.98	-	70,119.18	11,864,359.16
3/31/2023	11,864,359.16	6,008,302.06	97,867.39	17,970,528.61
4/30/2023	17,970,528.61	(286.31)	118,161.44	18,088,403.74
5/31/2023	18,088,403.74	(3,909,798.15)	109,619.43	14,288,225.02
6/30/2023	14,288,225.02	(1,214,986.44)	92,766.61	13,166,005.18
7/31/2023	13,166,005.18	(3,366,662.20)	80,457.37	9,879,800.35
8/31/2023	9,879,800.35	(1,463,059.09)	66,043.04	8,482,784.30
9/30/2023	8,482,784.30	(47,942.87)	59,095.86	8,493,937.29

10/31/2023	8,493,937.29	(18,696,778.31)	(6,161.81)	(10,209,002.83)
11/30/2023	(10,209,002.83)	1,409,394.26	(66,399.94)	(8,866,008.51)
12/31/2023	(8,866,008.51)	(340,415.14)	(847,378.83)	(10,053,802.48)
1/31/2024	(10,053,802.48)	200,449.02	(71,660.32)	(9,925,013.78)
2/29/2024	(9,925,013.78)	(6,949.66)	(66,868.10)	(9,998,831.54)
3/31/2024	(9,998,831.54)	2,257.87	(71,978.00)	(10,068,551.67)
4/30/2024	(10,068,551.67)	(9,592.66)	(70,183.16)	(10,148,327.49)
5/31/2024	(10,148,327.49)	369,902.01	(71,730.87)	(9,850,156.35)
6/30/2024	(9,850,156.35)	784,722.44	(65,894.47)	(9,131,328.38)
			(298,800.83)	
		Net of adjustment:	480,530.88	

Winter				
Including Corrected Activity				
Beg Bal	**Activity**	**Corrective Activity**	**End Bal before Interest**	**Interest**
(2,881,616.53)	(388,219.90)	(159.60)	(3,269,996.03)	(16,327.05)
(3,286,323.08)	(13,648,844.21)	4,735,507.84	(12,199,659.45)	(39,775.64)
(12,239,435.09)	3,979,255.37	1,088,038.40	(7,172,141.32)	(57,702.91)
(7,229,844.23)	(2,878,671.72)	203,185.93	(9,905,330.02)	(54,574.36)
(9,959,904.38)	11,750,050.09	39,390.89	1,829,536.60	(24,168.35)
1,805,368.25	(3,984,715.85)	6,065,963.46	3,886,615.86	18,732.87
3,905,348.73	(84,278.20)		3,821,070.53	25,401.93
3,846,472.45	(96,426.44)		3,750,046.01	25,807.35
3,775,853.36	821,531.13		4,597,384.49	28,388.72
4,625,773.21	1,553,931.19		6,179,704.40	37,856.18
6,217,560.58	247,566.08		6,465,126.66	45,779.29
6,510,905.95	1,197,342.98		7,708,248.93	49,669.65
7,757,918.58	13,640,842.08	(12,131,926.92)	9,266,833.74	61,452.36
9,328,286.10	(4,147,159.06)		5,181,127.04	50,683.57
5,231,810.60	(2,909,040.57)		2,322,770.03	27,268.93
2,350,038.96	1,703,032.70		4,053,071.66	23,112.60
4,076,184.26	(385,695.81)		3,690,488.45	26,225.82
3,716,714.27	(3,342,830.51)		373,883.76	14,765.38
388,649.14	(87,956.72)		300,692.42	2,407.97
303,100.39	399,926.12		703,026.51	3,631.70
706,658.22	1,063,928.19		1,770,586.41	8,653.39
				257,289.39
			Adjustment:	**(3,680.82)**

Summer				
Including Corrected Activity				
Beg Bal	**Activity**	**Corrective Activity**	**End Bal before Interest**	**Interest**
16,810,514.15	(2,494,341.02)	159.60	14,316,332.73	82,614.06
14,398,946.79	6,920,160.72	(4,735,507.84)	16,583,599.67	79,578.46
16,663,178.13	(10,404,537.45)	(1,088,038.40)	5,170,602.28	64,903.16
5,235,505.44	617,119.22	(203,185.93)	5,649,438.73	34,667.80
5,684,106.53	-	(39,390.89)	5,644,715.64	33,676.09
5,678,391.73	6,008,302.06	(6,065,963.46)	5,620,730.33	37,186.49
5,657,916.82	(286.31)		5,657,630.51	37,201.80
5,694,832.31	(3,909,798.15)		1,785,034.16	25,411.05
1,810,445.21	(1,214,986.44)		595,458.77	8,157.00
603,615.78	(3,366,662.20)		(2,763,046.42)	(7,565.40)
(2,770,611.83)	(1,463,059.09)		(4,233,670.92)	(25,282.58)
(4,258,953.50)	(47,942.87)		(4,306,896.37)	(29,921.80)

(4,336,818.17)	(18,696,778.31)	12,131,926.92	(10,901,669.56)	(55,004.68)
(10,956,674.24)	1,409,394.26		(9,547,279.98)	(71,623.40)
(9,618,903.38)	(340,415.14)		(9,959,318.52)	(70,669.34)
(10,029,987.86)	200,449.02		(9,829,538.84)	(71,684.73)
(9,901,223.57)	(6,949.66)		(9,908,173.23)	(66,890.63)
(9,975,063.86)	2,257.87		(9,972,805.99)	(72,003.61)
(10,044,809.61)	(9,592.66)		(10,054,402.27)	(70,209.58)
(10,124,611.84)	369,902.01		(9,754,709.83)	(71,756.18)
(9,826,466.01)	784,722.44		(9,041,743.57)	(65,909.50)
				(275,125.52)
			Adjustment:	**23,675.31**
			Net Adjustment:	**19,994.49**

End Bal	Interest Rate	Days in Month	Interest Variance
(3,286,323.08)	6.25%	31	(0.42)
(12,239,435.09)	6.25%	30	13,380.53
(7,229,844.23)	7.00%	31	61,973.60
(9,959,904.38)	7.50%	31	38,221.30
1,805,368.25	7.75%	28	36,621.54
3,905,348.73	7.75%	31	60,879.63
3,846,472.45	8.00%	30	81,159.47
3,775,853.36	8.00%	31	84,416.23
4,625,773.21	8.25%	30	84,818.45
6,217,560.58	8.25%	31	88,079.47
6,510,905.95	8.50%	31	91,549.84
7,757,918.58	8.50%	30	89,236.21
9,328,286.10	8.50%	31	49,063.70
5,231,810.60	8.50%	30	5,445.12
2,350,038.96	8.50%	31	2,809.32
4,076,184.26	8.50%	31	36.22
3,716,714.27	8.50%	29	46.71
388,649.14	8.50%	31	14.01
303,100.39	8.50%	30	(18.81)
706,658.22	8.50%	31	(16.45)
1,779,239.80	8.50%	30	(1.99)
			787,713.68
			787,713.68

End Bal	Interest Rate	Days in Month	Interest Variance
14,398,946.79	6.25%	31	2,995.90
16,663,178.13	6.25%	30	(7,556.94)
5,235,505.44	7.00%	31	(40,968.51)
5,684,106.53	7.50%	31	(38,031.33)
5,678,391.73	7.75%	28	(36,443.09)
5,657,916.82	7.75%	31	(60,680.90)
5,694,832.31	8.00%	30	(80,959.64)
1,810,445.21	8.00%	31	(84,208.38)
603,615.78	8.25%	30	(84,609.60)
(2,770,611.83)	8.25%	31	(88,022.77)
(4,258,953.50)	8.50%	31	(91,325.62)
(4,336,818.17)	8.50%	30	(89,017.66)

(10,956,674.24)	8.50%	31	(48,842.87)
(9,618,903.38)	8.50%	30	(5,223.46)
(10,029,987.86)	8.50%	31	(2,622.22)
(9,901,223.57)	8.50%	31	(24.41)
(9,975,063.86)	8.50%	29	(22.53)
(10,044,809.61)	8.50%	31	(25.61)
(10,124,611.84)	8.50%	30	(26.42)
(9,826,466.01)	8.50%	31	(25.31)
(9,107,653.07)	8.50%	30	(15.03)
			(755,656.40)
			(755,656.40)
			32,057.28

Initial Est. Entry Made Dec 2023

791,394.50

Initial Est. Entry Made Dec 2023
(779,331.71)
12,062.79

Month	Beg. Balance	Deferral	Gas Supply Rec	Interest	Season Corrections
10/31/2022	(2,881,616.53)	(388,219.90)		(16,326.63)	
11/30/2022	(3,286,163.06)	6,227,944.67	(6,855,223.22)	(53,156.17)	
12/31/2022	(16,988,163.44)	17,938,270.72	(16,390,875.71)	(119,676.51)	10,262,769.26
1/31/2023	(13,128,584.58)	13,236,233.91	(20,352,634.09)	(92,795.66)	
2/28/2023	(16,100,051.96)	16,688,426.16	(17,539,311.87)	(60,789.89)	
3/31/2023	(4,410,791.76)	5,392,536.72	(7,465,380.65)	(42,146.76)	(6,065,963.46)
4/30/2023	(8,437,654.37)	1,186,793.52	(3,744,960.04)	(55,757.55)	
5/31/2023	(8,577,690.12)	544,700.20	(832,431.11)	(58,608.88)	
6/30/2023	(8,732,725.44)	724,038.11	(9,277.84)	(56,429.73)	
7/31/2023	(7,967,624.03)	1,579,637.91	(45,831.61)	(50,223.29)	
8/31/2023	(6,463,916.14)	253,470.83	(19,706.84)	(45,770.55)	
9/30/2023	(6,262,120.61)	1,134,737.20	(10,016.80)	(39,566.56)	
10/31/2023	(5,104,344.19)	1,518,194.79	(9,283.49)	12,388.66	12,131,926.92
11/30/2023	8,548,886.55	5,591,866.82	(2,123,844.88)	45,238.45	
12/31/2023	4,446,965.94	4,695,811.95	(9,019,600.34)	815,854.11	
1/31/2024	2,353,779.48	13,156,407.43	(10,212,403.48)	23,076.38	
2/29/2024	4,079,888.56	7,538,080.61	(11,339,891.96)	26,179.11	
3/31/2024	3,720,371.86	2,546,859.27	(8,775,039.18)	14,751.37	
4/30/2024	392,292.72	2,178,522.31	(5,472,693.80)	2,426.78	
5/31/2024	306,762.78	685,692.56	(2,090,263.75)	3,648.15	
6/30/2024	710,337.05	1,157,107.89	(61,830.06)	8,655.38	
Total		**103,587,113.68**	**(122,370,500.72)**	**260,970.21**	**16,328,732.72**

Month	Beg. Balance	Deferral	Gas Supply Rec	Interest	Season Corrections
10/31/2022	(2,881,616.53)	(388,219.90)			
11/30/2022	(3,269,996.03)	6,227,944.67	(6,855,223.22)		
12/31/2022	(12,183,332.40)	17,938,270.72	(16,390,875.71)		10,262,769.26
1/31/2023	(7,116,038.63)	13,236,233.91	(20,352,634.09)		
2/28/2023	(9,791,524.42)	16,688,426.16	(17,539,311.87)		
3/31/2023	1,997,916.56	5,392,536.72	(7,465,380.65)		
4/30/2023	4,079,164.17	1,186,793.52	(3,744,960.04)		
5/31/2023	3,994,885.97	544,700.20	(832,431.11)		
6/30/2023	3,898,459.53	724,038.11	(9,277.84)		
7/31/2023	4,719,990.66	1,579,637.91	(45,831.61)		
8/31/2023	6,273,921.85	253,470.83	(19,706.84)		

9/30/2023	6,521,487.93	1,134,737.20	(10,016.80)		
10/31/2023	7,718,830.91	1,518,194.79	(9,283.49)		
11/30/2023	9,227,746.07	5,591,866.82	(2,123,844.88)		
12/31/2023	5,080,587.01	4,695,811.95	(9,019,600.34)		
1/31/2024	2,171,546.44	13,156,407.43	(10,212,403.48)		
2/29/2024	3,874,579.14	7,538,080.61	(11,339,891.96)		
3/31/2024	3,488,883.33	2,546,859.27	(8,775,039.18)		
4/30/2024	146,052.82	2,178,522.31	(5,472,693.80)		
5/31/2024	58,096.10	685,692.56	(2,090,263.75)		
6/30/2024	458,022.22	1,157,107.89	(61,830.06)		
Total		**103,587,113.68**	**(122,370,500.72)**	**-**	**10,262,769.26**

Energy North -3072-10168
Cost of Gas Winter Deferral
Original GP account 1920-1740
SAP Account 130800 - 11174001

Actual GL activity					
Gs Seasonal Correction by month	**Return on Inv**	**Carry Charge**	**GAP**	**Unbilled CM**	**Unbilled Reversal**
	83,406.34	614,243.00	(58,167.60)	(13,661,047.40)	
	83,406.34	614,243.00	(499,866.77)	(21,689,738.87)	13,661,047.40
	83,406.34	614,243.00	(361,021.77)	(17,067,107.95)	21,689,738.87
	83,406.34	614,243.00	(124,417.84)	(5,538,765.43)	17,067,107.95
	83,406.34	614,243.00	(75,283.90)	(2,105,759.97)	5,538,765.43
	83,406.33	614,243.00	(29,822.36)	(383,359.33)	2,105,759.97
			(14,335.02)		383,359.33
			(3,854.25)		
			(44.34)		
			(227.11)		
			(60.62)		
			3.86		
	143,645.34	614,243.00	(17,368.45)	(8,152,145.96)	
	143,645.34	614,243.00	(89,794.82)	(7,391,957.97)	8,152,145.96
	143,645.34	614,243.00	(95,612.91)	(9,272,421.32)	7,391,957.97
	143,645.34	614,243.00	(140,647.69)	(6,508,258.55)	9,272,421.32
	143,645.34	614,243.00	(109,922.64)	(4,296,788.76)	6,508,258.55
	143,645.34	614,243.00	(173,774.74)	(1,485,389.58)	4,296,788.76
			(114,708.60)		1,485,389.58
			(31,349.64)		
-	**1,362,310.07**	**7,370,916.00**	**(1,940,277.21)**	**(97,552,741.09)**	**97,552,741.09**

Corrected GL activity					
Gs Seasonal Correction by month	**Reutrn on Inv**	**Carry Charge**	**GAP**	**Unbilled CM**	**Unbilled Reversal**
(159.60)					
4,735,507.84	83,406.34	614,243.00	(58,167.60)	(13,661,047.40)	
1,088,038.40	83,406.34	614,243.00	(499,866.77)	(21,689,738.87)	13,661,047.40
203,185.93	83,406.34	614,243.00	(361,021.77)	(17,067,107.95)	21,689,738.87
39,390.89	83,406.34	614,243.00	(124,417.84)	(5,538,765.43)	17,067,107.95
	83,406.34	614,243.00	(75,283.90)	(2,105,759.97)	5,538,765.43
	83,406.33	614,243.00	(29,822.36)	(383,359.33)	2,105,759.97
			(14,335.02)		383,359.33
			(3,854.25)		
			(44.34)		
			(227.11)		

			(60.62)		
			3.86		
	143,645.34	614,243.00	(17,368.45)	(8,152,145.96)	
	143,645.34	614,243.00	(89,794.82)	(7,391,957.97)	8,152,145.96
	143,645.34	614,243.00	(95,612.91)	(9,272,421.32)	7,391,957.97
	143,645.34	614,243.00	(140,647.69)	(6,508,258.55)	9,272,421.32
	143,645.34	614,243.00	(109,922.64)	(4,296,788.76)	6,508,258.55
	143,645.34	614,243.00	(173,774.74)	(1,485,389.58)	4,296,788.76
			(114,708.60)		1,485,389.58
			(31,349.64)		
6,065,963.46	**1,362,310.07**	**7,370,916.00**	**(1,940,277.21)**	**(97,552,741.09)**	**97,552,741.09**

Daily Meters CM	Daily Meters Reversal	Other - FV in wrong Ledger	Ending Balance
			(3,286,163.06)
			(16,988,163.44)
			(13,128,584.58)
(721,530.03)			(16,100,051.96)
(222,168.25)	721,530.03		(4,410,791.76)
(123,447.61)	222,168.25	-	(8,437,654.37)
(39,786.90)	123,447.61		(8,577,690.12)
(217,506.74)	39,786.90		(8,732,725.44)
(106,881.63)	217,506.74		(7,967,624.03)
(86,712.40)	106,881.63		(6,463,916.14)
(72,683.20)	86,712.40		(6,262,120.61)
	72,683.20		(5,104,344.19)
-			8,548,886.55
(203,554.93)			4,446,965.94
(217,088.62)	203,554.93		2,353,779.48
(242,151.32)	217,088.62	2,279.37	4,079,888.56
(207,439.20)	242,151.32		3,720,371.86
(181,525.29)	207,439.20		392,292.72
(370,823.30)	181,525.29		306,762.78
	370,823.30	62,993.03	710,337.05
			1,782,920.62
(3,013,299.42)	**3,013,299.42**	**65,272.40**	1,782,920.62

Daily Meters CM	Daily Meters Reversal	Other - FV in wrong Ledger	Ending Balance
			(3,269,996.03)
			(12,183,332.40)
			(7,116,038.63)
(721,530.03)			(9,791,524.42)
(222,168.25)	721,530.03		1,997,916.56
(123,447.61)	222,168.25		4,079,164.17
(39,786.90)	123,447.61		3,994,885.97
(217,506.74)	39,786.90		3,898,459.53
(106,881.63)	217,506.74		4,719,990.66
(86,712.40)	106,881.63		6,273,921.85
(72,683.20)	86,712.40		6,521,487.93

	72,683.20		7,718,830.91
			9,227,746.07
(203,554.93)			5,080,587.01
(217,088.62)	203,554.93		2,171,546.44
(242,151.32)	217,088.62	2,279.37	3,874,579.14
(207,439.20)	242,151.32		3,488,883.33
(181,525.29)	207,439.20		146,052.82
(370,823.30)	181,525.29		58,096.10
	370,823.30	62,993.03	458,022.22
			1,521,950.41
(3,013,299.42)	**3,013,299.42**	**65,272.40**	1,521,950.41

Energy
Cost of
Original
SAP Accou

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Month	Beg. Balance	Deferral	Gas Supply Rec	Interest	Season Corrections
10/31/2022	16,810,514.15	4,420,664.38	(3,455,959.48)	79,618.16	
11/30/2022	14,395,791.29	412,170.39		87,135.40	
12/31/2022	21,403,087.41			105,871.67	(10,262,769.26)
1/31/2023	11,104,421.63			72,699.13	
2/28/2023	11,794,239.98			70,119.18	
3/31/2023	11,864,359.16		(57,661.40)	97,867.39	6,065,963.46
4/30/2023	17,970,528.61		(286.31)	118,161.44	
5/31/2023	18,088,403.74	1,104,750.97	(1,569,814.50)	109,619.43	
6/30/2023	14,288,225.02	482,787.36	(3,921,119.26)	92,766.61	
7/31/2023	13,166,005.18	(304,548.61)	(2,805,059.26)	80,457.37	
8/31/2023	9,879,800.35	1,168,188.02	(1,909,592.17)	66,043.04	
9/30/2023	8,482,784.30	(280,327.90)	(1,876,400.04)	59,095.86	
10/31/2023	8,493,937.29	1,363,426.15	(2,439,979.57)	(6,161.81)	(12,131,926.92)
11/30/2023	(10,209,002.83)		(4,170,217.07)	(66,399.94)	
12/31/2023	(8,866,008.51)		(340,415.14)	(847,378.83)	
1/31/2024	(10,053,802.48)		200,449.02	(71,660.32)	
2/29/2024	(9,925,013.78)		(6,949.66)	(66,868.10)	
3/31/2024	(9,998,831.54)		2,257.87	(71,978.00)	
4/30/2024	(10,068,551.67)		(9,592.66)	(70,183.16)	
5/31/2024	(10,148,327.49)	427,812.38	(28,564.21)	(71,730.87)	
6/30/2024	(9,850,156.35)	846,385.51	(61,476.55)	(65,894.47)	
Total		**9,641,308.65**	**(22,450,380.39)**	**(298,800.83)**	**(16,328,732.72)**

Corr

Month	Beg. Balance	Deferral	Gas Supply Rec	Interest	Season Corrections
10/31/2022	16,810,514.15	4,420,664.38	(3,455,959.48)		
11/30/2022	14,316,332.73	412,170.39			
12/31/2022	16,500,985.61				(10,262,769.26)
1/31/2023	5,008,409.76				
2/28/2023	5,422,343.05				
3/31/2023	5,382,952.16		(57,661.40)		
4/30/2023	5,325,290.76		(286.31)		
5/31/2023	5,325,004.45	1,104,750.97	(1,569,814.50)		
6/30/2023	1,415,206.30	482,787.36	(3,921,119.26)		
7/31/2023	200,219.86	(304,548.61)	(2,805,059.26)		
8/31/2023	(3,166,442.34)	1,168,188.02	(1,909,592.17)		
9/30/2023	(4,629,501.43)	(280,327.90)	(1,876,400.04)		
10/31/2023	(4,677,444.30)	1,363,426.15	(2,439,979.57)		

11/30/2023	(11,242,295.69)		(4,170,217.07)		
12/31/2023	(9,832,901.43)		(340,415.14)		
1/31/2024	(10,173,316.57)		200,449.02		
2/29/2024	(9,972,867.55)		(6,949.66)		
3/31/2024	(9,979,817.21)		2,257.87		
4/30/2024	(9,977,559.34)		(9,592.66)		
5/31/2024	(9,987,152.00)	427,812.38	(28,564.21)		
6/30/2024	(9,617,249.99)	846,385.51	(61,476.55)		
Total		**9,641,308.65**	**(22,450,380.39)**	**-**	**(10,262,769.26)**

North -3072-10168
Gas Summer Deferral
GP account 1920-1741
nt 130800 - 11174002

tual GL activity

Carry Charge	Unbilled CM	Unbilled Reversal	Daily Meters CM	Daily Meters Reversal	Other
	(6,831,638.27)	3,450,826.75	(151,703.09)	73,468.69	
		6,831,638.27	(475,351.03)	151,703.09	
			(617,119.22)	475,351.03	
				617,119.22	
	(3,444,734.62)				
	(1,221,389.16)	3,444,734.62			
	(1,478,443.49)	1,221,389.16			
	(2,200,098.43)	1,478,443.49			
		2,200,098.43	(91,313.36)		
	(5,348,811.52)		(230,799.81)	91,313.36	-
		5,348,811.52		230,799.81	
	(26,569.31)		(2,776.85)		
	(27,745.76)	26,569.31	(1,786.92)	2,776.85	
-	**(20,579,430.56)**	**24,002,511.55**	**(1,570,850.28)**	**1,642,532.05**	-

ected GL activity

GS Correction BY Month	Unbilled CM	Unbilled Reversal	Daily Meters CM	Daily Meters Reversal	Other
159.60	(6,831,638.27)	3,450,826.75	(151,703.09)	73,468.69	
(4,735,507.84)		6,831,638.27	(475,351.03)	151,703.09	
(1,088,038.40)			(617,119.22)	475,351.03	
(203,185.93)				617,119.22	
(39,390.89)					
	(3,444,734.62)				
	(1,221,389.16)	3,444,734.62			
	(1,478,443.49)	1,221,389.16			
	(2,200,098.43)	1,478,443.49			
		2,200,098.43	(91,313.36)		
	(5,348,811.52)		(230,799.81)	91,313.36	

		5,348,811.52		230,799.81	
	(26,569.31)		(2,776.85)		
	(27,745.76)	26,569.31	(1,786.92)	2,776.85	
(6,065,963.46)	**(20,579,430.56)**	**24,002,511.55**	**(1,570,850.28)**	**1,642,532.05**	**-**

Ending Balance
14,395,791.29
21,403,087.41
11,104,421.63
11,794,239.98
11,864,359.16
17,970,528.61
18,088,403.74
14,288,225.02
13,166,005.18
9,879,800.35
8,482,784.30
8,493,937.29
(10,209,002.83)
(8,866,008.51)
(10,053,802.48)
(9,925,013.78)
(9,998,831.54)
(10,068,551.67)
(10,148,327.49)
(9,850,156.35)
(9,131,328.38)
(9,131,328.38)

Ending Balance
14,316,332.73
16,500,985.61
5,008,409.76
5,422,343.05
5,382,952.16
5,325,290.76
5,325,004.45
1,415,206.30
200,219.86
(3,166,442.34)
(4,629,501.43)
(4,677,444.30)
(11,242,295.69)

(9,832,901.43)
(10,173,316.57)
(9,972,867.55)
(9,979,817.21)
(9,977,559.34)
(9,987,152.00)
(9,617,249.99)
(8,832,527.55)
(8,832,527.55)