

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

**Benefit/Cost Analysis Granite Ridge**


	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
1 Year Benefits															
2 Annual Contract Charges															
3 Distribution (98.25%)															
4 Environmental (1.75%)															
5 Total Benefits															
<b>Costs</b>															
6 Revenue Requirement - Lateral	\$849,365	\$818,429	\$789,164	\$762,622	\$735,146	\$710,517	\$583,231	\$567,892	\$552,575	\$543,225	\$498,463	\$481,562	\$465,350	\$449,775	\$434,790
7 Annual O&M costs	\$2,957	\$2,957	\$2,957	\$2,957	\$2,957	\$2,957	\$2,957	\$2,957	\$2,957	\$2,957	\$67,957	\$3,122	\$3,216	\$3,312	\$3,411
8 Total Costs	\$852,322	\$821,386	\$792,121	\$765,579	\$738,103	\$713,474	\$586,188	\$570,849	\$555,531	\$546,182	\$566,420	\$484,684	\$468,566	\$453,087	\$438,202
9 Net Benefit to All Customers															
<b>Net Present Value Calculation</b>															
	<u>2012 - 2021</u>	<u>2012 - 2040</u>													
10 Required Rate of Return	6.96%	6.96%													
11 Net Present Value of Option															
12 Net Present Value of Benefits															
13 Net Present Value of Costs															

- 1 Year Liberty Assumed Contract
- 2 Total contract charges per year
- 3 Contract split of charges
- 4 Contract split of charges
- 5 Sum of lines 4 + 5
- 6 Page 3 line 25 and page 4 line 25
- 7 Annual O&M costs to inspect the line
- 8 Sum of lines 6 + 7
- 9 Line 5 - line 9
- 10 After-tax discount rate
- 11 Net Present Value calculation of net benefits using discount rate in Line (10) and net benefits (or costs ) in line (9)
- 12 Net Present Value calculation of benefits using discount rate in Line (20) and benefits in line (5)
- 13 Net Present Value calculation of costs using discount rate in Line (10) and costs in line (8)

Liberty Utilities (EnergyNorth Natural Gas)  
Payments for Use of the I

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>
2012							
2013							
2014							
2015							
2016							
2017							
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2019							
2020							
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2038							
2039							
2040							

s) Corp. d/b/a Liberty  
Lateral

<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
					

**Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty**  
**Benefit/Cost Analysis Granite Ridge**  
**Lateral Revenue Requirement**

	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	
<b>Deferred Tax Calculation</b>											
1	Distribution Circuit Upgrades	\$5,678,898									
2	Total	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	
3	FEDERAL Vintage Year Tax Depreciat	\$212,959	\$409,960	\$379,180	\$350,786	\$324,435	\$300,130	\$277,585	\$256,800	\$253,392	
4	Annual Tax Depreciation	\$212,959	\$409,960	\$379,180	\$350,786	\$324,435	\$300,130	\$277,585	\$256,800	\$253,392	
5	Cumulative Tax Depreciation	\$212,959	\$622,918	\$1,002,098	\$1,352,884	\$1,677,319	\$1,977,449	\$2,255,034	\$2,511,833	\$2,765,226	
6	STATE Vintage Year Tax Depreciation:	\$212,959	\$409,960	\$379,180	\$350,786	\$324,435	\$300,130	\$277,585	\$256,800	\$253,392	
7	Annual Tax Depreciation	\$212,959	\$409,960	\$379,180	\$350,786	\$324,435	\$300,130	\$277,585	\$256,800	\$253,392	
8	Cumulative Tax Depreciation	\$212,959	\$622,919	\$1,002,099	\$1,352,885	\$1,677,320	\$1,977,450	\$2,255,035	\$2,511,835	\$2,765,227	
9	Book Depreciation Rate (a)	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%	
10	Book Depreciation	\$109,035	\$109,035	\$109,035	\$109,035	\$109,035	\$109,035	\$109,035	\$109,035	\$109,035	
11	Cumulative Book Depreciation	\$109,035	\$218,070	\$327,105	\$436,139	\$545,174	\$654,209	\$763,244	\$872,279	\$981,314	
12	Book/Tax Timer (Federal)	\$103,924	\$404,849	\$674,994	\$916,744	\$1,132,145	\$1,323,240	\$1,491,790	\$1,639,555	\$1,783,912	
13	less: Deferred Tax Reserve (State)	\$8,834	\$34,412	\$57,375	\$77,923	\$96,232	\$108,506	\$122,327	\$129,525	\$137,361	
14	Net Book/Tax Timer (Federal)	\$95,090	\$370,436	\$617,619	\$838,821	\$1,035,913	\$1,214,734	\$1,369,463	\$1,510,030	\$1,646,551	
15	Effective Tax Rate (Federal)	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	21.00%	21.00%	21.00%	
16	Deferred Tax Reserve (Federal)	\$33,282	\$129,653	\$216,167	\$293,587	\$362,569	\$425,157	\$287,587	\$317,106	\$345,776	
17	Book/Tax Timer (State)	\$103,924	\$404,849	\$674,994	\$916,746	\$1,132,146	\$1,323,241	\$1,491,791	\$1,639,556	\$1,783,913	
18	Effective Tax Rate (State)	8.50%	8.50%	8.50%	8.50%	8.50%	8.20%	8.20%	7.90%	7.70%	
19	Deferred Tax Reserve (State)	\$8,834	\$34,412	\$57,375	\$77,923	\$96,232	\$108,506	\$122,327	\$129,525	\$137,361	
20	TOTAL Deferred Tax Reserve	\$42,115	\$164,065	\$273,541	\$371,511	\$458,802	\$533,663	\$409,914	\$446,631	\$483,137	
<b>Rate Base Calculation</b>											
21	Plant In Service	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	
22	Accumulated Book Depreciation	(\$109,035)	(\$218,070)	(\$327,105)	(\$436,139)	(\$545,174)	(\$654,209)	(\$763,244)	(\$872,279)	(\$981,314)	
23	Deferred Tax Reserve	(\$42,115)	(\$164,065)	(\$273,541)	(\$371,511)	(\$458,802)	(\$533,663)	(\$409,914)	(\$446,631)	(\$483,137)	
24	Year End Rate Base	\$5,527,748	\$5,296,763	\$5,078,252	\$4,871,248	\$4,674,922	\$4,491,026	\$4,505,740	\$4,359,988	\$4,214,447	
<b>Revenue Requirement Calculation</b>											
25	Year End Rate Base	\$5,527,748	\$5,296,763	\$5,078,252	\$4,871,248	\$4,674,922	\$4,491,026	\$4,505,740	\$4,359,988	\$4,066,331	
26	Pre-Tax ROR	11.47%	11.47%	11.47%	11.50%	11.47%	11.47%	8.60%	8.60%	8.60%	
27	Return and Taxes	\$634,197	\$607,696	\$582,627	\$560,059	\$536,353	\$515,254	\$387,686	\$375,145	\$362,622	
28	Book Depreciation	\$109,035	\$109,035	\$109,035	\$109,035	\$109,035	\$109,035	\$109,035	\$109,035	\$109,035	
29	Property Taxes (b)	\$106,133	\$101,698	\$97,502	\$93,528	\$89,758	\$86,228	\$86,510	\$83,712	\$80,917	
30	Annual Revenue Requirement	\$849,365	\$818,429	\$789,164	\$762,622	\$735,146	\$710,517	\$583,231	\$567,892	\$552,575	
31											
32											
33	<b>Imputed Capital Structure (c)</b>	DG 11-040				DG 14-180				DG 17-(	
		Weighted			Weighted						
		Ratio	Rate	Rate	Pre Tax	Ratio	Rate	Rate	Pre Tax	Ratio	
34	Long Term Debt	45.00%	4.43%	1.99%	1.99%	45.00%	5.93%	2.67%	2.67%	50.79%	
35	Common Equity	55.00%	10.25%	5.64%	9.48%	55.00%	9.55%	5.25%	8.83%	49.21%	
Notes:											
	(a) Used Liberty Utilities Estimates	100.00%		7.63%	11.47%	100.00%		7.92%	11.50%	100.00%	

**Liberty Utilities (EnergyNorth Natural Gas)**  
**Benefit/Cost Analysis Gran**  
**Lateral Revenue Require**

<b>Deferred Tax Calculation</b>		<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>
1	Distribution Circuit Upgrades	\$4,066,331			
2	Total	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331
3	FEDERAL Vintage Year Tax Depreciat	\$253,392	\$409,960	\$379,180	\$350,786
4	Annual Tax Depreciation	\$253,392	\$409,960	\$379,180	\$350,786
5	Cumulative Tax Depreciation	\$253,392	\$663,352	\$1,042,532	\$1,393,318
6	STATE Vintage Year Tax Depreciation:	\$253,392	\$253,336	\$253,392	\$253,336
7	Annual Tax Depreciation	\$253,392	\$253,336	\$253,392	\$253,336
8	Cumulative Tax Depreciation	\$253,392	\$506,728	\$760,120	\$1,013,456
9	Book Depreciation Rate (a)	1.92%	1.92%	1.92%	1.92%
10	Book Depreciation	\$78,074	\$78,074	\$78,074	\$78,074
11	Cumulative Book Depreciation	\$78,074	\$156,147	\$234,221	\$312,294
12	Book/Tax Timer (Federal)	\$175,319	\$507,205	\$808,311	\$1,081,023
13	less: Deferred Tax Reserve (State)	\$13,500	\$26,995	\$40,494	\$53,989
14	Net Book/Tax Timer (Federal)	\$161,819	\$480,210	\$767,817	\$1,027,034
15	Effective Tax Rate (Federal)	21.00%	21.00%	21.00%	21.00%
16	Deferred Tax Reserve (Federal)	\$33,982	\$100,844	\$161,242	\$215,677
17	Book/Tax Timer (State)	\$175,318	\$350,581	\$525,899	\$701,162
18	Effective Tax Rate (State)	7.70%	7.70%	7.70%	7.70%
19	Deferred Tax Reserve (State)	\$13,500	\$26,995	\$40,494	\$53,989
20	TOTAL Deferred Tax Reserve	\$47,482	\$127,839	\$201,736	\$269,667
21	<b>Rate Base Calculation</b>				
22	Plant In Service	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331
23	Accumulated Book Depreciation	(\$78,074)	(\$156,147)	(\$234,221)	(\$312,294)
24	Deferred Tax Reserve	(\$47,482)	(\$127,839)	(\$201,736)	(\$269,667)
25	Year End Rate Base	\$3,940,776	\$3,782,345	\$3,630,375	\$3,484,371
26	<b>Revenue Requirement Calculation</b>				
27	Year End Rate Base	\$3,940,776	\$3,782,345	\$3,630,375	\$3,484,371
28	Pre-Tax ROR	8.75%	8.75%	8.75%	8.75%
29	Return and Taxes	\$344,727	\$330,868	\$317,574	\$304,802
30	Book Depreciation	\$78,074	\$78,074	\$78,074	\$78,074
31	Property Taxes (b) 1.92%	\$75,663	\$72,621	\$69,703	\$66,900
32	Annual Revenue Requirement	\$498,463	\$481,562	\$465,350	\$449,775
33	<b>Imputed Capital Structure (c)</b>				
				DG 20-105	
				Weighted	
		Ratio	Rate	Rate	Pre Tax
34	Long Term Debt	48.00%	4.42%	2.12%	2.12%
35	Common Equity	52.00%	9.30%	4.84%	6.63%

Notes:

(a) Used Liberty Utilities Estimates

100.00%

6.96%

8.75%

**s) Corp. d/b/a Liberty  
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<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>2031</u>	<u>2032</u>	<u>2033</u>
\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331
\$324,435	\$300,130	\$277,585	\$256,800	\$253,392	\$253,336	\$253,392	\$253,336
\$324,435	\$300,130	\$277,585	\$256,800	\$253,392	\$253,336	\$253,392	\$253,336
\$1,717,753	\$2,017,883	\$2,295,467	\$2,552,267	\$2,805,659	\$3,058,995	\$3,312,387	\$3,565,723
\$253,336	\$253,392	\$253,336	\$253,392	\$253,336	\$253,392	\$0	\$0
\$253,336	\$253,392	\$253,336	\$253,392	\$253,336	\$253,392	\$0	\$0
\$1,266,792	\$1,520,184	\$1,773,520	\$2,026,912	\$2,280,248	\$2,533,640	\$2,533,640	\$2,533,640
1.92%	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%
\$78,074	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074
\$390,368	\$468,441	\$546,515	\$624,588	\$702,662	\$780,736	\$858,809	\$936,883
\$1,327,385	\$1,549,441	\$1,748,952	\$1,927,679	\$2,102,997	\$2,278,259	\$2,453,578	\$2,628,840
\$67,485	\$80,984	\$94,479	\$107,979	\$121,474	\$134,974	\$128,962	\$122,950
\$1,259,901	\$1,468,457	\$1,654,473	\$1,819,700	\$1,981,523	\$2,143,286	\$2,324,616	\$2,505,890
21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
\$264,579	\$308,376	\$347,439	\$382,137	\$416,120	\$450,090	\$488,169	\$526,237
\$876,424	\$1,051,743	\$1,227,005	\$1,402,324	\$1,577,586	\$1,752,904	\$1,674,831	\$1,596,757
7.70%	7.70%	7.70%	7.70%	7.70%	7.70%	7.70%	7.70%
\$67,485	\$80,984	\$94,479	\$107,979	\$121,474	\$134,974	\$128,962	\$122,950
\$332,064	\$389,360	\$441,919	\$490,116	\$537,594	\$585,064	\$617,131	\$649,187
\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331
(\$390,368)	(\$468,441)	(\$546,515)	(\$624,588)	(\$702,662)	(\$780,736)	(\$858,809)	(\$936,883)
(\$332,064)	(\$389,360)	(\$441,919)	(\$490,116)	(\$537,594)	(\$585,064)	(\$617,131)	(\$649,187)
\$3,343,900	\$3,208,530	\$3,077,898	\$2,951,627	\$2,826,075	\$2,700,532	\$2,590,391	\$2,480,261
\$3,343,900	\$3,208,530	\$3,077,898	\$2,951,627	\$2,826,075	\$2,700,532	\$2,590,391	\$2,480,261
8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%
\$292,514	\$280,672	\$269,245	\$258,199	\$247,216	\$236,234	\$226,599	\$216,965
\$78,074	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074
\$64,203	\$61,604	\$59,096	\$56,671	\$54,261	\$51,850	\$49,736	\$47,621
\$434,790	\$420,349	\$406,414	\$392,944	\$379,550	\$366,158	\$354,408	\$342,660





<u>2034</u>	<u>2035</u>	<u>2036</u>	<u>2037</u>	<u>2038</u>	<u>2039</u>	<u>2040</u>
\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331
\$253,392	\$253,336	\$253,336	\$253,392	\$253,336	\$253,392	\$253,336
\$253,392	\$253,336	\$253,336	\$253,392	\$253,336	\$253,392	\$253,336
\$3,819,116	\$4,072,451	\$4,325,787	\$4,579,179	\$4,832,515	\$5,085,907	\$5,339,243
\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,533,640	\$2,533,640	\$2,533,640	\$2,533,640	\$2,533,640	\$2,533,640	\$2,533,640
1.92%	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%
\$78,074	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074
\$1,014,956	\$1,093,030	\$1,171,103	\$1,249,177	\$1,327,251	\$1,405,324	\$1,483,398
\$2,804,159	\$2,979,421	\$3,154,683	\$3,330,002	\$3,505,264	\$3,680,583	\$3,855,845
\$116,939	\$110,927	\$104,915	\$98,904	\$92,892	\$86,880	\$80,869
\$2,687,221	\$2,868,494	\$3,049,768	\$3,231,099	\$3,412,372	\$3,593,703	\$3,774,977
21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
\$564,316	\$602,384	\$640,451	\$678,531	\$716,598	\$754,678	\$792,745
\$1,518,684	\$1,440,610	\$1,362,537	\$1,284,463	\$1,206,389	\$1,128,316	\$1,050,242
7.70%	7.70%	7.70%	7.70%	7.70%	7.70%	7.70%
\$116,939	\$110,927	\$104,915	\$98,904	\$92,892	\$86,880	\$80,869
\$681,255	\$713,311	\$745,367	\$777,434	\$809,490	\$841,558	\$873,614
\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331
(\$1,014,956)	(\$1,093,030)	(\$1,171,103)	(\$1,249,177)	(\$1,327,251)	(\$1,405,324)	(\$1,483,398)
(\$681,255)	(\$713,311)	(\$745,367)	(\$777,434)	(\$809,490)	(\$841,558)	(\$873,614)
\$2,370,120	\$2,259,991	\$2,149,861	\$2,039,720	\$1,929,591	\$1,819,449	\$1,709,320
\$2,370,120	\$2,259,991	\$2,149,861	\$2,039,720	\$1,929,591	\$1,819,449	\$1,709,320
8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%
\$207,331	\$197,697	\$188,063	\$178,428	\$168,794	\$159,160	\$149,526
\$78,074	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074
\$45,506	\$43,392	\$41,277	\$39,163	\$37,048	\$34,933	\$32,819
\$330,910	\$319,162	\$307,414	\$295,664	\$283,916	\$272,167	\$260,418

**Liberty Utilities (En  
Benefi**

	<b><u>2012</u></b>	<b><u>2013</u></b>	<b><u>2014</u></b>	<b><u>2015</u></b>
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
1 <u>Tax Depreciation (Federal)</u>				
2 Plant Additions	\$ 5,678,898			
3 20 Year MACRS Rate	3.750%	7.219%	6.677%	6.177%
4 Federal Tax Depreciation	\$212,959	\$409,960	\$379,180	\$350,786
5 <u>Remaining Tax Depreciation (State)</u>				
6 Plant Additions	\$ 5,678,898	\$5,678,898	\$5,678,898	\$5,678,898
7 20 YR MACRS Tax Depreciation Rates	3.750%	7.219%	6.677%	6.177%
8	\$212,959	\$409,960	\$379,180	\$350,786
9 Federal Tax Depreciation	\$212,959	\$409,960	\$379,180	\$350,786
10 State Tax Depreciation	\$212,959	\$409,960	\$379,180	\$350,786

1 Undepreciated value when Liberty assumed contract

**ergyNorth Natural Gas) Corp. d/b/a Liberty**

**it/Cost Analysis Granite Ridge**

**Tax Calculation**

<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>
5	6	7	8	9	10	11	12
5.713%	5.285%	4.888%	4.522%	4.462%	4.461%	4.462%	4.461%
\$324,435	\$300,130	\$277,585	\$256,800	\$253,392	\$253,336	\$253,392	\$253,336
\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898
5.713%	5.285%	4.888%	4.522%	4.462%	4.461%	4.462%	4.461%
\$324,435	\$300,130	\$277,585	\$256,800	\$253,392	\$253,336	\$253,392	\$253,336
\$324,435	\$300,130	\$277,585	\$256,800	\$253,392	\$253,336	\$253,392	\$253,336
\$324,435	\$300,130	\$277,585	\$256,800	\$253,392	\$253,336	\$253,392	\$253,336

<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>2031</u>
13	14	15	16	17	18	19	20

4.462%	4.461%	4.461%	4.462%	4.461%	4.462%	4.461%	4.462%
\$253,392	\$253,336	\$253,336	\$253,392	\$253,336	\$253,392	\$253,336	\$253,392
\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898
4.462%	4.461%	4.461%	4.462%	4.461%	4.462%	4.461%	4.462%
\$253,392	\$253,336	\$253,336	\$253,392	\$253,336	\$253,392	\$253,336	\$253,392
\$253,392	\$253,336	\$253,336	\$253,392	\$253,336	\$253,392	\$253,336	\$253,392
\$253,392	\$253,336	\$253,336	\$253,392	\$253,336	\$253,392	\$253,336	\$253,392

Year	2012	2013	2014	2015	2016
Hours	8	8	8	8	8
Hourly Rate	\$ 46.20	\$ 46.20	\$ 46.20	\$ 46.20	\$ 46.20
Employee Count	2	2	2	2	2
times per year	4	4	4	4	4
total	\$ 2,957	\$ 2,957	\$ 2,957	\$ 2,957	\$ 2,957

Lateral Inspection Cost

2015	\$ 148,680.84
2022	\$ 65,000.00
2029	\$ 74,750.00
2036	\$ 85,962.50



	2023		2024		2025		2026		2027		2028		2029		2030
	8		8		8		8		8		8		8		8
\$	48.78	\$	50.24	\$	51.75	\$	53.30	\$	54.90	\$	56.55	\$	58.25	\$	59.99
	2		2		2		2		2		2		2		2
	4		4		4		4		4		4		4		4
\$	3,122	\$	3,216	\$	3,312	\$	3,411	\$	3,514	\$	3,619	\$	78,478	\$	3,840

	2031		2032		2033		2034		2035		2036		2037		2038
	8		8		8		8		8		8		8		8
\$	61.79	\$	63.65	\$	65.56	\$	67.52	\$	69.55	\$	71.64	\$	73.78	\$	76.00
	2		2		2		2		2		2		2		2
	4		4		4		4		4		4		4		4
\$	3,955	\$	4,073	\$	4,196	\$	4,321	\$	4,451	\$	90,547	\$	4,722	\$	4,864



	2039		2040
	8		8
\$	78.28	\$	80.63
	2		2
	4		4
\$	5,010	\$	5,160

G-53 Distribution Charge Per Tariff

GRANITE RIDGE POWER PLANT  
Contract Demand Charge

Month	Therms	Bill Amount
Apr-21		\$ 3,896,693.49
May-21		\$ 5,266,751.97
Jun-21		\$ 6,600,494.52
Jul-21		\$ 6,383,834.94
Aug-21		\$ 3,969,548.03
Sep-21		\$ 3,291,563.51
Oct-21		\$ 3,288,893.96
Nov-21		\$ 3,329,794.30
Dec-21		\$ 3,247,052.32
Jan-22		\$ 4,011,013.02
Feb-22		\$ 4,175,492.57
Mar-22		\$ 5,489,611.18

		\$ 52,950,743.81
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Dth's

**April 2021**

Bill Details		
Minimum Chg	30 days @ 25.3797 Per Day	\$ 761.39
Distribution Chg	100 units @ 0.1705	\$ 17.05
Distributon Chg		
Normal Weather Adj		
Distribution Adj		
<b>Total Current Charges:</b>		<b>\$ 3,896,693.49</b>

**October 2021**

Bill Details		
Minimum Chg	31 Days @ 25.2033 Per Day	\$ 781.30
Distribution Chg	20.6667 units @ 0.0814	\$ 1.68
Distributon Chg		
Distribution Adj		
<b>Total Current Charges:</b>		<b>\$ 3,288,893.96</b>

**May 2021**

Bill Details		
Minimum Chg	31 Days @ 25.3797 Per Day	\$ 786.77
Distribution Chg	20.6667 units @ 0.1705	\$ 3.52
Distributon Chg		
Distribution Adj		
<b>Total Current Charges:</b>		<b>\$ 5,266,751.97</b>

**November 2021**

Bill Details		
Minimum Chg	30 Days @ 25.2033 Per Day	\$ 756.10
Distribution Chg	100 units @ 0.1697	\$ 16.97
Distributon Chg		
Normal Weather Adj		
Distribution Adj		
<b>Total Current Charges:</b>		<b>\$ 3,329,794.30</b>

**June 2021**

Bill Details		
Minimum Chg	30 Days @ 23300731 units @ 0.0555	\$ 761.39
Distribution Chg	20 units @ 0.1705	\$ 3.41
Distributon Chg		
Distribution Adj		
<b>Total Current Charges:</b>		<b>\$ 6,600,494.52</b>

**December 2021**

Bill Details		
Minimum Chg	31 Days @ 25.2033 Per Day	\$ 781.30
Distribution Chg	103.3333 units @ 0.1697	\$ 17.54
Distributon Chg		
Normal Weather Adj		
Distribution Adj		
<b>Total Current Charges:</b>		<b>\$ 3,247,052.32</b>

**July 2021**

Bill Details		
Minimum Chg	31 Days @ 25.3797 Per Day	\$ 786.77
Distribution Chg	20.6667 units @ 0.1705	\$ 3.52
Distributon Chg		
Distribution Adj		
<b>Total Current Charges:</b>		<b>\$ 6,383,834.94</b>

**January 2022**

Bill Details		
Minimum Chg	31 Days @ 25.2033 Per Day	\$ 781.30
Distribution Chg	103.3333 units @ 0.1697	\$ 17.54
Distributon Chg		
Normal Weather Adj		
Distribution Adj		
<b>Total Current Charges:</b>		<b>\$ 4,011,013.02</b>

**August 2021**

Bill Details		
Minimum Chg	31 Days @ 25.2033 Per Day	\$ 781.30
Distribution Chg	20.6667 units @ 0.0814	\$ 1.68
Distributon Chg		
Distribution Adj		
<b>Total Current Charges:</b>		<b>\$ 3,969,548.03</b>

**February 2022**

Bill Details		
Minimum Chg	28 Days @ 25.2033 Per Day	\$ 705.69
Distribution Chg	93.3333 units @ 0.1697	\$ 15.84
Distributon Chg		
Normal Weather Adj		
Distribution Adj		
<b>Total Current Charges:</b>		<b>\$ 4,175,492.57</b>

**September 2021**

Bill Details		
Minimum Chg	30 Days @ 25.2033 Per Day	\$ 756.10
Distribution Chg	20 units @ 0.0814	\$ 1.63
Distributon Chg		
Distribution Adj		
<b>Total Current Charges:</b>		<b>\$ 3,291,563.51</b>

**March 2022**

Bill Details		
Minimum Chg	31 Days @ 25.2033 Per Day	\$ 781.30
Distribution Chg	103.3333 units @ 0.1697	\$ 17.54
Distributon Chg		
Normal Weather Adj		
Distribution Adj		
<b>Total Current Charges:</b>		<b>\$ 5,489,611.18</b>