

Duluth Energy Systems
Capacity Charge Rates
Effective 1-1-18

EXHIBIT D

<u>Consumption</u> <u>Group Categories</u>	<u>Normalized</u> <u>Consumption</u> <u>Lbs</u>	<u>Consumption</u> <u>%</u>	<u>Group</u> <u>Factor</u>	<u>Group</u> <u>Factor %</u>	<u>Adjusted</u> <u>Group</u> <u>Factor %</u>	<u>Monthly</u> <u>Projected</u> <u>Capacity \$</u>	<u>Annual</u> <u>Projected</u> <u>Capacity \$</u>	<u>Capacity</u> <u>Charge</u> <u>\$/Mlbs</u>	<u>Capacity</u> <u>Charge</u> <u>\$/MMBtu</u>
1 0 - 999 Mlbs	30,805,029	9.08%	100.00%	9.08%	10.97%	\$37,668.44	\$452,021.33	\$14.673621	\$12.268914
2 1,000 - 4,999 Mlbs	101,904,516	30.03%	95.00%	28.53%	34.48%	\$118,378.57	\$1,420,542.87	\$13.939940	\$11.655468
3 5,000 - 9,999 Mlbs	35,904,226	10.58%	90.00%	9.52%	11.51%	\$39,513.38	\$474,160.52	\$13.206259	\$11.042023
4 10,000 - 19,999 Mlbs	46,844,761	13.80%	85.00%	11.73%	14.18%	\$48,689.58	\$584,274.94	\$12.472578	\$10.428577
5 15,000 - 24,999 Mlbs	51,477,758	15.17%	80.00%	12.14%	14.67%	\$50,357.68	\$604,292.11	\$11.738897	\$9.815131
6 25,000 - 39,999 Mlbs	0	0.00%	75.00%	0.00%	0.00%	\$0.00	\$0.00	\$11.005216	\$9.201686
7 40,000 - 54,999 Mlbs	0	0.00%	70.00%	0.00%	0.00%	\$0.00	\$0.00	\$10.271535	\$8.588240
8 55,000 - 69,999 Mlbs	0	0.00%	65.00%	0.00%	0.00%	\$0.00	\$0.00	\$9.537854	\$7.974794
9 70,000 - 84,999 Mlbs	72,400,574	21.34%	55.00%	11.73%	14.18%	\$48,692.35	\$584,308.24	\$8.070492	\$6.747903
10 85,000 - 104,999 Mlbs	0	0.00%	45.00%	0.00%	0.00%	\$0.00	\$0.00	\$6.603130	\$5.521011
11 105,000 - 144,999 Mlbs	0	0.00%	35.00%	0.00%	0.00%	\$0.00	\$0.00	\$5.135767	\$4.294120
12 Over 150,000 Mlbs	<u>0</u>	<u>0.00%</u>	<u>25.00%</u>	<u>0.00%</u>	<u>0.00%</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$3.668405</u>	<u>\$3.067229</u>
TOTAL	339,336,864	100.00%		82.73%	100.00%	\$343,300.00	\$4,119,600.00	\$12.140149	\$10.150626