

SCHEDULE 5.3  
Alternative Fuel Calculations

1 SGS Alternative Fuel Calculation

1 Electric Pricing SGS 2017

Month	Expected Increase	Electric Heating Usage		Electric Water Heater Usage		Total Usage	Water Heater Rental	Total Electric
		Usage Profile	kWh usage	Usage Profile	kWh usage			
Jan-17		18.49%	2,601	9.90%	476	3,077	\$8.38	\$333.88
Feb-17		21.80%	3,067	9.24%	444	3,511	\$8.38	\$379.83
Mar-17		16.90%	2,377	9.86%	474	2,851	\$8.38	\$309.97
Apr-17	2%	12.88%	1,812	9.73%	468	2,280	\$8.55	\$254.55
May-17	2%	8.59%	1,209	8.14%	391	1,600	\$8.55	\$181.22
Jun-17	2%	1.82%	256	7.04%	338	594	\$8.55	\$72.70
Jul-17	2%	0.14%	20	6.55%	315	335	\$8.55	\$44.69
Aug-17	2%	0.00%	-	6.32%	303	303	\$8.55	\$41.29
Sep-17	2%	0.00%	-	6.31%	303	303	\$8.55	\$41.25
Oct-17	2%	0.00%	-	7.88%	379	379	\$8.55	\$49.41
Nov-17	2%	7.02%	988	8.88%	427	1,415	\$8.55	\$161.21
Dec-17	2%	12.36%	1,740	10.14%	487	2,227	\$8.55	\$248.91
		100.00%	14,070	100.00%	4,804	18,874	\$102.07	\$2,118.91

<u>Price for electricity</u>	
All kilowatt hours	
2016 Prior Rate (Jan 2016 - Jun 2016)	\$0.1041
2016 Current (July 2016 - Mar 2017)	\$0.1058
2017 Increase (Apr 2017 - Dec 2017)	\$0.1079
Estimated Heating Use	14070
Estimated Water Heater Use	4804
<u>Water Heater Rental (60 Gallon)</u>	
2016 Prior Rate (Jan 2016 - Jun 2016)	\$8.24
2016 Current (July 2016 - Mar 2017)	\$8.38
2017 Increase (Apr 2017 - Dec 2017)	\$8.55

3 EGNB has assumed the current electricity rates to continue until March 2017 and assumed an  
 4 increase of 2% in April 2017 based on projected NB Power rate increases.