

SCHEDULE 5.3
Alternative Fuel Calculations

1 SGS Alternative Fuel Calculation

1 Electric Pricing SGS 2016

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-16		16.75%	2,612	9.90%	477	3,089	\$8.23	\$329.77
Feb-16		23.41%	3,651	9.24%	445	4,096	\$8.23	\$434.62
Mar-16		19.83%	3,092	9.86%	475	3,567	\$8.23	\$379.52
Apr-16		13.17%	2,054	9.73%	469	2,523	\$8.23	\$270.85
May-16		7.07%	1,102	8.14%	392	1,494	\$8.23	\$163.76
Jun-16		1.65%	257	7.04%	339	596	\$8.23	\$70.30
Jul-16		0.50%	79	6.55%	316	395	\$8.23	\$49.31
Aug-16		0.00%	-	6.32%	304	304	\$8.23	\$39.90
Sep-16		0.00%	-	6.31%	304	304	\$8.23	\$39.86
Oct-16	2%	0.50%	78	7.88%	380	458	\$8.39	\$56.98
Nov-16	2%	5.34%	832	8.88%	428	1,260	\$8.39	\$142.15
Dec-16	2%	11.78%	1,836	10.14%	488	2,324	\$8.39	\$255.21
		100%	15,592	100%	4,816	20,409	\$99.25	\$2,232.23

19	<u>Price for electricity</u>	
20	All kilowatt hours	
21	2015 Prior Rate (Jan 2015 - Sep 2015)	\$0.1025
22	2015 Current (Oct 2015 - Sep 2016)	\$0.1041
23	2016 Increase (Oct 2016 - Dec 2016)	\$0.1062
24	Estimated Heating Use	15592
25	Estimated Water Heater Use	4816
26	<u>Water Heater Rental (60 Gallon)</u>	
27	2015 Prior Rate (Jan 2015 - Sep 2015)	\$8.10
28	2015 Current (Oct 2015 - Sep 2016)	\$8.23
29	2016 Increase (Oct 2016 - Dec 2016)	\$8.39

3 EGNB has assumed the 1.6% increase in electricity from October 2015 to continue until
 4 September 2016 and assumed an increase of 2% in October 2016 based on projected NB Power
 5 rate increases.