

SCHEDULE 5.1

Derivation Tables for Market Based Rates

- 1 Derivation of distribution rates for the SGS rate class using electricity as the alternative energy
- 2 source and a target savings of 20%.

Derivation of Distribution Rates - Electricity			
	Units	Calculation	SGS
1	Lines 1 - 5 not used		
6	\$/ year	Retail Electricity Cost	\$2,232.23
7	%	Assigned	20%
8	\$	Line 6 x Line 7	\$446.45
9	\$	Line 6 - Line 8	\$1,785.78
10	GJs/ year	Typical Customer	87.16
11	\$/GJ	Line 9 / 10	20.4885
12	\$/GJ	EUG Price	10.7697
13	\$/GJ	Line 11 - Line 12	9.7188
14	\$	Line 13 x Line 10	\$847.09
15	\$	Assigned	\$18.00
16	\$	Line 15 * 12	\$216.00
17	GJs	Average	N/A
18	\$	Assigned	0
19	\$	Line 17 * Line 18 * 12	0
20	\$	Line 14 - Lines 16 or 19	\$631.09
21	\$/GJ	Line 20/Line 10	\$7.2406

- 4 Derivation of distribution rates for MGS, LGS, CGS and ICGS rate classes using No. 2 Heating
- 5 Oil as the alternative energy source and a target savings of 15%.

Derivation of Distribution Rates - Oil						
	Units	Calculation	MGS	LGS	CGS	ICGS
1	CAN\$/l	Retail Oil Price	\$0.8167	\$0.8082	\$0.7984	\$0.7939
2	%	Assigned	81.25%	81.25%	100.00%	100.00%
3	GJs/year	Line 10 / Line 2	640	4,452	10,759	203,302
4	l/GJ	Assigned	25.8532	25.8532	25.8532	25.8532
5	in litres	Line 3 x Line 4	16,546	115,098	278,155	5,256,007
6	\$/ year	Line 1 x Line 5	\$13,512	\$93,020	\$222,090	\$4,172,515
7	%	Assigned	15%	15%	15%	15%
8	\$	Line 6 x Line 7	\$2,026.86	\$13,953.04	\$33,313.52	\$625,877.21
9	\$	Line 6 - Line 8	\$11,485.57	\$79,067.24	\$188,776.61	\$3,546,637.51
10	GJs/ year	Typical Customer	520.20	3,617.32	10,758.96	203,302.18
11	\$/GJ	Line 9 / 10	\$22.08	\$21.86	\$17.55	\$17.45
12	\$/GJ	EUG	\$10.7697	\$10.7697	\$10.7697	\$10.7697
13	\$/GJ	Line 11 - Line 12	\$11.3094	\$11.0883	\$6.7763	\$6.6755