

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	\$2,118.91
7	%	Assigned	20%
8	\$	Line 6 x Line 7	\$423.78
9	\$	Line 6 - Line 8	\$1,695.13
10	GJs/ year	Typical Customer	80.98
11	\$/GJ	Line 9 / 10	20.9327
12	\$/GJ	EUG Price	8.8206
13	\$/GJ	Line 11 - Line 12	12.1121
14	\$	Line 13 x Line 10	\$980.84
15	\$	Assigned	\$18.00
16	\$	Line 15 * 12	\$216.00
17	GJs	Average	
18	\$	Assigned	0
19	\$	Line 17 * Line 18 * 12	0
20	\$	Line 14 - Lines 16 or 19	\$764.84
21	\$/GJ	Line 20/Line 10	\$9.4450

- 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	\$0.7902	\$0.7806	\$0.7707	\$0.7659
2	%	Assigned	81.25%	81.25%	100.00%	100.00%
3	GJs/year	Line 10 / Line 2	604	3,856	9,397	200,702
4	l/GJ	Assigned	25.8532	25.8532	25.8532	25.8532
5	in litres	Line 3 x Line 4	15,615	99,690	242,943	5,188,789
6	\$/ year	Line 1 x Line 5	\$12,340	\$77,822	\$187,226	\$3,973,994
7	%	Assigned	15%	15%	15%	15%
8	\$	Line 6 x Line 7	\$1,850.94	\$11,673.25	\$28,083.95	\$596,099.10
9	\$	Line 6 - Line 8	\$10,488.66	\$66,148.39	\$159,142.40	\$3,377,894.92
10	GJs/ year	Typical Customer	490.48	3,132.77	9,397.39	200,702.01
11	\$/GJ	Line 9 / 10	\$21.38	\$21.12	\$16.93	\$16.83
12	\$/GJ	EUG	\$8.8206	\$8.8206	\$8.8206	\$8.8206
13	\$/GJ	Line 11 - Line 12	\$12.5639	\$12.2944	\$8.1141	\$8.0098