

SCHEDULE 11

Derivation Tables for Historical Rate Classes

Derivation of distribution rates for the SGSR and the SGSC rate classes using electricity as the alternative energy source and a target savings of 20%.

Derivation of Distribution Rates - Electricity				
	Units	Calculation	SGSR	SGSC
1	Lines 1 - 5 not used			
6	Total Alternative Energy Cost	\$/ year Retail Electricity Cost	\$2,162	\$6,706
7	Target Savings Level	% Assigned	20%	20%
8	Target Savings Amount	\$ Line 6 x Line 7	\$432	\$1,341
9	Target Natural Gas Cost	\$ Line 6 - Line 8	\$1,730	\$5,365
10	Typical Annual Natural Gas Consumption	GJs/ year Typical Customer	89	186
11	Target Burner Tip Price	\$/GJ Line 9 / 10	19.3655	28.8528
12	Commodity Cost	\$/GJ EUG Price	5.5398	5.5398
13	Target Distribution Rate	\$/GJ Line 11 - Line 12	13.8257	23.3130
14	Target Annual Distribution Charge	\$ Line 13 x Line 10	\$1,235	\$4,335
15	Monthly Customer Charge	\$ Assigned	\$16	\$16
16	Annual Customer Charge	\$ Line 15 * 12	\$192	\$192
17	Average Contract Demand	GJs Average		
18	Contract Demand Charge	\$ Assigned		
19	Revenue from Demand Charge	\$ Line 17 * Line 18 * 12		
20	Target Revenue From Delivery Charge	\$ Line 14 - Lines 16 or 19	\$1,043	\$4,143
21	Distribution Delivery Charge	\$/GJ Line 20/Line 10	\$11.6763	\$22.2804

Derivation of distribution rates for GS, CSG, CLGS-LFO and HFO rate classes using No. 2 Heating Oil as the alternative energy source and a target savings of 15%.

Derivation of Distribution Rates - No. 2 Heating Oil						
	Units	Calculation	GS	CGS	CLGS-LFO	HFO
1	Alternative Energy Price	CAN\$/l Retail Oil Price	\$1.0465	\$1.0364	\$1.0250	\$1.0262
2	Assumed Efficiency Factor	Assigned	81.25%	81.25%	100.00%	100.00%
3	Typical Annual Oil Consumption	GJs/year Line 10 / Line 2	975	5,058	32,652	123,226
4	Conversion Factor	l/GJ Assigned	25.8532	25.8532	25.8532	25.8532
5	Typical Annual Consumption	in litres Line 3 x Line 4	25,206.87	130,765.49	844,158.69	3,185,786.42
6	Total Alternative Energy Cost	\$/ year Line 1 x Line 5	\$26,378.99	\$135,525.35	\$865,262.66	\$3,269,254.02
7	Target Savings Level	% Assigned	15%	15%	15%	15%
8	Target Savings Amount	\$ Line 6 x Line 7	\$3,956.85	\$20,328.80	\$129,789.40	\$490,388.10
9	Target Natural Gas Cost	\$ Line 6 - Line 8	\$22,422.14	\$115,196.55	\$735,473.26	\$2,778,865.92
10	Typical Annual Natural Gas Consumption	GJs/ year Typical Customer	792	4,110	32,652	123,226
11	Target Burner Tip Price	\$/GJ Line 9 / 10	\$28.3161	\$28.0300	\$22.5243	\$22.5509
12	Commodity Cost	\$/GJ EUG or EVP price	\$5.5398	\$5.5398	\$5.4232	\$5.4229
13	Target Distribution Rate	\$/GJ Line 11 - Line 13	\$22.7763	\$22.4902	\$17.1011	\$17.1280
14	Target Annual Distribution Charge	\$ Line 13 x Line 10	\$18,035.42	\$92,429.44	\$558,392.06	\$2,110,623.30
15	Monthly Customer Charge	\$ Assigned	\$16.00			
16	Annual Customer Charge	\$ Line 15 * 12	\$192.00			
17	Average Contract Demand	GJs Average		24	209	851
18	Contract Demand Charge	\$ Assigned		5.20	5.20	3.90
19	Revenue from Demand Charge	\$ Line 17 * Line 18 * 12		1497.6	13041.6	39826.8
20	Target Revenue From Delivery Charge	\$ Line 14 - Lines 16 or 19	\$17,843.42	\$90,931.84	\$545,350.46	\$2,070,796.50
21	Distribution Delivery Charge	\$/GJ Line 20/Line 10	\$22.5338	\$22.1258	\$16.7017	\$16.8048