



**Yukon Electrical Company Limited**  
**2008 - 2009 General Rate Application**  
**Utility Revenue Requirement**  
**(\$000s)**

I.1

Line No.	Description	Cross Ref.	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	<b>Revenues</b>					
2	Retail revenues	S.2.1 L.45	39,115	40,177	45,850	47,075
3	Other revenue	S.2.2 L.6	760	784	810	827
4	<b>Total Revenues</b>		<b>39,875</b>	<b>40,961</b>	<b>46,660</b>	<b>47,902</b>
5						
6	<b>Costs</b>					
7	Purchase power	S.3.1 L.13	23,239	23,647	23,846	23,494
8	Diesel Fuel	S.4.1 L.6	2,026	2,054	5,715	5,299
9	Operations and maintenance	S.5.1 L.49	6,969	7,290	8,758	9,317
11	Property Taxes	Page 6-1	230	235	249	261
12	Depreciation	S.7.1 L.4	3,901	4,171	4,365	4,837
13	Amortization of contributions	S.8.11 L.8	(1,008)	(1,092)	(963)	(1,028)
14	Amortization of deferred costs/credits	S.8.8 L.7	0	187	652	652
15	Return on rate base	S.8.1 L.5, 10, 15, 20	3,484	3,614	3,618	4,026
16	Income taxes	S.10.1 L.30	1,034	855	421	1,044
17	<b>Total Costs</b>		<b>39,875</b>	<b>40,961</b>	<b>46,660</b>	<b>47,902</b>

**Yukon Electrical Company Limited**  
**2008 - 2009 General Rate Application**  
**Summary of Customers, Energy Sales and Revenue**

2.1

Line No.	Description	Cross Ref.	Actual 2006	Actual 2007	Test Period		Test Period	
					2008 Existing	2008 Proposed	2009 Existing	2009 Proposed
1	<b>Residential</b>							
2	Customers (average during year)		12,196	12,452	12,693		12,836	
3	Sales in MWh		122,151	122,334	123,961		125,337	
4	MWh sales per customer		10.0	9.8	9.8		9.8	
5	Revenue (\$000s)		14,001	14,088	14,279		14,435	
6	Cents per KWh		11.46	11.52	11.52		11.52	
7	<b>Commercial</b>							
8	Customers (average during year)		2,515	2,570	2,599		2,629	
9	Sales in MWh		137,080	141,351	141,869		142,564	
10	MWh sales per customer		54.5	55.0	54.6		54.2	
11	Revenue (\$000s)		17,999	18,729	18,549		18,641	
12	Cents per KWh		13.13	13.25	13.07		13.08	
13	<b>Street lights</b>							
14	Sales in MWh		3,263	3,374	3,445		3,522	
15	Revenue (\$000s)		679	703	716		729	
16	Cents per KWh		20.81	20.83	20.78		20.70	
17	<b>Sentinel lights</b>							
18	Sales in MWh		644	639	638		631	
19	Revenue (\$000s)		135	134	134		132	
20	Cents per KWh		20.95	20.96	20.95		20.95	
21	<b>Total Company - Retail - Primary</b>							
22	Customers		14,711	15,022	15,293		15,465	
23	Sales in MWh		263,137	267,698	269,913		272,054	
24	Revenue (\$000s)		32,814	33,654	33,677		33,937	
25	Cents/KWh		12.47	12.57	12.48		12.47	
26	<b>Secondary Sales</b>							
27	Customers (average during year)		22	22	22		23	
28	Sales in MWh		21,555	23,566	16,853		6,954	
29	MWh sales per customer		979.8	1,071.2	754.6		302.4	
30	Revenue (\$000s)		1,367	1,453	1,213		501	
31	Cents per KWh		6.34	6.17	7.20		7.20	
32	<b>Wholesale Sales</b>							
33	Customers (average during year)		2	2	2		2	
34	Sales in MWh		513	488	489		489	
35	MWh sales per customer		256.5	244.0	244.4		244.4	
36	Revenue (\$000s)		52	53	52		52	
37	Cents per KWh		10.14	10.86	10.60		10.60	
38	<b>Total Company</b>							
39	Customers		14,735	15,046	15,317		15,490	
40	Sales in MWh	S.3.2 L.2	285,205	291,752	287,255		279,497	
41	Revenue (\$000s)		34,233	35,160	34,942		34,490	
42	Cents/KWh		12.00	12.05	12.16		12.34	
43	Retail Revenues		34,233	35,160	34,942		34,490	
44	<b>YEC Revenue Shortfall (Rider J)</b>		4,882	5,017	5,028		5,067	
45	<b>TOTAL REVENUES</b>	S.1.1 L.2	39,115	40,177	39,970	45,850	39,557	47,075
46	Rate Increase from Existing Rates					5,881	7,518	
47	Less: Impact of higher fuel costs recovered through Rider F					(3,661)	(3,388)	
48	<b>Net Rate Increase (\$000s)</b>	L.46 - L.47				2,220	4,130	
49	<b>% Rate Increase over Existing Rates</b>							
50	YECL Primary Retail Revenue	L.24			33,677		33,937	
51	YEC Primary Retail Revenue	S11.2 L.14, L.27			3,795		3,750	
52	Total YEC/YECL Retail Revenue Primary Rates (\$000s)	L.50 + L.51			37,471		37,687	
53	<b>% Rate increase over existing Rates</b>	L.48 / L.52				5.9%	11.0%	



**Yukon Electrical Company Limited  
2008 - 2009 General Rate Application  
Schedule of Purchase Power**

**Schedule 3.1**

<b>Line No.</b>	<b>Description</b>	<b>Cross Ref.</b>	<b>Actual 2006</b>	<b>Actual 2007</b>	<b>Test Period 2008</b>	<b>Test Period 2009</b>
1	<b>Purchases (MWh)</b>					
2	Primary Energy		251,861	254,914	260,093	263,202
3	Secondary Sales		21,555	23,566	16,853	6,954
4		S.3.2 L.10	<u>273,416</u>	<u>278,480</u>	<u>276,946</u>	<u>270,156</u>
5	<b>Purchase Power Rates</b>					
6	Primary Energy Charge (\$ per KWh)		0.0684	0.0684	0.0684	0.0684
7	Secondary Sales (\$ per KWh)		0.0524	0.0507	0.061	0.061
8	Shortfall Rider J		14.93%	14.93%	14.93%	14.93%
9	<b>Purchase Power Expense (\$000s)</b>					
10	Primary Energy Expense	L.2 x L.6	17,227	17,436	17,790	18,003
11	Secondary Energy Expense	L.3 x L.7	1,130	1,194	1,028	424
12	Shortfall Rider J	S.2.1 L.44	4,882	5,017	5,028	5,067
13	<b>Total Purchase Power Expense</b>	S.1.1 L.7	<u>23,239</u>	<u>23,647</u>	<u>23,846</u>	<u>23,494</u>

**Yukon Electrical Company Limited**  
**2008 - 2009 General Rate Application**  
**Schedule of Energy Losses**  
**(MW.h )**

3.2

Line No.	Description	Cross Ref.	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	<b>Sales and Losses</b>					
2	Total energy sales (MWh)	S.2.1 L.39	285,205	291,752	287,255	279,497
3	Losses and company used - (MWh)		18,591	18,087	17,810	17,329
4	Losses -%		6.5%	6.2%	6.2%	6.2%
5	Total generation and purchases (MWh)		<u>303,796</u>	<u>309,839</u>	<u>305,065</u>	<u>296,826</u>
6	<b>Sources - MWh</b>					
7	Hydro generation		8,216	9,025	6,192	6,192
8	Hydro grid standby diesel generation	S.4.1 L.1	39	131	44	44
9	Diesel generation	S.4.1 L.1	22,125	22,203	21,883	20,433
10	Purchases	S.3.1 L.4	273,416	278,480	276,946	270,156
11			<u>303,796</u>	<u>309,839</u>	<u>305,065</u>	<u>296,826</u>
12	<b>Sources - %</b>					
13	Hydro generation		2.7%	2.9%	2.0%	2.1%
14	Diesel generation		7.3%	7.2%	7.2%	6.9%
15	Purchases		90.0%	89.9%	90.8%	91.0%
			<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>



**Yukon Electrical Company Limited**  
**2008 - 2009 General Rate Application**  
**Diesel Information**

I.2

Line No.	Description	Cross Ref.	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
	<u>Average Cost (in cents per litre)</u>					
1	Watson Lake		74.62	78.16	87.48	87.48
2	Beaver Creek		70.86	75.51	81.52	81.52
3	Destruction Bay		72.43	77.75	83.13	83.13
4	Old Crow		157.36	167.16	193.41	193.41
5	Pelly Crossing		76.50	85.48	89.33	89.33
6	Swift River		80.65	83.58	92.44	92.44
7	Standby		50.42	66.40	70.00	70.00
	<u>Generation (MWh)</u>					
8	Watson Lake		14,116	14,124	14,148	14,322
9	Beaver Creek		2,034	1,957	2,021	2,041
10	Destruction Bay		1,636	1,720	1,722	1,741
11	Old Crow		1,811	1,853	1,967	1,993
12	Pelly Crossing		2,250	2,272	1,746	11
13	Swift River		276	277	278	326
14	Standby		40	131	44	44
15		S.4.1 L.1	22,164	22,334	21,927	20,477
	<u>Net Heat Rate (KWh / litre)</u>					
16	Watson Lake		3.84	3.80	3.82	3.82
17	Beaver Creek		3.60	3.53	3.56	3.56
18	Destruction Bay		3.30	3.34	3.41	3.41
19	Old Crow		3.64	3.52	3.56	3.56
20	Pelly Crossing		3.70	3.39	3.62	3.62
21	Swift River		2.99	3.04	2.99	2.99
22	Standby		3.00	3.00	3.50	3.50
	<u>Litres Consumed (000s)</u>					
24	Watson Lake		3,696	3,707	3,704	3,749
25	Beaver Creek		564	551	567	573
26	Destruction Bay		479	501	505	510
27	Old Crow		514	528	552	559
28	Pelly Crossing		633	654	482	3
29	Swift River		91	91	93	109
30	Standby		30	55	13	13
31		S.4.1 L.3	6,007	6,088	5,915	5,516

**Yukon Electrical Company Limited**  
**2008 - 2009 General Rate Application**  
**Operations and Maintenance Expenses**  
**(\$000s)**

5.1

Line No.	Description	Cross Ref.	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	<b>Production</b>					
2	62600 - Hydro Generation	S.5.2 L.3	87	99	96	129
3	64000 - Supervision and Engineering Diesel	S.5.2 L.12	44	53	58	64
4	64600 - Diesel Generation	S.5.2 L.23	271	312	394	423
5	82600 - Hydro Maintenance	S.5.2 L.34	8	37	31	33
6	84600 - Diesel Maintenance	S.5.2 L.41	785	810	1,016	951
7			<u>1,196</u>	<u>1,311</u>	<u>1,594</u>	<u>1,600</u>
8	<b>Distribution</b>					
9	87000 - Supervision	S.5.2 L.54	188	230	229	250
10	87100 - Brushing	S.5.2 L.62	238	297	341	359
11	87200 - Vehicle Depreciation		(84)	(94)	(100)	(105)
12	87300 - Maintenance	S.5.2 L.73	927	936	1,386	1,514
13	87310 - Service to Outside Parties		96	101	106	112
14	87400 - Underground line maintenance	S.5.2 L.84	104	91	122	131
15	87500 - Meter and Meter Testing	S.5.2 L.93	145	108	115	75
16	87700 - Transformer Repair and Replacement	S.5.2 L.101	20	34	28	30
17	87800 - Street Light Maintenance	S.5.2 L.107	148	186	226	241
18			<u>1,781</u>	<u>1,890</u>	<u>2,453</u>	<u>2,606</u>
19	<b>General</b>					
20	88400 - Communication		11	8	13	14
21	88800 - Maintenance Company-owned Houses		28	29	33	34
22	88900 - Maintenance Warehouse and Office	S.5.2 L.118	97	110	118	125
23			<u>136</u>	<u>147</u>	<u>164</u>	<u>173</u>
24	<b>Public information</b>					
25	70100 - Public Information Administration	S.5.2 L.126	101	64	100	106
26	70200 - General Public Information	S.5.2 L.134	54	29	28	30
27			<u>155</u>	<u>93</u>	<u>128</u>	<u>135</u>
28	<b>Customer accounting</b>					
29	71000 - Supervision	S.5.2 L.138	34	31	35	49
30	71100 - Customer Applications and Service Orders	S.5.2 L.145	283	335	407	450
31	71200 - Meter Reading	S.5.2 L.155	391	464	436	471
32	71300 - Customer Billing and Accounting	S.5.2 L.167	474	513	572	646
33	71400 - Revenue Collections	S.5.2 L.177	167	181	162	258
34	71500 - Collection of Delinquent Accounts	S.5.2 L.188	121	124	142	158
35	71800 - Provision for Uncollectible Accounts		36	36	36	36
36			<u>1,506</u>	<u>1,683</u>	<u>1,791</u>	<u>2,067</u>
37	<b>Administration and general</b>					
38	72100 - Administrative	S.5.2 L.196	1,149	1,176	1,331	1,399
39	72200 - Administrative Corporate	S.5.2 L.203	27	14	30	32
40	72300 - Insurance	S.5.2 L.210	194	190	231	244
41	72400 - Injuries & Damages		75	75	86	86
42	72500 - Employee Expenses	S.5.2 L.214	208	229	222	312
43	72600 - Training and Safety	S.5.2 L.220	247	297	449	484
44	72700 - Relocation	S.5.2 L.233	190	93	182	77
45	72800 - Miscellaneous General		2	3	2	3
46	72900 - Audit/Legal Fees & Special Studies	S.5.2 L.242	106	88	95	100
47			<u>2,196</u>	<u>2,165</u>	<u>2,628</u>	<u>2,736</u>
48						
49	<b>Total operations and maintenance expenses</b>	S.1.1 L.9	<u>6,969</u>	<u>7,290</u>	<u>8,758</u>	<u>9,317</u>

**Yukon Electrical Company Limited  
2008 - 2009 General Rate Application  
Operation and Maintenance Expenses**

5.2  
f 5

Line No.	Description	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	<b>Production</b>				
2					
3	<b>62600 - Hydro Generation</b>	87	99	96	129
4					
5	Costs increase from 2006 to 2007 mainly due to increased Fish Lake inspection and maintenance costs due to water re-licensing (\$39). This increase is offset by a one-time catch-up in 2006 of 1998 to 2006 water license fees to the government (\$27).				
6					
7					
8					
9	Costs increased from 2008 to 2009 mainly due to additional inspection and reporting to meet the requirements of the new water license.				
10					
11					
12	<b>64000 - Supervision and Engineering Diesel</b>	44	53	58	64
13					
14	Costs increase from 2006 to 2007 mainly due to fringe benefit defined benefit pension funding (\$5) and labour inflation (\$4). The fringe benefit increase relates to increases for the defined benefit pension plan. This is due to the fact that contributions of 27% of pensionable earnings are now required as a result of the actuarial valuation that was completed for the years 2007-2009.				
15					
16					
17					
18	Costs increase from 2007 to 2008 mainly due to inflation.				
19					
20	Costs increase from 2008 to 2009 mainly due to inflation.				
21					
22					
23	<b>64600 - Diesel Generation</b>	271	312	394	423
24					
25	Costs increase from 2006 to 2007 mainly due to an increase in fringe benefits (\$23) and labour (\$18). For an explanation of the fringe increase please refer to Account 64000.				
26					
27					
28	Cost increased from 2007 to 2008 mainly due to reduction in vacancies from employees returning off sick leave and apprentice training (\$30), inflation (\$25), as well as new attraction and retention pay (\$15), fringe benefits (\$8), and non-labour inflation (\$4).				
29					
30					
31					
32	Costs increased from 2008 to 2009 mainly due to labour inflation (\$22), other inflation (\$4), and fringe benefits (\$3).				
33					
34	<b>82600 - Hydro Maintenance</b>	8	37	31	33
35					
36	Costs increase from 2006 to 2007 mainly due to inspection and reporting relating to Fish Lake.				
37					
38	Costs decrease from 2007 to 2008 mainly due to lower labour (\$13) and fringe benefits (\$4) for inspection and reporting of turbines 1 and 2, offset by non-labour inflation and an increase for property maintenance and upkeep (\$11).				
39					
40					
41	<b>84600 - Diesel Maintenance</b>	785	810	1,016	951
42					
43	Costs increase from 2006 to 2007 mainly due to an increase in fringe benefits (\$25). For an explanation of the fringe increase please refer to Account 64000.				
44					
45					
46	Costs increase from 2007 to 2008 mainly due to scheduled diesel overhaul costs (\$167). These costs are determined by scheduled overhauls as prescribed by manufacturer's specifications that vary by type of unit and hours operated. This increase is also due to new attraction and retention pay (\$25), and labour inflation (\$14).				
47					
48					
49					
50	Costs decrease from 2008 to 2009 mainly due to varying costs for scheduled overhauls as prescribed by manufacturer's specifications that are determined by type of unit and hours operated.				
51					

**Yukon Electrical Company Limited  
2008 - 2009 General Rate Application  
Operation and Maintenance Expenses**

5.2  
f 5

Line No.	Description	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
52	<b>Distribution</b>				
53					
54	<b>87000 - Supervision</b>	188	230	229	250
55					
56	Costs increase from 2006 to 2007 mainly due to an increase in fringe benefits (\$24). For an explanation of this increase please refer to Account 64000. This increase is also due to costs associated with after hours telephone answering service (\$14), and labour inflation (\$4).				
57					
58					
59					
60	Costs increase from 2008 to 2009 mainly due to labour inflation (\$13), attraction and retention pay (\$6) and fringe benefits (\$2).				
61					
62	<b>87100 - Brushing</b>	238	297	341	359
63					
64	Costs increase from 2006 to 2007 mainly due to an enhanced brushing program (\$40), labour cost increase due to increased brushing activity (\$11), and increase in fringe benefits (\$8). For an explanation of this fringe increase please refer to Account 64000.				
65					
66					
67					
68	Costs increase from 2007 to 2008 due to increases to the labour compliment and labour inflation (\$24), non-labour inflation (\$12), fringe benefits (\$4), and new attraction and retention pay (\$4).				
69					
70					
71	Costs increase from 2008 to 2009 mainly due to inflation.				
72					
73	<b>87300 - Maintenance</b>	927	936	1,386	1,514
74					
75	Costs increase from 2007 to 2008 due mainly to additional labor as a result of new hires (\$136), vacancy reductions (\$120), new attraction and retention pay (\$75), fringe benefits (\$59), annual labour inflation (\$46), and non-labour inflation (\$14). The cost increases are for new and more extensive programs. These programs relate to Core certification and environmental requirements. Many of these programs are mandated by outside agencies or are a result of changes to industry standard. The increases also relate to enhanced patrols of lines and the introduction of planned maintenance programs designed to support system performance.				
76					
77					
78					
79					
80					
81					
82	Costs increase from 2008 to 2009 mainly due to inflation.				
83					
84	<b>87400 - Underground Line Maintenance</b>	104	91	122	131
85					
86	Costs decrease from 2006 to 2007 mainly due to a comprehensive inspection done in 2006.				
87					
88	Costs increase from 2007 to 2008 mainly due to annual labour inflation (\$14), new attraction and retention pay (\$7), non-labour inflation (\$6), and fringe benefits (\$4)				
89					
90					
91	Costs increase from 2008 to 2009 mainly due to inflation.				
92					
93	<b>87500 - Meter and Meter Testing</b>	145	108	115	75
94					
95	Costs decrease from 2006 to 2007 mainly due to less one-time costs related to Automated Metering Reading (AMR) feasibility study (\$19) and less miscellaneous material issues and payables (\$18).				
96					
97					
98	Costs increase from 2007 to 2008 mainly due to inflation.				
99					
100	Costs decrease from 2008 to 2009 mainly due to savings from AMR.				

**Yukon Electrical Company Limited  
2008 - 2009 General Rate Application  
Operation and Maintenance Expenses**

5.2  
f 5

Line No.	Description	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
101	<b>87700 - Transformer Repair and Replacement</b>	20	34	28	30
102					
103	Costs increase from 2006 to 2007 mainly due to higher unplanned repairs to failed transformers.				
104					
105	Costs decrease from 2007 to 2008 mainly due to normalization in allowance for unplanned repairs to failed transformers.				
106					
107	<b>87800 - Street Light Maintenance</b>	148	186	226	241
108					
109	Costs increase from 2006 to 2007 mainly due to increases in number of lights and age of street light infrastructure as well as maintenance for new types of lights such as waterfront decorative lighting (\$31), and increase in fringe benefits (\$7). For an explanation of the fringe increase please refer to Account 64000.				
110					
111					
112	Costs increase from 2007 to 2008 mainly due to annual labour inflation as increased maintenance requirements (\$19), new attraction and retention pay (\$9), non-labour inflation (\$8), and fringe benefits (\$4).				
113					
114					
115					
116	<b>General</b>				
117					
118	<b>88900 - Maintenance Warehouse and Office</b>	97	110	118	125
119					
120	Costs increase from 2006 to 2007 mainly due to heating fuel cost inflation.				
121					
122	Costs increase from 2007 to 2008 mainly due to heating fuel cost inflation (\$5) and labour inflation (\$3).				
123					
124	<b>Public Information</b>				
125					
126	<b>70100 - Public Information Administration</b>	101	64	100	106
127					
128	Costs decrease for 2006 to 2007 mainly due to decrease labour due to a vacancy in the marketing and communications manager position.				
129					
130					
131	Costs increase from 2007 to 2008 mainly due to increased outsourcing costs for website development/maintenance and other communications costs.				
132					
133					
134	<b>70200 - General Public Information</b>	54	29	28	30
135					
136	Costs decrease from 2006 to 2007 due to one-time commitments for 2007 Canada Winter Games funding in 2006.				
137					
138	<b>71000 - Supervision</b>	34	31	35	49
139					
140	Costs increase from 2008 to 2009 due to the return to normal staffing levels after billing system implementation complete (\$12) as well as labour inflation (\$2).				
141					
142					

**Yukon Electrical Company Limited  
2008 - 2009 General Rate Application  
Operation and Maintenance Expenses**

5.2  
f 5

Line No.	Description	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
143	<b>Customer accounting</b>				
144					
145	<b>71100 - Customer Applications and Service Orders</b>	283	335	407	450
146					
147	Costs increase from 2006 to 2007 mainly due to an increase in fringe benefits (\$32). For an explanation of this fringe increase please refer to Account 64000. This increase is also due to labour inflation (\$15), and non-labour inflation (\$5).				
148					
149	Costs increase from 2007 to 2008 mainly due to labour inflation (\$41), new attraction and retention pay (\$23), fringe benefits (\$5) and other inflation (\$3)				
150					
151					
152	Costs increase from 2008 to 2009 mainly due to labour inflation.				
153					
154					
155	<b>71200 - Meter Reading</b>	391	464	436	471
156					
157	Costs increase from 2006 to 2007 mainly due to increase in fringe benefits (\$38). For an explanation of this fringe increase please refer to Account 64000. This increase is also due to higher labour costs (\$23), annual labour inflation (\$10), and non-labour inflation (\$2).				
158					
159					
160					
161	Costs decrease from 2007 to 2008 mainly due to utilization of non-journeyman labour for meter reading services as an additional Field Service Representative was added to the labour compliment (\$40) and related fringe benefits decrease (\$14). This is offset by labour inflation (\$11), new attraction and retention pay (\$9) and other dollar inflation (\$6).				
162					
163					
164	Costs increase from 2008-2009 mainly due to inflation.				
165					
166					
167	<b>71300 - Customer Billing &amp; Accounting</b>	474	513	572	646
168					
169	Costs increase from 2006 to 2007 mainly due to inflation (\$24) and an increase in fringe benefits (\$15). For an explanation of the fringe increase please refer to Account 64000.				
170					
171					
172	Costs increase from 2007 to 2008 due to implementing the new ATCO-CIS billing system. The new system conversion is planned to be completed by July 2008.				
173					
174					
175	Costs increase from 2008 to 2009 due to full year impact of the new ATCO-CIS billing system costs.				
176					
177	<b>71400 - Revenue Collections</b>	167	181 0	162 0	258
178					
179	Costs increase from 2006 to 2007 mainly due to an increase in fringe benefits (\$18). For an explanation of this fringe increase please refer to Account 64000. This increase is also due to labour inflation (\$5) offset by decreased payment agent costs from closure of payment agents in some communities outside Whitehorse (\$9).				
180					
181					
182	Costs decrease from 2007 to 2008 mainly due to decreased labour and fringe as we migrate off of taking payments at our service building in Watson Lake.				
183					
184					
185	Costs increase from 2008 to 2009 due to the commencement of accepting credit cards for customer payments.				
186					
187					
188	<b>71500 - Collection of Delinquent Accounts</b>	121	124	142	158
189					
190	Costs increase from 2007 to 2008 due to labour inflation (\$14) and non-labour inflation (\$4).				
191					
192	Costs increase from 2008 to 2009 due to labour inflation.				
193					

**Yukon Electrical Company Limited  
2008 - 2009 General Rate Application  
Operation and Maintenance Expenses**

5.2  
f 5

Line No.	Description	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
194	<b>Administration and general</b>				
195					
196	<b>72100 - Administrative</b>	1,149	1,176	1,331	1,399
197					
198	Costs increase from 2007 to 2008 mainly due increased head office support for phase I & II GRA filings that are forecast on a leveled basis as well as increased financial reporting requirements (\$80). The increase is also due to other inflation (\$50), and labour inflation (\$25).				
199					
200	Costs increase from 2008 to 2009 mainly due to inflation.				
201					
202					
203	<b>7220</b>				

**Yukon Electrical Company Limited**  
**2008 - 2009 General Rate Application**  
**Affiliate Charges included in Operations and Maintenance**  
**(\$000s)**

.3

Line No.	O&M Category	Affiliate Company	Services Provided	Cross Ref.	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009	
1	<u>Details of Affiliate Costs in Operations and Maintenance</u>								
2	87500 - Meters and Meter Testing	ATCO Electric	Metering Services		37	32	40	42	
3									
4	72100 - Administrative	ATCO Electric	After Hours Answering		0	28	26	26	
5	71200 - Meter Reading	ATCO Gas	Meter Services		34	37	39	41	
6									
7	72100 - Administrative Expenses	ATCO Gas	Office Services		8	14	15	16	
8									
9	72100 - Administrative Expenses	ATCO I-Tek	Information Technology	Note 1	311	331	353	370	
10									
11	71300 - Customer Billing and Accounting	ATCO I-Tek Business Services	Billing System Services	Note 1	354	366	434	484	
12									
13									
14	<u>Details of Head Office Costs</u>								
15	72100 - Administrative Expenses	ATCO Electric	Governance		22	22	24	25	
16	72100 - Administrative Expenses		Human Resources		67	67	87	90	
17	72100 - Administrative Expenses		Health and Safety		18	19	0	0	
18	72100 - Administrative Expenses		Regulatory Phase II		0	0	12	3	
19	72100 - Administrative Expenses		Financial Reporting and Regulatory Phase I		25	26	87	73	
20	72100 - Administrative Expenses		Payroll		7	6	9	10	
21	72100 - Administrative Expenses		Use of Systems		10	8	5	6	
22	72100 - Administrative Expenses		information Technology		3	3	2	3	
23									
24			Total Head Office Fees		152	151	226	210	
25	72100 - Administrative Expenses	ATCO Electric	Material Management		12	9	0	0	
26									
27									
28									
29									
30	Total Affiliate Costs included in Operations and Maintenance					908	968	1,133	1,189

31 Note 1 - The test period forecast costs are placeholders pending the completion of a benchmarking study. Please refer to Affiliate Costs write-up on Pages 5-3 & 5-4.







**Yukon Electrical Company Limited**  
**2008 - 2009 General Rate Application**  
**Schedule of Amortization of Differences**

Line No.	Acct.	Description	Cross Ref.	YFR/ Curve	Life	Net Salvage	Depn. Rates	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1		Production - Hydro									
2											
3	422 00	Hydro Structures		R3	30	-10%	3.70%	(11)	(11)	(17)	(17)
4	423 00	Hydro Resv, Dams & Waterways		R3	30	-10%	3.70%	0	0	0	0
5	425 00	Hydro Generators		R3	30	-10%	3.70%	0	0	0	0
6	426 00	Hydro Accessory Electrical Equip		R3	30	-10%	3.70%	0	0	0	0
7	427 00	Hydro Misc Equip		R3	30	-10%	3.70%	0	0	0	0
8		Total Production - Hydro						(11)	(11)	(17)	(17)
9											
10		Production - Diesel									
11	442 00	Structures and improvement - Other		R2.5	40	0%	2.74%	0	0	(2)	(2)
12	444 00	Fuel Holders, Proucers, & Acc. Equipment - Other		R4	35	-30%	3.90%	(1)	(1)	(3)	(3)
13	445 00	Generating Equipment & Prime Mover - Other		R2.5	27	-10%	4.06%	(28)	(28)	(24)	(24)
14	446 00	Accessory Electric Equipment - Other		R3	35	0%	3.00%	(7)	(7)	(16)	(16)
15	447 00	Misc. Power Plant Equipment - Other		R3	35	-5%	3.31%	(1)	(1)	(2)	(2)
16		Total Production - Diesel						(37)	(37)	(47)	(47)
17											
18		Transmission									
19	457 00	Substation Equipment		R4	40	0%	2.55%	(2)	(2)	(4)	(4)
20		Total Transmission						(2)	(2)	(4)	(4)
21											
22		Distribution Plant									
23	471 00	Land Rights		R3	75	0%	1.52%	(0)	(0)	0	0
24	473 00	Poles, Towers & Fixtures		R3	40	-60%	4.27%	3	3	(47)	(47)
25	474 00	Overhead Conductor		R3	40	-70%	4.57%	(8)	(8)	19	19
26	474 10	Services - Overhead		R3	40	0%	2.62%	(5)	(5)	(10)	(10)
27	475 00	Underground Conductor		R4	50	-5%	2.22%	(5)	(5)	1	1
28	475 10	Services - Underground		R4	40	0%	2.63%	0	0	(6)	(6)
29	476 10	Meters		n/a	0	0%	9.00%	24	24	0	0
30	476 30	AMR - Meters		S2	25	0%	4.54%				
31	477 10	Substation Equipment		R3	35	0%	2.92%	(5)	(5)	0	0
32	478 10	Street Lighting		R3	25	-10%	4.54%	(15)	(15)	(25)	(25)
33	478 20	Sentinel Lights		R2	23	10%	3.03%	(11)	(11)	0	0
34	479 10	Line Transformers		R3	35	-5%	3.19%	(25)	(25)	(69)	(69)
35		Total Distribution Plant						(47)	(47)	(137)	(137)
36											
37		General Plant									
38	482 00	Structures & Improvements		R4	32	5%	3.03%	(3)	(3)	3	3
39	483 00	Office Furniture & Equipment		SQ	15	0%	4.49%	0	0	3	3
40	483.20	Computer Hardware/Software		SQ	5	0%	20.00%	(14)	(14)	0	0
41	484 00	Transportation & Mobile Equipment		R0.5	10	20%	8.66%	(33)	(33)	0	0
42	485 00	Tool & Work Equipment		SQ	15	0%	6.54%	6	6	(3)	(3)
43	486 00	Communication Structures & Equipment		SQ	15	0%	5.79%	1	1	11	11
44	488 20	Company Housing		R3	40	10%	2.47%				
45	491 00	Franchise & Consent					0.00%	0	0	0	0
46	496 xx	New ATCO-CIS					10.00%				
47	496 05	Oracle Financials		S3	10	0%	10.00%	0	0	0	0
48		Total General Plant						(43)	(43)	14	14
49											
50		Total Amortization of Differences	S. 7.1 L 2					(140)	(140)	(191)	(191)

**Yukon Electrical Company Limited  
2008 - 2009 General Rate Application  
Return on Rate Base  
(\$000s)**

**Schedule 8.1**

Line No.	Description	Cross Ref.	Mid Year Balance	Ratio	Mid Year Rate Base	Mid Year Cost Rate	Return
1	<b>2006 Actuals</b>						
2	Long-term debt	S.8.2 L.18	22,475	57.18%	23,424	7.14%	1,673
3	Common stock		16,280	41.42%	16,967	10.67%	1,811
4	No Cost Capital	S.8.4 L.8	549	1.40%	572	0.00%	0
5	Total	S.8.5 L.21 S.1.1 L.15	<u>39,304</u>	<u>100%</u>	<u>40,963</u>	<u>8.51%</u>	<u>3,484</u>
6	<b>2007 Actual</b>						
7	Long-term debt	S.8.2 L.36	23,800	57.60%	25,117	7.03%	1,766
8	Common stock		16,890	40.87%	17,825	10.37%	1,848
9	No Cost Capital	S.8.4 L.8	632	1.53%	666	0.00%	0
10	Total	S.8.5 L.21 S.1.1 L.15	<u>41,322</u>	<u>100%</u>	<u>43,608</u>	<u>8.29%</u>	<u>3,614</u>
11	<b>2008 Test Period</b>						
12	Long-term debt	S.8.3 L.19	24,575	54.23%	24,838	7.01%	1,741
13	Common stock		20,071	44.29%	20,286	9.25%	1,877
14	No Cost Capital	S.8.4 L.8	669	1.48%	676	0.00%	0
15	Total	S.8.5 L.21 S.1.1 L.15	<u>45,315</u>	<u>100%</u>	<u>45,800</u>	<u>7.90%</u>	<u>3,618</u>
16	<b>2009 Test Period</b>						
17	Long-term debt	S.8.3 L.38	26,950	51.81%	26,498	6.83%	1,810
18	Common stock		24,376	46.86%	23,967	9.25%	2,216
19	No Cost Capital	S.8.4 L.8	695	1.34%	683	0.00%	0
20	Total	S.8.5 L.21 S.1.1 L.15	<u>52,021</u>	<u>100%</u>	<u>51,149</u>	<u>7.87%</u>	<u>4,026</u>

**Yukon Electrical Company Limited**  
**2008 - 2009 General Rate Application**  
**Schedule of Debt Capital Employed and Embedded Cost**  
(\$000's)

Schedule 8.2

Line No.													
1	<b>2006 Actuals</b>										<b>Net Capital Employed</b>		
2							Principal	Per \$100 of		Principal	Average		
3							Amount	Total	Principal	Effective	Outstanding	Carrying	Embedded
4	Description	Series	Issue Date	Coupon Rate	Maturity Date	Amount Offered	Amount	Amount	Cost Rate *	31-Dec-06	Cost	Cost Rate	
5		C	30-Nov-89	10.28%	2009	2,000	2,000	100.00	10.33%	2,000	207		
6		D	28-Nov-90	11.85%	2020	1,500	1,500	100.00	11.91%	1,500	179		
7		E	8-May-92	9.46%	2023	2,500	2,500	100.00	9.51%	2,500	238		
8		K	13-Aug-99	6.80%	2019	4,500	4,500	100.00	6.85%	4,500	308		
9		L	2-Jun-00	7.00%	2008	600	600	100.00	7.05%	600	42		
10		N	22-Nov-02	6.16%	2017	3,900	3,900	100.00	6.21%	3,900	242		
11		O	23-Jan-04	5.42%	2019	1,000	1,000	100.00	5.47%	1,000	55		
12		P	18-Nov-04	5.11%	2014	500	500	100.00	5.16%	500	26		
13		Q	21-Nov-05	5.18%	2035	4,300	4,300	100.00	5.23%	4,300	225		
14		R	20-Nov-06	5.02%	2036	3,000	3,000	100.00	5.07%	3,000	152		
15	Total					23,800				23,800	1,673	7.03%	
16	Prior Year									21,150	1,538	7.27%	
17	Total									44,950	3,211		
18	Mid Year									22,475	1,606	7.14%	
19	<b>2007 Actual</b>										<b>Net Capital Employed</b>		
20							Principal	Per \$100 of		Principal	Average		
21							Amount	Total	Principal	Effective	Outstanding	Carrying	Embedded
22	Description	Series	Issue Date	Coupon Rate	Maturity Date	Amount Offered	Amount	Amount	Cost Rate *	31-Dec-07	Cost	Cost Rate	
23		C	30-Nov-89	10.28%	2009	2,000	2,000	100.00	10.33%	2,000	207		
24		D	28-Nov-90	11.85%	2020	1,500	1,500	100.00	11.91%	1,500	179		
25		E	8-May-92	9.46%	2023	2,500	2,500	100.00	9.51%	2,500	238		
26		K	13-Aug-99	6.80%	2019	4,500	4,500	100.00	6.85%	4,500	308		
27		L	2-Jun-00	7.00%	2008	600	600	100.00	7.05%	600	42		
28		N	22-Nov-02	6.16%	2017	3,900	3,900	100.00	6.21%	3,900	242		
29		O	23-Jan-04	5.42%	2019	1,000	1,000	100.00	5.47%	1,000	55		
30		P	18-Nov-04	5.11%	2014	500	500	100.00	5.16%	500	26		
31		Q	21-Nov-05	5.18%	2035	4,300	4,300	100.00	5.23%	4,300	225		
32		R	20-Nov-06	5.02%	2036	3,000	3,000	100.00	5.07%	3,000	152		
33	Total					23,800				23,800	1,673	7.03%	
34	Prior Year									23,800	1,673	7.03%	
35	Total									47,600	3,346		
36	Mid Year									23,800	1,673	7.03%	

**Yukon Electrical Limited**  
**2008 - 2009 General Rate Application**  
**Schedule of Debt Capital Employed and Embedded Cost**  
(\$000's)

Schedule 8.3

Line No.													
1	<b>2008 Test Period</b>										<b>Net Capital Employed</b>		
2							Principal	Per \$100 of		Principal	Average		
3							Amount	Total	Principal	Effective	Outstanding	Carrying	Embedded
4	Description	Series	Issue Date	Coupon Rate	Maturity Date	Amount Offered	Amount	Amount	Cost Rate *	31-Dec-08	Cost	Cost Rate	
5		C	30-Nov-89	10.28%	2009	2,000	2,000	100.00	10.33%	2,000	207		
6		D	28-Nov-90	11.85%	2020	1,500	1,500	100.00	11.91%	1,500	179		
7		E	8-May-92	9.46%	2023	2,500	2,500	100.00	9.51%	2,500	238		
8		K	13-Aug-99	6.80%	2019	4,500	4,500	100.00	6.85%	4,500	308		
9		L	2-Jun-00	7.00%	2008	0	0		7.05%	0	0		
10		N	22-Nov-02	6.16%	2017	3,900	3,900	100.00	6.21%	3,900	242		
11		O	23-Jan-04	5.42%	2019	1,000	1,000	100.00	5.47%	1,000	55		
12		P	18-Nov-04	5.11%	2014	500	500	100.00	5.16%	500	26		
13		Q	21-Nov-05	5.18%	2035	4,300	4,300	100.00	5.23%	4,300	225		
14		R	20-Nov-06	5.02%	2036	3,000	3,000	100.00	5.07%	3,000	152		
15		T	20-Nov-08	6.55%	2038	2,150	2,150	100.00	6.60%	2,150	142		
16	Total					25,350				25,350	1,773	6.99%	
17	Prior Year									23,800	1,673	7.03%	
18	Total									49,150	3,446		
19	Mid Year									24,575	1,723	7.01%	
20	<b>2009 Test Period</b>										<b>Net Capital Employed</b>		
21							Principal	Per \$100 of		Principal	Average		
22							Amount	Total	Principal	Effective	Outstanding	Carrying	Embedded
23	Description	Series	Issue Date	Coupon Rate	Maturity Date	Amount Offered	Amount	Amount	Cost Rate *	31-Dec-09	Cost	Cost Rate	
24		D	28-Nov-90	11.85%	2020	1,500	1,500	100.00	11.91%	1,500	179		
25		E	8-May-92	9.46%	2023	2,500	2,500	100.00	9.51%	2,500	238		
26		K	13-Aug-99	6.80%	2019	4,500	4,500	100.00	6.85%	4,500	308		
27		L	2-Jun-00	7.00%	2008	0	0		7.05%	0	0		
28		N	22-Nov-02	6.16%	2017	3,900	3,900	100.00	6.21%	3,900	242		
29		O	23-Jan-04	5.42%	2019	1,000	1,000	100.00	5.47%	1,000	55		
30		P	18-Nov-04	5.11%	2014	500	500	100.00	5.16%	500	26		
31		Q	21-Nov-05	5.18%	2035	4,300	4,300	100.00	5.23%	4,300	225		
32		R	20-Nov-06	5.02%	2036	3,000	3,000	100.00	5.07%	3,000	152		
33		T	20-Nov-08	6.55%	2038	2,150	2,150	100.00	6.60%	2,150	142		
34		U	20-Nov-09	6.55%	2039	5,200	5,200	100.00	6.60%	5,200	343		
35	Total					28,550				28,550	1,909	6.69%	
36	Prior Year									25,350	1,773	6.99%	
37	Total									53,900	3,682		
38	Mid Year									26,950	1,841	6.83%	

**Yukon Electrical Company Limited**  
**2008 - 2009 General Rate Application**  
**Continuity Schedule of No Cost Capital**  
(\$000s)

Schedule 8.4

Line No.	Description	Cross Ref.	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	<b>No Cost Capital</b>					
2	<b>Deferred Pension and Regulatory Asset/Liability</b>					
3						
4	<b><u>Mid-Year Balance Summary</u></b>					
5	Defined Benefit Pension	L.16	443	514	537	537
6	Other Post Employment Benefits (OPEB)	L.23	172	171	171	171
7	Injuries & Damages	L.30	(66)	(53)	(39)	(13)
8	<b>Total No Cost Capital Mid-Year Balance</b>	S.8.1 L.4,9,14,19	<u>549</u>	<u>632</u>	<u>669</u>	<u>695</u>
9						
10						
11	<b>Other Post Employment Benefits (OPEB)</b>					
12	Balance at beginning of year		395	490	537	537
13	Add: Charges		123	103	60	60
14	Less: Cash Payments		(28)	(56)	(60)	(60)
15	Balance at end of year		<u>490</u>	<u>537</u>	<u>537</u>	<u>537</u>
16	Mid-Year balance	(L.12+L.15) / 2	<u>443</u>	<u>514</u>	<u>537</u>	<u>537</u>
17						
18	<b>Defined Benefit Pension</b>					
19	Balance at beginning of year		173	171	171	171
20	Add: Charges		9	520	579	629
21	Less: Cash Payments		(11)	(520)	(579)	(629)
22	Balance at end of year		<u>171</u>	<u>171</u>	<u>171</u>	<u>171</u>
23	Mid-Year balance	(L.19+L.22) / 2	<u>172</u>	<u>171</u>	<u>171</u>	<u>171</u>
24						
25	<b>Injuries &amp; Damages</b>					
26	Balance at beginning of year		(78)	(54)	(52)	(26)
27	Add: Write-off	S.10.1 L.8	75	75	86	86
28	Less: Costs	S.10.1 L.17	(51)	(73)	(60) 0	(60)
29	Balance at end of year		<u>(54)</u>	<u>(52)</u>	<u>(26)</u>	<u>0</u>
30	Mid-Year balance	(L.26+L.29) / 2	<u>(66)</u>	<u>(53)</u>	<u>(39)</u>	<u>(13)</u>
31						

**Yukon Electrical Company Limited**  
**2008 - 2009 General Rate Application**  
**Computation of Rate Base**  
(\$000s)

Schedule 8.5

Line No.	Description	Cross Ref.	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	<b>Property, Plant and Equipment</b>					
2	Year end balance	S.8.6 L.8	110,103	117,486	126,696	139,035
3	Deduct:					
4	Accumulated depreciation	S.8.6 L.14	49,959	53,768	57,693	61,314
5	Construction-in-progress	S.9.1 L.26	871	1,035	620	580
6	Total deductions		50,830	54,803	58,313	61,894
7	<b>Net plant in Service</b>					
8	Current year-end balance		59,273	62,683	68,382	77,140
9	Previous year-end balance		56,140	59,273	62,683	68,382
10	Total		115,413	121,956	131,066	145,522
11	Mid-year balance		57,707	60,978	65,533	72,761
12	Mid-year rate deferred charges/credits	S.8.8 L.13	0	309	757	570
13	Working capital	S.8.9 L.29	3,683	4,078	2,805	2,650
14	<b>Gross Rate Base</b>		61,390	65,365	69,095	75,981
15	Deduct:					
16	<b>Contributions for extensions</b>					
17	Current year-end balance	S.8.11 L.11	21,017	22,496	24,093	25,571
18	Previous year-end balance		19,837	21,017	22,496	24,093
19	Total		40,854	43,513	46,589	49,664
20	Mid-year balance		20,427	21,757	23,295	24,832
21	<b>Net Rate Base</b>	S.8.1 L.5,10,15,20	40,963	43,608	45,800	51,149

**Yukon Electrical Company Limited**  
**2008 - 2009 General Rate Application**  
**Continuity Schedule of Property, Plant and Equipment**  
**(\$000)**

**Schedule 8.6**

<b>Line No.</b>	<b>Description</b>	<b>Cross Ref.</b>	<b>Actual 2006</b>	<b>Actual 2007</b>	<b>Test Period 2008</b>	<b>Test Period 2009</b>
<b>1</b>	<b>Property, Plant and Equipment</b>					
2	Balance at beginning of year		102,602	109,232	116,451	126,076
3	Additions	S.9.1 L.25	6,872	7,645	9,975	13,544
4	Retirement and disposals	S.8.7 L.20	(242)	(426)	(351)	(1,165)
5		S.7.2, 7.3 L.50	6,630	7,219	9,624	12,379
6	Balance at end of year	S.7.2, 7.3 L.52	109,232	116,451	126,076	138,455
7	Construction-in-progress	S.9.1 L.26	871	1,035	620	580
8	Total Property, Plant and Equipment	S.8.5 L.2	110,103	117,486	126,696	139,035
<b>9</b>	<b>Accumulated Depreciation</b>					
10	Balance at beginning of year		46,441	49,959	53,768	57,693
11	Depreciation expense	S.7.1 L.4	3,901	4,171	4,365	4,837
12	Depreciation capitalized		21	24	24	24
13	Retirements and dismantling		(404)	(386)	(464)	(1,240)
14	Balance at end of year	S.8.5 L.4	49,959	53,768	57,693	61,314
15	Net Property, Plant and Equipment		60,144	63,718	69,002	77,720

**Yukon Electrical Company Limited**  
**2008 - 2009 General Rate Application**  
**Continuity Schedule of Capital Retirements by Function**  
**(\$000)**

**Schedule 8.7**

<b>Line No.</b>	<b>Description</b>	<b>Cross Ref.</b>	<b>Actual 2006</b>	<b>Actual 2007</b>	<b>Test Period 2008</b>	<b>Test Period 2009</b>
1	<b>Generation</b>					
2	Other retirements less than \$20,000		0	(3)	(14)	(14)
3	Total Generation Retirements		0	(3)	(14)	(14)
4						
5						
6	<b>Distribution</b>					
7	Poles, Towers & Fixtures		(66)	(11)	(68)	(68)
8	Line transformers		(18)	(3)	(18)	(18)
9	Meters		(49)	(15)	(82)	(896)
10	Other retirements less than \$20,000		(7)	(4)	(8)	(8)
11	Total Distribution Retirements		(140)	(33)	(176)	(990)
12						
13	<b>General Plant</b>					
14	Office Furniture & Equipment		(42)	(39)	(44)	(44)
15	Vehicles		0	(289)	(57)	(57)
16	Tool & Work Equipment		(59)	(61)	(59)	(59)
17	Other retirements less than \$20,000		(1)	(2)	(1)	(1)
18	Total General Plant Retirements		(102)	(390)	(161)	(161)
19						
20	<b>Total Capital Retirements</b>	S.8.6 L.4	(242)	(426)	(351)	(1,165)

**Yukon Electrical Company Limited**  
**2008 - 2009 General Rate Application**  
**Continuity Schedule of Deferred Charges & Credits**  
**(\$000s)**

Schedule 8.8

Line No.	Description	Cross Ref.	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	<b>Total Deferred Charges &amp; Credits Summary</b>					
2						
3	<b>Write-off Summary</b>					
4	Rate Case Costs		0	0	(375)	(375)
5	Diesel Plant Major Overhaul Costs		0	(108)	(123)	(123)
6	Fish Lake License Renewal Costs		0	(79)	(154)	(154)
7	<b>Total Write-off</b>	S.1.1 L.14	0	(187)	(652)	(652)
8						
9	<b>Deferred Credits Mid-Year Balance Summary</b>					
10	Rate Case Reserve		0	15	203	188
11	Diesel Plant Major Overhaul Costs		0	215	399	306
12	Fish Lake Licence Reserve			79	156	77
13	<b>Total Deferred Credits Mid-Year Balance</b>	S.8.5 L.12	0	309	757	570
14						
15	<u>Rate Case Costs</u>					
16	Balance at beginning of year		0	0	30	375
17	Add: Rate Case Costs		0	30	720	0
18	Less: Rate Case Write-off		0	0	(375)	(375)
19	Balance at end of year		0	30	375	0
20						
21	Mid-Year balance	(L.16+L.19)/2	0	15	203	188
22						
23	<u>Diesel Plant Major Overhaul Costs</u>					
24	Balance at beginning of year		0	0	430	367
25	Add: Watson Lake plant overhaul costs		0	538	60	0
26	Less: Watson Lake plant overhaul Write-off		0	(108)	(123)	(123)
27	Balance at end of year		0	430	367	244
28						
29	Mid-Year balance	(L.24+L.27)/2	0	215	399	306
30						
31						
32	<u>Fish Lake License Renewal Costs</u>					
33	Balance at beginning of year		0	0	158	154
34	Add: Fish Lake Costs		0	237	150	0
35	Less: Fish Lake Write-off		0	(79)	(154)	(154)
36	Balance at end of year		0	158	154	0
37						
38	Mid-Year balance	(L.33+L.36)/2	0	79	156	77
39						

**Yukon Electrical Company Limited**  
**2008 - 2010 General Rate Application**  
**Computation of Allowance for Working Capital**  
**(\$000s)**

3.9

Line No.	Description	Cross Ref.	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	Operating and maintenance	S.1.1 L.9	6,969	7,290	8,758	9,317
2	Purchased Power	S.1.1 L.7	23,239	23,647	23,846	23,494
3	Diesel Fuel	S.1.1 L.8	2,026	2,054	5,715	5,299
5	Property Taxes	S.1.1 L.11	230	235	249	261
6	Net O&M		32,464	33,226	38,567	38,371
7	O&M Lag Days		19	19	5	5
8	Operating Expenses Working Capital		1,690	1,730	573	570
9	Tax installments		1,045	1,140	422	500
10	Income Tax Installment Lag Days		25	25	22	22
11	Tax Installments Working Capital		72	78	25	30
12	Income taxes receivable (payable)		11	285	0	(544)
13	Tax Receivable Lag Days		206	206	204	204
14	Taxes Payable Working Capital		6	161	0	(304)
15	Inventory (Three year average)		1,516	1,702	1,858	1,942
16	GST Impact on working capital	S.8.10 L.38	146	141	108	117
17	Return - Long Term Debt		1,673	1,766	1,741	1,810
18	Combined Long Term Debt Lag Days		(46)	(46)	(52)	(52)
19	Long Term Debt Working Capital		(212)	(224)	(248)	(258)
20	Return - 50% of Common Equity		906	924	939	1,108
21	Dividend Lag Days		(1)	(1)	(4)	(4)
22	Common Equity (Dividend) Working Capital		(2)	(3)	(10)	(12)
23	Return - 50% of Common Equity		906	924	939	1,108
24	Depreciation Lag Days		45	45	42	42
25	Common Equity (Retained Earnings) Working Capital		112	114	108	127
26	Net Depreciation		2,893	3,079	3,402	3,809
27	Depreciation Lag Days		45	45	42	42
28	Depreciation Working Capital		357	380	391	438
29	Working capital	S.8.5 L.13	3,683	4,078	2,805	2,650

**Yukon Electrical Company Limited  
2008 - 2009 General Rate Application  
Effect of GST on Working Capital  
(\$000s)**

Schedule 8.10

Line No.	Description	Cross Ref.	Actual 2006	Forecast 2007	Test Period 2008	Test Period 2009
1	REVENUE:					
2	Total Operating Revenue Subject to GST	S.2.1 L.45	34,233	35,160	45,850	47,075
3	GST Rate		6.50%	6.00%	5.00%	5.00%
4	GST Billable	(a)	2,225	2,110	2,293	2,354
5						
6	Day Factor - Revenues		45.0	45.0	41.9	41.9
7	Day Factor - Remittance Lag		56.6	56.6	56.6	56.6
8		(b)	(11.6)	(11.6)	(14.7)	(14.7)
9						
10	GST Impact on Working Capital Increase/(Decrease)	(a)*(b)/365	(71)	(67)	(93)	(95)
11						
12	EXPENSES:					
13	Total Utility Expenses		39,875	40,961	46,660	47,902
14	Taxes other than Income		(230)	(235)	(249)	(261)
15	Labour and Fringe		(3,296)	(3,826)	(4,629)	(5,072)
16	Depreciation		(3,901)	(4,171)	(4,365)	(4,837)
17	Amortization of contributions		1,008	1,092	963	1,028
18	Income Tax		(1,034)	(855)	(421)	(1,044)
19	Fish Lake Costs		0	237	150	0
20	Fish Lake Amortization		0	(79)	(154)	(154)
21	Plant Maintenance Reserve Costs		0	538	60	0
22	Plant Maintenance Reserve Amortization		0	(108)	(123)	(123)
23	Injuries & Damages Costs		(51)	(73)	(60)	(60)
24	Injuries & Damages Write-off		75	75	86	86
25	Rate Case Costs		0	30	720	0
26	Rate Case Write-off		0	0	(375)	(375)
27	Capital Expenditures		7,316	7,809	9,560	13,504
28	Net Costs Subject to GST		39,762	41,396	47,824	50,595
29	GST Rate		6.50%	6.00%	5.00%	5.00%
30	GST Refundable	(c)	2,585	2,484	2,391	2,530
31						
32	Day Factor - Expense (Including Capital)		26.0	26.0	26.0	26.0
33	Day Factor - Remittance Lag		56.6	56.6	56.6	56.6
34		(d)	30.6	30.6	30.6	30.6
35						
36	GST Impact on Working Capital Increase/(Decrease)	(c)*(d)/365	217	208	200	212
37						
38	Net Impact of GST on Working Capital	S.8.9 L.16	146	141	108	117

**Yukon Electrical Company Limited**  
**2008 - 2009 General Rate Application**  
**Continuity Schedule of Contributions in Aid of Construction**  
**(\$000)**

**Schedule 8.11**

Line No.	Description	Cross Ref.	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	<b>Contributions in Aid of Construction</b>					
2	Prior Year Gross Contributions		31,445	33,634	36,205	38,765
3	Additions to property		2,189	2,571	2,560	2,506
4	Retirements		0	0	0	0
5	Current Year Gross Contributions		33,634	36,205	38,765	41,271
6	<b>Accumulated Amortization</b>					
7	Prior Year Accumulated Amortization		11,609	12,617	13,709	14,672
8	Gross Amortization	S.1 L.13	1,008	1,092	963	1,028
9	Retirements		0	0	0	0
10	Current Year Accumulated Amortization		12,617	13,709	14,672	15,700
11	<b>Net Contributions in Aid of Construction</b>	S.8.5 L.17	<u>21,017</u>	<u>22,496</u>	<u>24,093</u>	<u>25,571</u>

**Yukon Electrical Company Limited**  
**2008 - 2009 General Rate Application**  
**Plant Additions**  
**(\$000s)**

le 9

<b>Line No.</b>	<b>Description</b>	<b>Cross Ref.</b>	<b>Actual 2006</b>	<b>Actual 2007</b>	<b>Test Period 2008</b>	<b>Test Period 2009</b>
1	Work in progress, beginning of year		427	871	1,035	620
2	<b>Generation:</b>					
3	Generating Plants		638	476	1,014	3,124
4			638	476	1,014	3,124
5	<b>Billing:</b>					
6	New N60 Billing Systems		0	480	1,008	0
7			0	480	1,008	0
8	<b>Distribution:</b>					
9	New Extensions		2,433	3,106	3,141	2,962
10	Distribution Improvements		2,858	2,070	2,967	2,532
11	Street and Sentinel Lights		943	908	506	495
12	Meters		77	37	330	3,855
13	Transformers and Regulators		0	20		
14			6,311	6,141	6,943	9,843
15	<b>General property and equipment:</b>					
16	Tools, Instruments & Equipment		55	48	50	57
17	Office Furniture & Equipment		6	10	13	10
18	Office Computer Equipment		3	0	6	5
19	Communication Equipment		9	57	102	54
20	Transportation Equipment		158	513	205	230
21	Land and Buildings		136	84	219	181
22			367	712	595	537
23	Miscellaneous Other		0	0	0	0
24	<b>Total capital expenditures</b>		7,316	7,809	9,560	13,504
25	Less: Transfers to rate base	S.8.6 L.3	(6,872)	(7,645)	(9,975)	(13,544)
26	Work in progress, end of year	S.8.5 L.5	871	1,035	620	580

**Yukon Electrical Company Limited**  
**2008 - 2009 General Rate Application**  
**Income Tax Expense**  
**(\$000s)**

Schedule 10.1

Line No.	Description	Cross Ref.	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	Utility earnings before tax		2,845	2,703	2,298	3,260
2	<b>Add:</b>					
3	Depreciation	S.1.1 L.12	3,901	4,171	4,365	4,837
4	Amortization of contributions	S.1.1 L.13	(1,008)	(1,092)	(963)	(1,028)
5	Non-allowable expenses		18	18	18	18
6	Plant Maintenance write-off	S.8.8 L.26	0	108	123	123
7	Rate case write-off	S.8.8 L.18	0	0	375	375
8	Injuries & Damages write-off	S.8.4 L.27	75	75	86	86
9	Fish Lake Water License write-off	S.8.8 L.35	0	79	154	154
10	Charges to deferred pension & OPEB	S.8.4 L.13 + L.20	132	623	639	689
11	Sub-total		<u>3,118</u>	<u>3,982</u>	<u>4,797</u>	<u>5,253</u>
12						
13	<b>Deduct:</b>					
14	CCA		2,259	2,518	3,528	3,960
15	Plant Maintenance Reserve Charges	S.8.8 L.25	0	538	60	0
16	Rate Case Expenditure	S.8.8 L.17	0	30	720	0
17	Injuries & Damages Costs	S.8.4 L.28	51	73	60	60
18	Fish Lake Water License Costs	S.8.8 L.34	0	237	150	0
19	Pension & OPEB payments	S.8.4 L.14 + L.21	39	576	639	689
20	Inventory Pool Costs Capitalized		0	0	358	376
21	Cumulative Eligible Captial		12	11	10	9
22	ES&G		<u>348</u>	<u>334</u>	<u>350</u>	<u>350</u>
23	Sub-total		<u>2,709</u>	<u>4,317</u>	<u>5,875</u>	<u>5,444</u>
24						
25	Taxable income		3,254	2,368	1,220	3,070
26	Tax rate		36.00%	36.00%	34.50%	34.00%
27	Income tax		1,171	852	421	1,044
28	Surtax		36	27	0	0
29	Prior & current years' book to filing overprovision		(174)	(24)	0	0
30	Total current provision	S.1.1 L.16	<u>1,034</u>	<u>855</u>	<u>421</u>	<u>1,044</u>
31						

**Yukon Electrical Company Limited (YECL)  
2008 - 2009 General Rate Application  
Interim Rates (Rider R) & Revenue Shortfall (Rider G) Calculations**

**Schedule 11.1**

Line No.	Description	Cross Ref.	
1	<b>Revenues</b>		
2	2008 Retail revenues on Existing Rates (\$ 000's)	S.2.1 L.45	39,970
3	Less: Fuel Cost in Existing base rates (\$000s)		2,054
4	Sub-total (\$000s)	(2)-(3)	<u>37,916</u>
5			
6	2008 Retail revenues on Proposed Rates (\$ 000's)	S.2.1 L.45	45,850
7	Less: Fuel Cost (\$000s)	S.4.1 L.4	5,715
8	Sub-total (\$000s)	(6)-(7)	<u>40,135</u>
9			
10	<b>Non-Fuel Revenue Shortfall (\$ 000's)</b>	(8)-(4)	2,220
11			
12	YECL 2008 Retail revenues on Existing Primary Rates (\$000s)	S.2.1 L.24	33,677
13	YEC 2008 Retail revenues on Existing Primary Rates (\$000s) <sup>1</sup>	S.11.2 L.14	3,795
14	<b>Total 2008 Retail revenues on Existing Primary Rates (\$000s)</b>	(12)+(13)	<u>37,471</u>
15	<b>2008 Rider R (%) Interim Rate Rider</b>	(10)/(14)*100	5.924%
16			
17			
18	<b>2008 Retail Revenues on Existing Primary Rates (\$000s)</b>		
19	YECL - Jan to Jun		17,101
20	YEC - Jan to Jun <sup>1</sup>	S.11.2 L.2-7	1,864
21	<b>Total Retail Revenues on Existing Primary Rates (\$000s)</b>	(19)+(20)	<u>18,964</u>
22	<b>Interim Rider Shortfall Revenue (\$ 000's) - Jan to Jun 2008</b>	(21)*(15)	1,123
23			
24	<b>Retail Revenues on Existing Primary Rates (\$000s)</b>		
25	YECL 2008 Revenue (\$ 000's) - Jul to Dec		16,576
26	YECL 2009 Revenue (\$ 000's) - Jan to Jun		17,236
27	YEC 2008 Revenue (\$ 000's) - Jul to Dec <sup>1</sup>	S.11.2 L.8-13	1,931
28	YEC 2009 Revenue (\$ 000's) - Jan to Jun <sup>1</sup>	S.11.2 L.15-20	1,871
29	<b>Retail Revenues for period which shortfall revenue is to be collected</b>	(25)+(26)+(27)+(28)	<u>37,613</u>
30			
31	<b>2008 Rider G (%) Revenue Shortfall Rider</b>	(22)/(29)*100	2.987%

32 <sup>(1)</sup> Excludes revenues from Rate Schedule 39 (Industrial Primary) based on provision of Yukon Territorial Government Order-In-Council (OIC) 2007/94

**Schedule 11.2**

**Yukon Energy Corporation (YEC)  
2008 - 2009 Firm Retail Sales and Revenue Forecast (Excluding Rate 39)**

Line No.	Description	YEC Rate 39 (Minto)		Firm less Rate 39		YEC Rate 39 (Minto)		Firm less Rate 39	
		Firm Retail Sales (MWh)	MWh	MWh	Revenue \$000s	\$000s	\$000s	\$000s	
1	Month/Yr								
2	Jan-08	2,665	0	2,665	343	0	343		
3	Feb-08	2,415	0	2,415	312	0	312		
4	Mar-08	2,371	0	2,371	307	0	307		
5	Apr-08	2,259	0	2,259	293	0	293		
6	May-08	2,124	0	2,124	277	0	277		
7	Jun-08	2,540	0	2,540	333	0	333		
8	Jul-08	2,797	0	2,797	368	0	368		
9	Aug-08	2,694	0	2,694	354	0	354		
10	Sep-08	2,541	0	2,541	333	0	333		
11	Oct-08	5,126	3,000	2,126	576	300	276		
12	Nov-08	4,687	2,500	2,187	533	250	283		
13	Dec-08	4,960	2,500	2,460	567	250	317		
14	<b>Total 2008</b>	<b>37,179</b>	<b>8,000</b>	<b>29,179</b>	<b>4,595</b>	<b>800</b>	<b>3,795</b>		
15	Jan-09	4,704	2,000	2,704	548	200	348		
16	Feb-09	4,413	2,000	2,413	511	200	311		
17	Mar-09	5,438	3,000	2,438	615	300	315		
18	Apr-09	5,281	3,000	2,281	595	300	295		
19	May-09	5,159	3,000	2,159	581	300	281		
20	Jun-09	5,448	3,000	2,448	620	300	320		
21	Jul-09	5,532	3,000	2,532	632	300	332		
22	Aug-09	5,422	3,000	2,422	618	300	318		
23	Sep-09	5,578	3,000	2,578	638	300	338		
24	Oct-09	5,157	3,000	2,157	580	300	280		
25	Nov-09	4,212	2,000	2,212	486	200	286		
26	Dec-09	4,530	2,000	2,530	526	200	326		
27	<b>Total 2009</b>	<b>60,874</b>	<b>32,000</b>	<b>28,874</b>	<b>6,950</b>	<b>3,200</b>	<b>3,750</b>		