



The Yukon Electrical Company Limited
An ATCO Company

July 4, 2008

Yukon Utilities Board
Box 31728
Whitehorse, Yukon
Y1A 6L3

YUKON UTILITIES BOARD		
EXHIBIT		B-4
DAY	ENTERED BY	DATE
	YECL	July 4/08

Attention: Wendy Shanks, Chair:

**RE: Yukon Electrical Company Limited
2008-2009 General Rate Application**

In accordance with Yukon PUB Order 2008-5, Yukon Electrical Company Limited has attached:

- (a) All schedules in the 2008-2009 GRA Application updated to include the same information for the year 2005.
- (b) The following schedules have been updated to include the same information for the years 2003 and 2004 (Schedules 1.1, 2.1, 3.1, 4.1, 4.2, 5.1, 5.3 and 8.1 to 8.6).
- (c) The current maximum company investment policy effective October 18, 2005 is attached. The Company intends to update this policy as part of the Phase II Application.

If you have any questions on the above matter, please contact the undersigned.

Yours truly,

Original Signed By

David Freedman
Director, Regulatory

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

Schedule 1.1

Line No.	Description	Cross Ref.	Actual 2003	Actual 2004	Actual 2005	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	Revenues								
2	Retail revenues	S.2.1 L.45	35,163	36,221	37,109	39,115	40,177	45,850	47,075
3	Other revenue	S.2.2 L.6	692	696	757	760	784	810	827
4	Total Revenues		<u>35,855</u>	<u>36,917</u>	<u>37,866</u>	<u>39,875</u>	<u>40,961</u>	<u>46,660</u>	<u>47,902</u>
5									
6	Costs								
7	Purchase power	S.3.1 L.13	20,562	21,111	21,681	23,239	23,647	23,846	23,494
8	Diesel Fuel	S.4.1 L.6	1,942	2,030	2,014	2,026	2,054	5,715	5,299
9	Operations and maintenance	S.5.1 L.49	6,008	6,469	6,755	6,969	7,290	8,758	9,317
11	Property Taxes	Page 6-1	223	226	230	230	235	249	261
12	Depreciation	S.7.1 L.4	3,355	3,481	3,727	3,901	4,171	4,365	4,837
13	Amortization of contributions	S.8.11 L.8	(847)	(901)	(962)	(1,008)	(1,092)	(963)	(1,028)
14	Amortization of deferred costs/credits	S.8.8 L.7	75	75	-	-	187	652	652
15	Return on rate base	S.8.1 L.5,10,15,20,25,30	3,180	3,186	3,093	3,484	3,614	3,618	4,026
16	Income taxes	S.10.1 L.30	1,357	1,240	1,328	1,034	855	421	1,044
17	Total Costs		<u>35,855</u>	<u>36,917</u>	<u>37,866</u>	<u>39,875</u>	<u>40,961</u>	<u>46,660</u>	<u>47,902</u>

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

Schedule 2.1

Line No.	Description	Cross Ref.	Actual 2003	Actual 2004	Actual 2005	Actual 2006	Actual 2007	Test Period		Test Period	
								2008 Existing	2008 Proposed	2009 Existing	2009 Proposed
1	Residential										
2	Customers (average during year)		11,550	11,741	11,976	12,196	12,452	12,693		12,836	
3	Sales in MWh		110,499	111,283	113,651	122,151	122,334	123,961		125,337	
4	MWh sales per customer		9.6	9.5	9.5	10.0	9.8	9.8		9.8	
5	Revenue (\$000s)		12,705	12,893	13,167	14,001	14,088	14,279		14,435	
6	Cents per KWh		11.50	11.59	11.59	11.46	11.52	11.52		11.52	
7	Commercial										
8	Customers (average during year)		2,432	2,459	2,489	2,515	2,570	2,599		2,629	
9	Sales in MWh		126,962	130,976	131,678	137,080	141,351	141,869		142,564	
10	MWh sales per customer		52.2	53.3	52.9	54.5	55.0	54.6		54.2	
11	Revenue (\$000s)		16,667	17,342	17,432	17,999	18,729	18,549		18,641	
12	Cents per KWh		13.13	13.24	13.24	13.13	13.25	13.07		13.08	
13	Street lights										
14	Sales in MWh		3,030	3,193	3,294	3,263	3,374	3,445		3,522	
15	Revenue (\$000s)		632	654	681	679	703	716		729	
16	Cents per KWh		20.86	20.48	20.67	20.81	20.83	20.78		20.70	
17	Sentinel lights										
18	Sales in MWh		674	664	654	644	639	638		631	
19	Revenue (\$000s)		141	146	137	135	134	134		132	
20	Cents per KWh		20.92	21.99	20.95	20.95	20.96	20.95		20.95	
21	Total Company - Retail - Primary										
22	Customers		13,982	14,200	14,465	14,711	15,022	15,293		15,465	
23	Sales in MWh		241,165	246,116	249,277	263,137	267,698	269,913		272,054	
24	Revenue (\$000s)		30,145	31,035	31,417	32,814	33,654	33,677		33,937	
25	Cents/KWh		12.50	12.61	12.60	12.47	12.57	12.48		12.47	
26	Secondary Sales										
27	Customers (average during year)		17	18	21	22	22	22		23	
28	Sales in MWh		13,039	15,998	18,363	21,555	23,566	16,853		6,954	
29	MWh sales per customer		767.0	888.8	874.4	979.8	1,071.2	754.6		302.4	
30	Revenue (\$000s)		430	528	958	1,367	1,453	1,213		501	
31	Cents per KWh		3.30	3.30	5.22	6.34	6.17	7.20		7.20	
32	Wholesale Sales										
33	Customers (average during year)		2	2	2	2	2	2		2	
34	Sales in MWh		431	369	465	513	488	489		489	
35	MWh sales per customer		215.5	184.5	232.5	256.5	244.0	244.4		244.4	
36	Revenue (\$000s)		43	40	48	52	53	52		52	
37	Cents per KWh		9.98	10.84	10.32	10.14	10.86	10.60		10.60	
38	Total Company										
39	Customers		14,000	14,219	14,487	14,735	15,046	15,317		15,490	
40	Sales in MWh	S.3.2 L.2	254,635	262,483	268,105	285,205	291,752	287,255		279,497	
41	Revenue (\$000s)		30,618	31,603	32,423	34,233	35,160	34,942		34,490	
42	Cents/KWh		12.02	12.04	12.09	12.00	12.05	12.16		12.34	
43	Retail Revenues		<u>30,618</u>	<u>31,603</u>	<u>32,423</u>	<u>34,233</u>	<u>35,160</u>	<u>34,942</u>		<u>34,490</u>	
44	YEC Revenue Shortfall (Rider J)		<u>4,545</u>	<u>4,618</u>	<u>4,686</u>	<u>4,882</u>	<u>5,017</u>	<u>5,028</u>		<u>5,067</u>	
45	TOTAL REVENUES	S.1.1 L.2	<u>35,163</u>	<u>36,221</u>	<u>37,109</u>	<u>39,115</u>	<u>40,177</u>	<u>39,970</u>	<u>45,850</u>	<u>39,557</u>	<u>47,075</u>
46	Rate Increase from Existing Rates								5,881		7,518
47	Less: Impact of higher fuel costs recovered through Rider F								<u>(3,661)</u>		<u>(3,388)</u>
48	Net Rate Increase (\$000s)	L.46 - L.47							<u>2,220</u>		<u>4,130</u>
49	% Rate Increase over Existing Rates										
50	YECL Primary Retail Revenue	L.24						33,677		33,937	
51	YEC Primary Retail Revenue	S11.2 L.14, L.27						<u>3,795</u>		<u>3,750</u>	
52	Total YEC/YECL Retail Revenue Primary Rates (\$00)	L.50 + L.51						<u>37,471</u>		<u>37,687</u>	
53	% Rate increase over existing Rates	L.48 / L.52							<u>5.9%</u>		<u>11.0%</u>

**Yukon Electrical Company Limited
2008 - 2009 General Rate Application
Miscellaneous Revenue**

Schedule 2.2

Line No.	Description	Cross Ref.	Actual 2005	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	Reconnect Revenue		85	83	75	80	80
2	Joint Use		455	426	447	464	480
3	Services to Outside Parties		70	102	99	100	100
4	Other		147	149	163	166	167
5							
6	Total	S.1.1 L.3	757	760	784	810	827

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

Schedule 3.1

Line No.	Description	Cross Ref.	Actual 2003	Actual 2004	Actual 2005	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	Purchases (MWh)								
2	Primary Energy		229,971	235,982	237,419	251,861	254,914	260,093	263,202
3	Secondary Sales		13,039	15,998	18,363	21,555	23,566	16,853	6,954
4		S.3.2 L.10	<u>243,010</u>	<u>251,980</u>	<u>255,782</u>	<u>273,416</u>	<u>278,480</u>	<u>276,946</u>	<u>270,156</u>
5	Purchase Power Rates								
6	Primary Energy Charge (\$ per KWh)		0.0684	0.0684	0.0684	0.0684	0.0684	0.0684	0.0684
7	Secondary Sales (\$ per KWh)		0.0220	0.0220	0.0412	0.0524	0.0507	0.061	0.061
8	Shortfall Rider J ¹		14.93%	14.93%	14.93%	14.93%	14.93%	14.93%	14.93%
9	Purchase Power Expense (\$000s)								
10	Primary Energy Expense	L.2 x L.6	15,730	16,141	16,239	17,227	17,436	17,790	18,003
11	Secondary Energy Expense	L.3 x L.7	287	352	756	1,130	1,194	1,028	424
12	Shortfall Rider J	S.2.1 L.44	4,545	4,618	4,686	4,882	5,017	5,028	5,067
13	Total Purchase Power Expense	S.1.1 L.7	<u>20,562</u>	<u>21,111</u>	<u>21,681</u>	<u>23,239</u>	<u>23,647</u>	<u>23,846</u>	<u>23,494</u>

14 ⁽¹⁾ In March 2003 the Shortfall Rider J changed from 18.74% to 14.93%.

**Yukon Electrical Company Limited
2008 - 2009 General Rate Application
Diesel Generation and Fuel Summary
(\$000s)**

Schedule 4.1

Line No.	Description	Cross Ref.	Actual 2003	Actual 2004	Actual 2005	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	Total Diesel Generation (MWh)	S.3.2 L.8 & 9	21,513	21,988	21,807	22,164	22,334	21,927	20,477
2	Fuel heat rate (KWh per litre)		3.69	3.66	3.66	3.69	3.67	3.71	3.71
3	Litres of fuel (000s)		5,828	6,004	5,956	6,007	6,088	5,915	5,516
4	Fuel costs (\$000s)		2,848	3,284	4,403	4,886	5,226	5,715	5,299
5	Fuel Variance		(906)	(1,254)	(2,389)	(2,860)	(3,172)	-	-
6	Fuel Expense	S.1.1 L.8	1,942	2,030	2,014	2,026	2,054	5,715	5,299
7	Average cost (cents per litre)	L.4 / L.3	48.87	54.70	73.93	81.34	85.84	96.61	96.07

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

Schedule 4.2

Line No.	Description	Cross Ref.	Actual 2003	Actual 2004	Actual 2005	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
	<u>Average Cost (in cents per litre)</u>								
1	Watson Lake		42.04	47.65	66.56	74.62	78.16	87.48	87.48
2	Beaver Creek		42.53	48.34	64.20	70.86	75.51	81.52	81.52
3	Destruction Bay		42.56	49.77	65.12	72.43	77.75	83.13	83.13
4	Old Crow		116.37	122.11	140.99	157.36	167.16	193.41	193.41
4.1	Stewart Crossing		50.91	50.06	65.57				
5	Pelly Crossing		46.08	44.37	73.51	76.50	85.48	89.33	89.33
6	Swift River		45.48	65.99	70.18	80.65	83.58	92.44	92.44
7	Standby		31.92	50.61	39.62	50.42	66.40	70.00	70.00
	<u>Generation (MWh)</u>								
8	Watson Lake		13,505	13,738	13,642	14,116	14,124	14,148	14,322
9	Beaver Creek		1,926	2,067	1,988	2,034	1,957	2,021	2,041
10	Destruction Bay		1,601	1,563	1,419	1,636	1,720	1,722	1,741
11	Old Crow		1,690	1,771	1,962	1,811	1,853	1,967	1,993
11.1	Stewart Crossing		437	433	351				
12	Pelly Crossing		2,017	2,132	2,168	2,250	2,272	1,746	11
13	Swift River		309	271	269	276	277	278	326
14	Standby		27	14	8	40	131	44	44
15		S.4.1 L.1	21,513	21,988	21,807	22,164	22,334	21,927	20,477
16	<u>Net Heat Rate (KWh / litre)</u>								
17	Watson Lake		3.83	3.83	3.79	3.84	3.80	3.82	3.82
18	Beaver Creek		3.52	3.58	3.58	3.60	3.53	3.56	3.56
19	Destruction Bay		3.45	3.41	3.55	3.30	3.34	3.41	3.41
20	Old Crow		3.60	3.50	3.56	3.64	3.52	3.56	3.56
20.1	Stewart Crossing		3.04	2.72	3.06				
21	Pelly Crossing		3.72	3.67	3.64	3.70	3.39	3.62	3.62
22	Swift River		3.00	3.00	2.93	2.99	3.04	2.99	2.99
23	Standby		3.00	3.00	3.00	3.00	3.00	3.50	3.50
24	<u>Litres Consumed (000s)</u>								
25	Watson Lake		3,518	3,585	3,596	3,696	3,707	3,704	3,749
26	Beaver Creek		548	579	565	564	551	567	573
27	Destruction Bay		475	462	423	479	501	505	510
28	Old Crow		479	520	558	514	528	552	559
28.1	Stewart Crossing		148	159	113				
29	Pelly Crossing		544	598	605	633	654	482	3
30	Swift River		99	88	91	91	91	93	109
31	Standby		19	13	6	30	55	13	13
		S.4.1 L.3	5,828	6,004	5,956	6,007	6,088	5,915	5,516

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

Schedule 5.1

Line No.	Description	Cross Ref.	Actual 2003	Actual 2004	Actual 2005	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	Production								
2	62600 - Hydro Generation	S.5.2 L.3	57	59	65	87	99	96	129
3	64000 - Supervision and Engineering Diesel	S.5.2 L.14	31	33	37	44	53	58	64
4	64600 - Diesel Generation	S.5.2 L.25	298	252	260	271	312	394	423
5	82600 - Hydro Maintenance	S.5.2 L.36	23	17	20	8	37	31	33
6	84600 - Diesel Maintenance	S.5.2 L.43	794	862	799	785	810	1,016	951
7			<u>1,203</u>	<u>1,223</u>	<u>1,181</u>	<u>1,196</u>	<u>1,311</u>	<u>1,594</u>	<u>1,600</u>
8	Distribution								
9	87000 - Supervision	S.5.2 L.56	150	159	171	188	230	229	250
10	87100 - Brushing	S.5.2 L.64	114	151	163	238	297	341	359
11	87200 - Vehicle Depreciation		(93)	(82)	(87)	(84)	(94)	(100)	(105)
12	87300 - Maintenance	S.5.2 L.78	848	1,044	819	927	936	1,386	1,514
13	87310 - Service to Outside Parties		78	61	102	96	101	106	112
14	87400 - Underground line maintenance	S.5.2 L.91	111	94	81	104	91	122	131
15	87500 - Meter and Meter Testing	S.5.2 L.102	58	81	170	145	108	115	75
16	87700 - Transformer Repair and Replacement	S.5.2 L.112	1	0	4	20	34	28	30
17	87800 - Street Light Maintenance	S.5.2 L.120	145	147	139	148	186	226	241
18			<u>1,412</u>	<u>1,654</u>	<u>1,563</u>	<u>1,781</u>	<u>1,890</u>	<u>2,453</u>	<u>2,606</u>
19	General								
20	88400 - Communication		6	10	9	11	8	13	14
21	88800 - Maintenance Company-owned Houses		10	16	15	28	29	33	34
22	88900 - Maintenance Warehouse and Office	S.5.2 L.131	97	97	109	97	110	118	125
23			<u>113</u>	<u>123</u>	<u>134</u>	<u>136</u>	<u>147</u>	<u>164</u>	<u>173</u>
24	Public information								
25	70100 - Public Information Administration	S.5.2 L.141	115	139	109	101	64	100	106
26	70200 - General Public Information	S.5.2 L.149	15	19	21	54	29	28	30
27			<u>130</u>	<u>158</u>	<u>129</u>	<u>155</u>	<u>93</u>	<u>128</u>	<u>135</u>
28	Customer accounting								
29	71000 - Supervision	S.5.2 L.155	29	35	36	34	31	35	49
30	71100 - Customer Applications and Service Orders	S.5.2 L.162	289	280	337	283	335	407	450
31	71200 - Meter Reading	S.5.2 L.174	369	382	373	391	464	436	471
32	71300 - Customer Billing and Accounting	S.5.2 L.186	398	438	441	474	513	572	646
33	71400 - Revenue Collections	S.5.2 L.196	196	182	178	167	181	162	258
34	71500 - Collection of Delinquent Accounts	S.5.2 L.207	124	137	141	121	124	142	158
35	71800 - Provision for Uncollectible Accounts		36	36	36	36	36	36	36
36			<u>1,441</u>	<u>1,490</u>	<u>1,540</u>	<u>1,506</u>	<u>1,683</u>	<u>1,791</u>	<u>2,067</u>
37	Administration and general								
38	72100 - Administrative	S.5.2 L.215	952	1,001	1,101	1,149	1,176	1,331	1,399
39	72200 - Administrative Corporate	S.5.2 L.223	153	19	104	27	14	30	32
40	72300 - Insurance	S.5.2 L.232	131	168	202	194	190	231	244
41	72400 - Injuries & Damages		75	75	75	75	75	86	86
42	72500 - Employee Expenses	S.5.2 L.236	107	170	176	208	229	222	312
43	72600 - Training and Safety	S.5.2 L.242	153	149	174	247	297	449	484
44	72700 - Relocation	S.5.2 L.257	87	153	311	190	93	182	77
45	72800 - Miscellaneous General		10	3	3	2	3	2	3
46	72900 - Audit/Legal Fees & Special Studies	S.5.2 L.268	41	84	62	106	88	95	100
47			<u>1,709</u>	<u>1,821</u>	<u>2,208</u>	<u>2,196</u>	<u>2,165</u>	<u>2,628</u>	<u>2,736</u>
48									
49	Total operations and maintenance expenses	S.1.1 L.9	<u>6,008</u>	<u>6,469</u>	<u>6,755</u>	<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**

Line No.	Description	Actual 2005	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	Production					
2						
3	<u>62600 - Hydro Generation</u>	65	87	99	96	129
4						
5	Costs increase from 2005 to 2006 mainly due to a one-time catch-up of 1998-2006 water license fees.					
6						
7	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).					
8						
9						
10						
11	Costs increased from 2008 to 2009 mainly due to additional inspection and reporting to meet the requirements of the new water license.					
12						
13						
14	<u>64000 - Supervision and Engineering Diesel</u>	37	44	53	58	64
15						
16	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.					
17						
18						
19						
20						
21	Costs increase from 2007 to 2008 mainly due to inflation.					
22						
23	Costs increase from 2008 to 2009 mainly due to inflation.					
24						
25	<u>64600 - Diesel Generation</u>	260	271	312	394	423
26						
27	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.					
28						
29						
30	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).					
31						
32						
33						
34	Costs increased from 2008 to 2009 mainly due to labour inflation (\$22), other inflation (\$4), and fringe benefits (\$3).					
35						
36	<u>82600 - Hydro Maintenance</u>	20	8	37	31	33
37						
38	Costs increase from 2006 to 2007 mainly due to inspection and reporting relating to Fish Lake.					
39						
40	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).					
41						
42						
43	<u>84600 - Diesel Maintenance</u>	799	785	810	1,016	951
44						
45	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.					
46						
47						
48	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).					
49						
50						
51						
52	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.					
53						

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

Line No.	Description	Actual 2005	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
54	Distribution					
55						
56	<u>87000 - Supervision</u>	171	188	230	229	250
57						
58	Costs increase from 2006 to 2007 mainly due an increase in fringe benefits (\$24). For an explanation of this increase					
59	please refer to Account 64000. This increase is also due to costs associated with after hours telephone answering					
60	service (\$14), and labour inflation (\$4).					
61						
62	Costs increase from 2008 to 2009 mainly due to labour inflation (\$13), attraction and retention pay (\$6) and fringe benefits (\$2).					
63						
64	<u>87100 - Brushing</u>	163	238	297	341	359
65						
66	Costs increase from 2005 to 2006 due to additional brushing activity (\$56) and labour cost increases due to					
67	increased brushing activity (\$19).					
68						
69	Costs increase from 2006 to 2007 mainly due to an enhanced brushing program (\$40), labour cost increase due					
70	to increased brushing activity (\$11), and increase in fringe benefits (\$8). For an explanation of this fringe					
71	increase please refer to Account 64000.					
72						
73	Costs increase from 2007 to 2008 due to increases to the labour compliment and labour inflation (\$24), non-labour					
74	inflation (\$12), fringe benefits (\$4), and new attraction and retention pay (\$4).					
75						
76	Costs increase from 2008 to 2009 mainly due to inflation.					
77						
78	<u>87300 - Maintenance</u>	819	927	936	1,386	1,514
79						
80	Costs increase from 2005 to 2006 mainly due to filling vacancies in 2006 and labour allocation to 71100 in 2005.					
81						
82	Costs increase from 2007 to 2008 due mainly to additional labor as a result of new hires (\$136), vacancy reductions (\$120),					
83	new attraction and retention pay (\$75), fringe benefits (\$59), annual labour inflation (\$46), and non-labour inflation (\$14).					
84	The cost increases are for new and more extensive programs. These programs relate to Core certification and environmental					
85	requirements. Many of these programs are mandated by outside agencies or are a result of changes to					
86	industry standard. The increases also relate to enhanced patrols of lines and the introduction of planned maintenance programs					
87	designed to support system performance.					
88						
89	Costs increase from 2008 to 2009 mainly due to inflation.					
90						
91	<u>87400 - Underground Line Maintenance</u>	81	104	91	122	131
92						
93	Costs increase from 2005 to 2006 due to a comprehensive inspection done in 2006.					
94						
95	Costs decrease from 2006 to 2007 mainly due to a comprehensive inspection done in 2006.					
96						
97	Costs increase from 2007 to 2008 mainly due to annual labour inflation (\$14), new attraction and retention pay (\$7),					
98	non-labour inflation (\$6), and fringe benefits (\$4)					
99						
100	Costs increase from 2008 to 2009 mainly due to inflation.					
101						
102	<u>87500 - Meter and Meter Testing</u>	170	145	108	115	75
103						
104	Costs decrease from 2005 to 2006 due to high number of meters scheduled for changeout in 2005 versus 2006.					
105						
106	Costs decrease from 2006 to 2007 mainly due to less one-time costs related to Automated Metering					
107	Reading (AMR) feasibility study (\$19) and less miscellaneous material issues and payables (\$18).					
108						
109	Costs increase from 2007 to 2008 mainly due to inflation.					
110						
111	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**

Line No.	Description	Actual 2005	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
112	<u>87700 - Transformer Repair and Replacement</u>	4	20	34	28	30
113						
114	Costs increase from 2005 to 2006 mainly due to higher unplanned repairs to failed transformers.					
115						
116	Costs increase from 2006 to 2007 mainly due to higher unplanned repairs to failed transformers.					
117						
118	Costs decrease from 2007 to 2008 mainly due to normalization in allowance for unplanned repairs to failed transformers.					
119						
120	<u>87800 - Street Light Maintenance</u>	139	148	186	226	241
121						
122	Costs increase from 2006 to 2007 mainly due to increases in number of lights and age of street light infrastructure					
123	as well as maintenance for new types of lights such as waterfront decorative lighting (\$31), and increase in fringe benefits (\$7).					
124	For an explanation of the fringe increase please refer to Account 64000.					
125						
126	Costs increase from 2007 to 2008 mainly due to annual labour inflation as increased maintenance requirements (\$19),					
127	new attraction and retention pay (\$9), non-labour inflation (\$8), and fringe benefits (\$4).					
128						
129	General					
130						
131	<u>88900 - Maintenance Warehouse and Office</u>	109	97	110	118	125
132						
133	Costs decrease from 2005 to 2006 mainly due to less HVAC and house repairs.					
134						
135	Costs increase from 2006 to 2007 mainly due to heating fuel cost inflation.					
136						
137	Costs increase from 2007 to 2008 mainly due to heating fuel cost inflation (\$5) and labour inflation (\$3).					
138						
139	Public Information					
140						
141	<u>70100 - Public Information Administration</u>	109	101	64	100	106
142						
143	Costs decrease for 2006 to 2007 mainly due to decrease labour due to a vacancy in the marketing and communications					
144	manager position.					
145						
146	Costs increase from 2007 to 2008 mainly due to increased outsourcing costs for website development/maintenance and					
147	other communications costs.					
148						
149	<u>70200 - General Public Information</u>	21	54	29	28	30
150						
151	Costs increase from 2005 to 2006 due to one-time commitments for 2007 Canada Winter Games funding in 2006.					
152						
153	Costs decrease from 2006 to 2007 due to one-time commitments for 2007 Canada Winter Games funding in 2006.					
154						
155	<u>71000 - Supervision</u>	36	34	31	35	49
156						
157	Costs increase from 2008 to 2009 due to the return to normal staffing levels after billing system implementation complete (\$12)					
158	as well as labour inflation (\$2).					
159						

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

Line No.	Description	Actual 2005	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
160	Customer accounting					
161						
162	<u>71100 - Customer Applications and Service Orders</u>	337	283	335	407	450
163						
164	Costs decrease from 2005 to 2006 mainly due to labour allocation from 87300 in 2005.					
165						
166	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).					
167						
168						
169	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)					
170						
171						
172	Costs increase from 2008 to 2009 mainly due to labour inflation.					
173						
174	<u>71200 - Meter Reading</u>	373	391	464	436	471
175						
176	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).					
177						
178						
179						
180	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).					
181						
182						
183						
184	Costs increase from 2008-2009 mainly due to inflation.					
185						
186	<u>71300 - Customer Billing & Accounting</u>	441	474	513	572	646
187						
188	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.					
189						
190						
191	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.					
192						
193						
194	Costs increase from 2008 to 2009 due to full year impact of the new ATCO-CIS billing system costs.					
195						
196	<u>71400 - Revenue Collections</u>	178	167	181	162	258
197						
198	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).					
199						
200						
201						
202	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.					
203						
204						
205	Costs increase from 2008 to 2009 due to the commencement of accepting credit cards for customer payments.					
206						
207	<u>71500 - Collection of Delinquent Accounts</u>	141	121	124	142	158
208						
209	Costs increase from 2007 to 2008 due to labour inflation (\$14) and non-labour inflation (\$4).					
210						
211	Costs increase from 2008 to 2009 due to labour inflation.					
212						

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

Schedule 5.2
Page 5 of 5

Line No.	Description	Actual 2005	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
213	Administration and general					
214						
215	<u>72100 - Administrative</u>	1,101	1,149	1,176	1,331	1,399
216						
217	Costs increase from 2007 to 2008 mainly due increased head office support for phase I & II GRA filings that are forecast					
218	on a levelized basis as well as increased financial reporting requirements (\$80). The increase is also due to other inflation (\$50),					
219	and labour inflation (\$25).					
220						
221	Costs increase from 2008 to 2009 mainly due to inflation.					
222						
223	<u>72200 - Administration Corporate</u>	104	27	14	30	32
224						
225	Costs decrease from 2005 to 2006 due to one-time costs for Regulatory intervention.					
226						
227	Costs decrease from 2006 to 2007 due to a decrease in regulatory costs and costs awards credited in 2007 from					
228	previous year.					
229						
230	Cost increase from 2007 to 2008 is mainly due to the absence of any credits for regulatory cost awards from YUB.					
231						
232	<u>72300 - Insurance</u>	202	194	190	231	244
233						
234	Cost increase from 2007 to 2008 mainly due to an updated Comprehensive General Liability (CGL) corporate allocation methodology.					
235						
236	<u>72500 - Employee Expenses</u>	176	208	229	222	312
237						
238	Costs increase from 2006 to 2007 mainly due to labour from employee illness.					
239						
240	Costs increase from 2008 to 2009 mainly due to employee northern travel benefits increasing for attraction and retention.					
241						
242	<u>72600 - Training and Safety</u>	174	247	297	449	484
243						
244	Costs increase from 2005 to 2006 mainly due to an increase in labour costs allocated to training.					
245						
246	Costs increased from 2006 to 2007 mainly due an increase in fringe benefits (\$25). For an explanation of this fringe increase					
247	please refer to Account 64000. This increase is also due to labour from increased apprenticeship training (\$13),					
248	and increased other costs for driver training and other programs (\$12).					
249						
250	Costs increase from 2007 to 2008 mainly due to increased labour for HS&E management position and other staff					
251	labour (\$102), other dollar escalations for safety and training programs (\$30), and fringe benefits (\$20).					
252	New training initiatives include: continuation of apprenticeship training for two apprentices; new core certification compliance					
253	training (per revised Government occupational health and safety Act); new national transport safety compliance training;					
254	management of environmental affairs with increased rigor around environmental policy issues; journeyman					
255	certification refresher training; transportation of dangerous goods by air; WHIMS; and advanced driver training.					
256						
257	<u>72700 - Relocation</u>	311	190	93	182	77
258						
259	Costs decrease from 2005 to 2006 due to less one-time moving and relocation expenses for employees.					
260						
261	Costs decrease from 2006 to 2007 mainly due to lower costs due to unfilled vacancies.					
262						
263	Costs increase from 2007 to 2008 mainly due to higher costs because of out of Yukon hires requiring moving					
264	and relocation expenses.					
265						
266	Costs decrease from 2008 to 2009 due to lower staff turnover anticipated.					
267						
268	<u>72900 - Audit/Legal Fees & Special Studies</u>	62	106	88	95	100
269						
270	Costs increase from 2005 to 2006 mainly due to employee association bargaining costs and other one-time costs.					
271						
272	Costs decrease from 2006 to 2007 mainly due to decreased legal costs in 2006.					
273						
274	Costs increase from 2007 to 2008 mainly due to an increase in audit fees.					

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

Schedule 5.3

Line No.	O&M Category	Affiliate Company	Services Provided	Cross Ref.	Actual 2003	Actual 2004	Actual 2005	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		41	34	37	37	32	40	42
3											
4	72100 - Administrative	ATCO Electric	After Hours Answering					-	28	26	26
5	71200 - Meter Reading	ATCO Gas	Meter Services		41	41	34	34	37	39	41
6											
7	72100 - Administrative Expenses	ATCO Gas	Office Services		5	11	7	8	14	15	16
8											
9	72100 - Administrative Expenses	ATCO I-Tek	Information Technology	Note 1	228	270	306	311	331	353	370
10											
11	71300 - Customer Billing and Accounting	ATCO I-Tek Business Services	Billing System Services	Note 1	310	322	339	354	366	434	484
12											
13											
14	<u>Details of Head Office Costs</u>										
15	72100 - Administrative Expenses	ATCO Electric	Governance		16	15	22	22	22	24	25
16	72100 - Administrative Expenses		Human Resources		58	59	67	67	67	87	90
17	72100 - Administrative Expenses		Health and Safety		22	25	18	18	19	-	-
18	72100 - Administrative Expenses		Regulatory Phase II					-	-	12	3
19	72100 - Administrative Expenses		Financial Reporting and Regulatory Phase I		30	32	25	25	26	87	73
20	72100 - Administrative Expenses		Payroll		7	7	7	7	6	9	10
21	72100 - Administrative Expenses		Use of Systems		71	56	12	10	8	5	6
22	72100 - Administrative Expenses		information Technology		3	3	3	3	3	2	3
23			Total Head Office Fees		<u>207</u>	<u>197</u>	<u>154</u>	<u>152</u>	<u>151</u>	<u>226</u>	<u>210</u>
24											
25											
26											
27	72100 - Administrative Expenses	ATCO Electric	Material Management		10	10	10	12	9	-	-
28											
29											
30											
31											
32	Total Affiliate Costs included in Operations and Maintenance				<u>842</u>	<u>885</u>	<u>887</u>	<u>908</u>	<u>968</u>	<u>1,133</u>	<u>1,189</u>

33 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 Depreciation Expense**

Schedule 7.1

Line No.	Description	Cross Ref.	Actual 2005	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	General Provision	S. 7.2, 7.3 L.50	3,836	4,062	4,335	4,580	5,052
2	Amortization of Differences	S.7.4 L. 50	(83)	(140)	(140)	(191)	(191)
3	Vehicle Depreciation Capitalized		<u>(26)</u>	<u>(21)</u>	<u>(24)</u>	<u>(24)</u>	<u>(24)</u>
4	Total Depreciation Expense	S.8.6 L.11	<u><u>3,727</u></u>	<u><u>3,901</u></u>	<u><u>4,171</u></u>	<u><u>4,365</u></u>	<u><u>4,837</u></u>

**Yukon Electrical Company Limited
2008 - 2009 General Rate Application
Calculation of Depreciation Expense 2008**

Schedule 7.2

Line No.	Acct.	Description	Cross Ref.	2008 Opening PPE	Depreciation Rate	Depreciation on Opening Balance	Capital Additions	Depreciation on Capital Additions	2008 Total Depreciation
1		Production - Hydro							
2									-
3	422 00	Hydro Structures		259	3.70%	10	449	8	18
4	423 00	Hydro Resv, Dams & Waterways		757	3.70%	28	-	-	28
5	425 00	Hydro Generators		273	3.70%	10	-	-	10
6	426 00	Hydro Accessory Electrical Equip		105	3.70%	4	-	-	4
7	427 00	Hydro Misc Equip		24	3.70%	1	-	-	1
8		Total Production - Hydro		1,418		53	449	8	61
9									
10		Production - Diesel							
11	442 00	Structures and improvement - Other		1,498	2.74%	41	-	-	41
12	444 00	Fuel Holders, Proucers, & Acc. Equipment - Other		2,137	3.90%	83	87	2	85
13	445 00	Generating Equipment & Prime Mover - Other		8,444	4.06%	343	347	7	350
14	446 00	Accessory Electric Equipment - Other		2,142	3.00%	64	91	1	65
15	447 00	Misc. Power Plant Equipment - Other		643	3.31%	21	27	-	21
16		Total Production - Diesel		14,864		552	552	10	562
17									
18		Transmission							
19	457 00	Substation Equipment		1,401	2.55%	36	-	-	36
20		Total Transmission		1,401		36	-	-	36
21									
22		Distribution Plant							
23	471 00	Land Rights		929	1.52%	14	-	-	14
24	473 00	Poles, Towers & Fixtures		22,740	4.27%	971	1,689	36	1,007
25	474 00	Overhead Conductor		15,092	4.57%	690	1,186	27	717
26	474 10	Services - Overhead		2,306	2.62%	60	183	2	62
27	475 00	Underground Conductor		17,426	2.22%	387	1,385	15	402
28	475 10	Services - Underground		2,547	2.63%	67	202	3	70
29	476 10	Meters		1,263	9.00%	114	(82)	-	114
30	476 30	AMR - Meters		8	4.54%	-	330	7	7
31	477 10	Substation Equipment		3,132	2.92%	91	-	-	91
32	478 10	Street Lighting		7,699	4.54%	350	498	11	361
33	478 20	Sentinel Lights		285	3.03%	9	-	-	9
34	479 10	Line Transformers		17,596	3.19%	561	1,311	21	582
35		Total Distribution Plant		91,023		3,314	6,702	122	3,436
36									
37		General Plant							
38	482 00	Structures & Improvements		3,184	3.03%	96	199	3	99
39	483 00	Office Furniture & Equipment		220	4.49%	10	(25)	-	10
40	483.20	Computer Equipment		37	20.00%	7	0	-	7
41	484 00	Transportation & Mobile Equipment		2,207	8.66%	191	147	6	197
42	485 00	Tool & Work Equipment		501	6.54%	33	(9)	-	33
43	486 00	Communication Structures & Equipment		491	5.79%	28	102	3	31
44	488 20	Company Housing		388	2.47%	10	19	-	10
45	491 00	Franchise & Consent		1	0.00%	-	-	-	-
46	496 xx	New ATCO-CIS		-	10.00%	-	1,488	74	74
47	496 05	Oracle Financials		235	10.00%	24	-	-	24
48		Total General Plant		7,266		399	1,921	86	485
49									
50		Plant Studied		115,972		4,354	9,624	226	4,580
51		Plant Not Studied - Land		479					
52		Total Plant	S.8.6 L.6	116,451					

**Yukon Electrical Company Limited
2008 - 2009 General Rate Application
Calculation of Depreciation Expense 2009**

Schedule 7.3

Line No.	Acct.	Description	Cross Ref.	2009 Opening PPE	Depreciation Rate	Depreciation on Opening Balance	Capital Additions	Depreciation on Capital Additions	2009 Total Depreciation
1		Production - Hydro							
2									
3	422 00	Hydro Structures		259	3.70%	10	-	-	10
4	423 00	Hydro Resv, Dams & Waterways		1,206	3.70%	45	687	13	58
5	425 00	Hydro Generators		273	3.70%	10	-	-	10
6	426 00	Hydro Accessory Electrical Equip		105	3.70%	4	-	-	4
7	427 00	Hydro Misc Equip		24	3.70%	1	-	-	1
8		Total Production - Hydro		1,867		70	687	13	83
9									
10		Production - Diesel							
11	442 00	Structures and improvement - Other		1,498	2.74%	41	-	-	41
12	444 00	Fuel Holders, Proucers, & Acc. Equipment - Other		2,223	3.90%	87	386	8	95
13	445 00	Generating Equipment & Prime Mover - Other		8,792	4.06%	357	1,530	31	388
14	446 00	Accessory Electric Equipment - Other		2,232	3.00%	67	390	6	73
15	447 00	Misc. Power Plant Equipment - Other		670	3.31%	22	117	2	24
16		Total Production - Diesel		15,416		574	2,424	47	621
17									
18		Transmission							
19	457 00	Substation Equipment		1,401	2.55%	36	-	-	36
20		Total Transmission		1,401		36	-	-	36
21									
22		Distribution Plant							
23	471 00	Land Rights		929	1.52%	14	-	-	14
24	473 00	Poles, Towers & Fixtures		24,430	4.27%	1,043	1,612	34	1,077
25	474 00	Overhead Conductor		16,278	4.57%	744	1,065	24	768
26	474 10	Services - Overhead		2,489	2.62%	65	165	2	67
27	475 00	Underground Conductor		18,811	2.22%	418	1,246	14	432
28	475 10	Services - Underground		2,749	2.63%	72	182	2	74
29	476 10	Meters		1,181	9.00%	106	(341)	-	106
30	476 30	AMR - Meters		338	4.54%	15	2,720	62	77
31	477 10	Substation Equipment		3,132	2.92%	91	580	8	99
32	478 10	Street Lighting		8,197	4.54%	372	487	11	383
33	478 20	Sentinel Lights		285	3.03%	9	-	-	9
34	479 10	Line Transformers		18,907	3.19%	603	1,178	19	622
35		Total Distribution Plant		97,725		3,552	8,893	176	3,728
36									
37		General Plant							
38	482 00	Structures & Improvements		3,383	3.03%	103	161	2	105
39	483 00	Office Furniture & Equipment		194	4.49%	9	(28)	-	9
40	483.20	Computer Equipment		38	20.00%	8	(1)	-	8
41	484 00	Transportation & Mobile Equipment		2,354	8.66%	204	172	7	211
42	485 00	Tool & Work Equipment		492	6.54%	32	(2)	-	32
43	486 00	Communication Structures & Equipment		593	5.79%	34	54	2	36
44	488 20	Company Housing		407	2.47%	10	19	-	10
45	491 00	Franchise & Consent		1	0.00%	-	-	-	-
46	496 xx	New ATCO-CIS		1,488	10.00%	149	-	-	149
47	496 05	Oracle Financials		235	10.00%	24	-	-	24
48		Total General Plant		9,187		573	375	11	584
49									
50		Plant Studied		125,597		4,805	12,379	247	5,052
51		Plant Not Studied -Land		479					
52		Total Plant	S.8.6 L.6	126,076					

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

Schedule 7.4

Line No.	Acct.	Description	Cross Ref.	YFR/ Curve	Life	Net Salvage	Depn. Rates	Actual 2005	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)	(11)	(17)	(17)
4	423 00	Hydro Resv, Dams & Waterways		R3	30	-10%	3.70%	-	-	-	-	-
5	425 00	Hydro Generators		R3	30	-10%	3.70%	-	-	-	-	-
6	426 00	Hydro Accessory Electrical Equip		R3	30	-10%	3.70%	-	-	-	-	-
7	427 00	Hydro Misc Equip		R3	30	-10%	3.70%	-	-	-	-	-
8		Total Production - Hydro						(11)	(11)	(11)	(17)	(17)
9												
10		Production - Diesel										
11	442 00	Structures and improvement - Other		R2.5	40	0%	2.74%	-	-	-	(2)	(2)
12	444 00	Fuel Holders, Proucers, & Acc. Equipment - Other		R4	35	-30%	3.90%	(2)	(1)	(1)	(3)	(3)
13	445 00	Generating Equipment & Prime Mover - Other		R2.5	27	-10%	4.06%	(24)	(28)	(28)	(24)	(24)
14	446 00	Accessory Electric Equipment - Other		R3	35	0%	3.00%	(5)	(7)	(7)	(16)	(16)
15	447 00	Misc. Power Plant Equipment - Other		R3	35	-5%	3.31%	(1)	(1)	(1)	(2)	(2)
16		Total Production - Diesel						(32)	(37)	(37)	(47)	(47)
17												
18		Transmission										
19	457 00	Substation Equipment		R4	40	0%	2.55%	(2)	(2)	(2)	(4)	(4)
20		Total Transmission						(2)	(2)	(2)	(4)	(4)
21												
22		Distribution Plant										
23	471 00	Land Rights		R3	75	0%	1.52%	-	(0)	(0)	-	-
24	473 00	Poles, Towers & Fixtures		R3	40	-60%	4.27%	7	3	3	(47)	(47)
25	474 00	Overhead Conductor		R3	40	-70%	4.57%	(7)	(8)	(8)	19	19
26	474 10	Services - Overhead		R3	40	0%	2.62%	(4)	(5)	(5)	(10)	(10)
27	475 00	Underground Conductor		R4	50	-5%	2.22%	(5)	(5)	(5)	1	1
28	475 10	Services - Underground		R4	40	0%	2.63%	0	-	-	(6)	(6)
29	476 10	Meters		n/a	0	0%	9.00%	24	24	24	-	-
30	476 30	AMR - Meters		S2	25	0%	4.54%					
31	477 10	Substation Equipment		R3	35	0%	2.92%	(9)	(5)	(5)	-	-
32	478 10	Street Lighting		R3	25	-10%	4.54%	3	(15)	(15)	(25)	(25)
33	478 20	Sentinel Lights		R2	23	10%	3.03%	(8)	(11)	(11)	-	-
34	479 10	Line Transformers		R3	35	-5%	3.19%	(21)	(25)	(25)	(69)	(69)
35		Total Distribution Plant						(20)	(47)	(47)	(137)	(137)
36												
37		General Plant										
38	482 00	Structures & Improvements		R4	32	5%	3.03%	(2)	(3)	(3)	3	3
39	483 00	Office Furniture & Equipment		SQ	15	0%	4.49%	2	-	-	3	3
40	483.20	Computer Hardware/Software		SQ	5	0%	20.00%	2	(14)	(14)	-	-
41	484 00	Transportation & Mobile Equipment		R0.5	10	20%	8.66%	(27)	(33)	(33)	-	-
42	485 00	Tool & Work Equipment		SQ	15	0%	6.54%	6	6	6	(3)	(3)
43	486 00	Communication Structures & Equipment		SQ	15	0%	5.79%	1	1	1	11	11
44	488 20	Company Housing		R3	40	10%	2.47%					
45	491 00	Franchise & Consent					0.00%	-	-	-	-	-
46	496 xx	New ATCO-CIS					10.00%					
47	496 05	Oracle Financials		S3	10	0%	10.00%	-	-	-	-	-
48		Total General Plant						(18)	(43)	(43)	14	14
49												
50		Total Amortization of Differences	S. 7.1 L 2					<u>(83)</u>	<u>(140)</u>	<u>(140)</u>	<u>(191)</u>	<u>(191)</u>

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

Line No.	Description	Cross Ref.	Mid Year Balance	Ratio	Mid Year Rate Base	Mid Year Cost Rate	Return
1	<u>2003 Actuals</u>						
2	Long-term debt	S.8.2 L.16	19,600	55.88%	19,922	7.51%	1,497
3	Common stock		15,032	42.86%	15,279	11.02%	1,683
4	No Cost Capital	S.8.4 L.8	<u>443</u>	<u>1.26%</u>	<u>450</u>	<u>0.00%</u>	<u>-</u>
5	Total	S.8.5 L.21 S.1.1 L.15	<u>35,075</u>	<u>100%</u>	<u>35,652</u>	<u>8.92%</u>	<u>3,180</u>
6	<u>2004 Actuals</u>						
7	Long-term debt	S.8.2 L.19	20,100	56.23%	20,452	7.37%	1,508
8	Common stock		15,253	42.67%	15,520	10.81%	1,678
9	No Cost Capital	S.8.4 L.8	<u>392</u>	<u>1.10%</u>	<u>399</u>	<u>0.00%</u>	<u>-</u>
10	Total	S.8.5 L.21 S.1.1 L.15	<u>35,745</u>	<u>100%</u>	<u>36,372</u>	<u>8.76%</u>	<u>3,186</u>
11	<u>2005 Actual</u>						
12	Long-term debt	S.8.2 L.37	21,000	56.28%	21,554	7.54%	1,626
13	Common stock		15,905	42.63%	16,324	8.99%	1,467
14	No Cost Capital	S.8.4 L.8	<u>406</u>	<u>1.09%</u>	<u>417</u>	<u>0.00%</u>	<u>-</u>
15	Total	S.8.5 L.21 S.1.1 L.15	<u>37,311</u>	<u>100%</u>	<u>38,295</u>	<u>8.08%</u>	<u>3,093</u>
16	<u>2006 Actuals</u>						
17	Long-term debt	S.8.2 L.55	22,475	57.18%	23,430	7.14%	1,674
18	Common stock		16,280	41.42%	16,972	10.66%	1,810
19	No Cost Capital	S.8.4 L.8	<u>549</u>	<u>1.40%</u>	<u>572</u>	<u>0.00%</u>	<u>-</u>
20	Total	S.8.5 L.21 S.1.1 L.15	<u>39,304</u>	<u>100%</u>	<u>40,973</u>	<u>8.50%</u>	<u>3,484</u>

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

Line No.	Description	Cross Ref.	Mid Year Balance	Ratio	Mid Year Rate Base	Mid Year Cost Rate	Return
21	<u>2007 Actual</u>						
22	Long-term debt	S.8.3 L.19	23,800	57.60%	25,117	7.03%	1,766
23	Common stock		16,890	40.87%	17,825	10.37%	1,848
24	No Cost Capital	S.8.4 L.8	<u>632</u>	<u>1.53%</u>	<u>666</u>	<u>0.00%</u>	<u>-</u>
25	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>
26	<u>2008 Test Period</u>						
27	Long-term debt	S.8.3 L.38	24,575	54.23%	24,838	7.01%	1,741
28	Common stock		20,071	44.29%	20,286	9.25%	1,877
29	No Cost Capital	S.8.4 L.8	<u>669</u>	<u>1.48%</u>	<u>676</u>	<u>0.00%</u>	<u>-</u>
30	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>
31	<u>2009 Test Period</u>						
32	Long-term debt	S.8.2 L.111	26,950	51.81%	26,498	6.83%	1,810
33	Common stock		24,376	46.86%	23,967	9.25%	2,216
34	No Cost Capital	S.8.4 L.8	<u>695</u>	<u>1.34%</u>	<u>683</u>	<u>0.00%</u>	<u>-</u>
35	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)

Line						<u>Net Capital Employed</u>					Average Embedded Cost Rate	
						Principal Amount	Per \$100 of Principal Amount	Effective Cost Rate *	Principal Outstanding 31-Dec-03	Carrying Cost		
	<u>Description</u>	<u>Series</u>	<u>Issue Date</u>	<u>Coupon Rate</u>	<u>Maturity Date</u>	<u>Principal Amount Offered</u>	<u>Total Amount</u>	<u>Principal Amount</u>	<u>Effective Cost Rate *</u>	<u>Principal Outstanding 31-Dec-03</u>	<u>Carrying Cost</u>	
1	<u>2003 Actuals</u>											
2												
3												
4												
5		C	11-30-1989	10.28%	2009	2,000	2,000	100.00	10.33%	2,000	207	
6		D	11-28-1990	11.85%	2020	1,500	1,500	100.00	11.91%	1,500	179	
7		E	05-08-1992	9.46%	2023	2,500	2,500	100.00	9.51%	2,500	238	
8		G	06-01-1995	8.51%	2005	4,000	4,000	100.00	8.56%	4,000	342	
9		K	08-13-1999	6.80%	2019	4,500	4,500	100.00	6.85%	4,500	308	
10		L	06-02-2000	7.00%	2008	600	600	100.00	7.05%	600	42	
11		M	11-06-2001	4.90%	2006	350	350	100.00	4.95%	350	17	
12		N	11-22-2002	6.16%	2017	3,900	3,900	100.00	6.21%	3,900	242	
13	Total					19,350				19,350	1,333	6.89%
14	Prior Year									19,850	1,612	8.12%
15	Total									39,200	2,945	
16	Mid Year									19,600	1,473	7.51%
17	<u>2004 Actuals</u>											
18												
19												
20												
21		C	11-30-1989	10.28%	2009	2,000	2,000	100.00	10.33%	2,000	207	
22		D	11-28-1990	11.85%	2020	1,500	1,500	100.00	11.91%	1,500	179	
23		E	05-08-1992	9.46%	2023	2,500	2,500	100.00	9.51%	2,500	238	
24		G	06-01-1995	8.51%	2005	4,000	4,000	100.00	8.56%	4,000	342	
25		K	08-13-1999	6.80%	2019	4,500	4,500	100.00	6.85%	4,500	308	
26		L	06-02-2000	7.00%	2008	600	600	100.00	7.05%	600	42	
27		M	11-06-2001	4.90%	2006	350	350	100.00	4.95%	350	17	
28		N	11-22-2002	6.16%	2017	3,900	3,900	100.00	6.21%	3,900	242	
13		O	01-23-2004	5.42%	2019	1,000	1,000	100.00	5.47%	1,000	55	
14		P	11-18-2004	5.11%	2014	500	500	100.00	5.16%	500	26	
16	Total					20,850				20,850	1,630	7.82%
17	Prior Year									19,350	1,333	6.89%
18	Total									40,200	2,963	
19	Mid Year									20,100	1,482	7.37%

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

Line

No.

2005 Actuals						Net Capital Employed						
						Principal	Per \$100 of		Principal	Average		
						Amount	Total	Principal	Effective	Outstanding	Carrying	Embedded
Description	Series	Issue Date	Coupon Rate	Maturity Date	Amount Offered	Amount	Amount	Cost Rate *	31-Dec-05	Cost	Cost Rate	
24	C	11-30-1989	10.28%	2009	2,000	2,000	100.00	10.33%	2,000	207		
25	D	11-28-1990	11.85%	2020	1,500	1,500	100.00	11.91%	1,500	179		
26	E	05-08-1992	9.46%	2023	2,500	2,500	100.00	9.51%	2,500	238		
27	K	08-13-1999	6.80%	2019	4,500	4,500	100.00	6.85%	4,500	308		
28	L	06-02-2000	7.00%	2008	600	600	100.00	7.05%	600	42		
29	M	11-06-2001	4.90%	2006	350	350	100.00	4.95%	350	17		
30	N	11-22-2002	6.16%	2017	3,900	3,900	100.00	6.21%	3,900	242		
31	O	01-23-2004	5.42%	2019	1,000	1,000	100.00	5.47%	1,000	55		
32	P	11-18-2004	5.11%	2014	500	500	100.00	5.16%	500	26		
33	Q	11-21-2005	5.18%	2035	4,300	4,300	100.00	5.23%	4,300	225		
34	Total					21,150			21,150	1,538	7.27%	
35	Prior Year								20,850	1,630	7.82%	
36	Total								42,000	3,169		
37	Mid Year								21,000	1,584	7.54%	

38 **2006 Actuals**

2006 Actuals						Net Capital Employed						
						Principal	Per \$100 of		Principal	Average		
						Amount	Total	Principal	Effective	Outstanding	Carrying	Embedded
Description	Series	Issue Date	Coupon Rate	Maturity Date	Amount Offered	Amount	Amount	Cost Rate *	31-Dec-06	Cost	Cost Rate	
42	C	11-30-1989	10.28%	2009	2,000	2,000	100.00	10.33%	2,000	207		
43	D	11-28-1990	11.85%	2020	1,500	1,500	100.00	11.91%	1,500	179		
44	E	05-08-1992	9.46%	2023	2,500	2,500	100.00	9.51%	2,500	238		
45	K	08-13-1999	6.80%	2019	4,500	4,500	100.00	6.85%	4,500	308		
46	L	06-02-2000	7.00%	2008	600	600	100.00	7.05%	600	42		
47	N	11-22-2002	6.16%	2017	3,900	3,900	100.00	6.21%	3,900	242		
48	O	01-23-2004	5.42%	2019	1,000	1,000	100.00	5.47%	1,000	55		
49	P	11-18-2004	5.11%	2014	500	500	100.00	5.16%	500	26		
50	Q	11-21-2005	5.18%	2035	4,300	4,300	100.00	5.23%	4,300	225		
51	R	11-20-2006	5.02%	2036	3,000	3,000	100.00	5.07%	3,000	152		
52	Total					23,800			23,800	1,673	7.03%	
53	Prior Year								21,150	1,538	7.27%	
54	Total								44,950	3,211		
55	Mid Year								22,475	1,606	7.14%	

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

Line No.							<u>Net Capital Employed</u>						
					Principal Amount	Total Amount	Per \$100 of Principal Amount	Effective Cost Rate *	Principal Outstanding 31-Dec-07	Carrying Cost	Average Embedded Cost Rate		
56	<u>2007 Actual</u>		Issue Date	Coupon Rate	Maturity Date	Offered							
57													
58													
59		<u>Description</u>	<u>Series</u>	<u>Issue Date</u>	<u>Coupon Rate</u>	<u>Maturity Date</u>	<u>Offered</u>	<u>Total Amount</u>	<u>Per \$100 of Principal Amount</u>	<u>Effective Cost Rate *</u>	<u>Principal Outstanding 31-Dec-07</u>	<u>Carrying Cost</u>	<u>Average Embedded Cost Rate</u>
60			C	11-30-1989	10.28%	2009	2,000	2,000	100.00	10.33%	2,000	207	
61			D	11-28-1990	11.85%	2020	1,500	1,500	100.00	11.91%	1,500	179	
62			E	05-08-1992	9.46%	2023	2,500	2,500	100.00	9.51%	2,500	238	
63			K	08-13-1999	6.80%	2019	4,500	4,500	100.00	6.85%	4,500	308	
64			L	06-02-2000	7.00%	2008	600	600	100.00	7.05%	600	42	
65			N	11-22-2002	6.16%	2017	3,900	3,900	100.00	6.21%	3,900	242	
66			O	01-23-2004	5.42%	2019	1,000	1,000	100.00	5.47%	1,000	55	
67			P	11-18-2004	5.11%	2014	500	500	100.00	5.16%	500	26	
68			Q	11-21-2005	5.18%	2035	4,300	4,300	100.00	5.23%	4,300	225	
69			R	11-20-2006	5.02%	2036	3,000	3,000	100.00	5.07%	3,000	152	
70		Total				23,800					23,800	1,673	7.03%
71		Prior Year									23,800	1,673	7.03%
72		Total									47,600	3,346	
73		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)

Line No.						<u>Net Capital Employed</u>					Average Embedded Cost Rate	
	Description	Series	Issue Date	Coupon Rate	Maturity Date	Principal Amount Offered	Total Amount	Per \$100 of Principal Amount	Effective Cost Rate *	Principal Outstanding 31-Dec-08		Carrying Cost
1	2008 Test Period											
2												
3												
4												
5		C	11-30-1989	10.28%	2009	2,000	2,000	100.00	10.33%	2,000	207	
6		D	11-28-1990	11.85%	2020	1,500	1,500	100.00	11.91%	1,500	179	
7		E	05-08-1992	9.46%	2023	2,500	2,500	100.00	9.51%	2,500	238	
8		K	08-13-1999	6.80%	2019	4,500	4,500	100.00	6.85%	4,500	308	
9		L	06-02-2000	7.00%	2008	0	0		7.05%	0	0	
10		N	11-22-2002	6.16%	2017	3,900	3,900	100.00	6.21%	3,900	242	
11		O	01-23-2004	5.42%	2019	1,000	1,000	100.00	5.47%	1,000	55	
12		P	11-18-2004	5.11%	2014	500	500	100.00	5.16%	500	26	
13		Q	11-21-2005	5.18%	2035	4,300	4,300	100.00	5.23%	4,300	225	
14		R	11-20-2006	5.02%	2036	3,000	3,000	100.00	5.07%	3,000	152	
15		T	11-20-2008	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%

Line No.						<u>Net Capital Employed</u>					Average Embedded Cost Rate	
	Description	Series	Issue Date	Coupon Rate	Maturity Date	Principal Amount Offered	Total Amount	Per \$100 of Principal Amount	Effective Cost Rate *	Principal Outstanding 31-Dec-09		Carrying Cost
20	2009 Test Period											
21												
22												
23												
24		D	11-28-1990	11.85%	2020	1,500	1,500	100.00	11.91%	1,500	179	
25		E	05-08-1992	9.46%	2023	2,500	2,500	100.00	9.51%	2,500	238	
26		K	08-13-1999	6.80%	2019	4,500	4,500	100.00	6.85%	4,500	308	
27		L	06-02-2000	7.00%	2008	0	0		7.05%	0	0	
28		N	11-22-2002	6.16%	2017	3,900	3,900	100.00	6.21%	3,900	242	
29		O	01-23-2004	5.42%	2019	1,000	1,000	100.00	5.47%	1,000	55	
30		P	11-18-2004	5.11%	2014	500	500	100.00	5.16%	500	26	
31		Q	11-21-2005	5.18%	2035	4,300	4,300	100.00	5.23%	4,300	225	
32		R	11-20-2006	5.02%	2036	3,000	3,000	100.00	5.07%	3,000	152	
33		T	11-20-2008	6.55%	2038	2,150	2,150	100.00	6.60%	2,150	142	
34		U	11-20-2009	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
Computation of Rate Base
(\$000s)**

Schedule 8.5

Line No.	Description	Cross Ref.	Actual 2003	Actual 2004	Actual 2005	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	Property, Plant and Equipment								
2	Year end balance	S.8.6 L.8	91,872	97,216	103,029	110,103	117,486	126,696	139,035
3	Deduct:								
4	Accumulated depreciation	S.8.6 L.14	40,001	43,126	46,441	49,959	53,768	57,693	61,314
5	Construction-in-progress	S.9.1 L.26	609	934	427	871	1,035	620	580
6	Total deductions		<u>40,610</u>	<u>44,060</u>	<u>46,868</u>	<u>50,830</u>	<u>54,803</u>	<u>58,313</u>	<u>61,894</u>
7	Net plant in Service								
8	Current year-end balance		51,262	53,156	56,161	59,273	62,683	68,382	77,140
9	Previous year-end balance		49,709	51,262	53,156	56,161	59,273	62,683	68,382
10	Total		<u>100,971</u>	<u>104,418</u>	<u>109,317</u>	<u>115,434</u>	<u>121,956</u>	<u>131,066</u>	<u>145,522</u>
11	Mid-year balance		50,486	52,209	54,659	57,717	60,978	65,533	72,761
12	Mid-year rate deferred charges/credits	S.8.8 L.13	(316)	(391)	(214)	0	309	757	570
13	Working capital	S.8.9 L.29	<u>3,025</u>	<u>3,127</u>	<u>3,240</u>	<u>3,683</u>	<u>4,078</u>	<u>2,805</u>	<u>2,650</u>
14	Gross Rate Base		53,196	54,946	57,685	61,400	65,365	69,095	75,981
15	Deduct:								
16	Contributions for extensions								
17	Current year-end balance	S.8.11 L.11	18,205	18,943	19,836	21,017	22,496	24,093	25,571
18	Previous year-end balance		16,882	18,205	18,943	19,837	21,017	22,496	24,093
19	Total		<u>35,087</u>	<u>37,148</u>	<u>38,779</u>	<u>40,854</u>	<u>43,513</u>	<u>46,589</u>	<u>49,664</u>
20	Mid-year balance		<u>17,544</u>	<u>18,574</u>	<u>19,390</u>	<u>20,427</u>	<u>21,757</u>	<u>23,295</u>	<u>24,832</u>
21	Net Rate Base	S.8.1 L.5,10,15,20	<u>35,652</u>	<u>36,372</u>	<u>38,295</u>	<u>40,973</u>	<u>43,608</u>	<u>45,800</u>	<u>51,149</u>

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

Schedule 8.6

Line No.	Description	Cross Ref.	Actual 2003	Actual 2004	Actual 2005	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	Property, Plant and Equipment								
2	Balance at beginning of year		87,141	91,263	96,282	102,602	109,232	116,451	126,076
3	Additions	S.9.1 L.25	4,603	5,358	6,623	6,872	7,645	9,975	13,544
4	Retirement and disposals	S.8.7 L.20	(481)	(339)	(303)	(242)	(426)	(351)	(1,165)
5		S.7.2, 7.3 L.50	4,122	5,019	6,320	6,630	7,219	9,624	12,379
6	Balance at end of year	S.7.2, 7.3 L.52	91,263	96,282	102,602	109,232	116,451	126,076	138,455
7	Construction-in-progress	S.9.1 L.26	609	934	427	871	1,035	620	580
8	Total Property, Plant and Equipment	S.8.5 L.2	91,872	97,216	103,029	110,103	117,486	126,696	139,035
9	Accumulated Depreciation								
10	Balance at beginning of year		37,432	40,001	43,126	46,441	49,959	53,768	57,693
11	Depreciation expense	S.7.1 L.4	3,355	3,481	3,727	3,901	4,171	4,365	4,837
12	Depreciation capitalized		20	18	26	21	24	24	24
13	Retirements and dismantling		(806)	(374)	(438)	(404)	(386)	(464)	(1,240)
14	Balance at end of year	S.8.5 L.4	40,001	43,126	46,441	49,959	53,768	57,693	61,314
15	Net Property, Plant and Equipment		51,871	54,090	56,588	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

Line No.	Description	Cross Ref.	Actual 2005	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	Generation						
2	Other retirements less than \$20,000		-	-	(3)	(14)	(14)
3	Total Generation Retirements		-	-	(3)	(14)	(14)
4							
5							
6	Distribution						
7	Poles, Towers & Fixtures		(76)	(66)	(11)	(68)	(68)
8	Line transformers		(15)	(18)	(3)	(18)	(18)
9	Meters		(101)	(49)	(15)	(82)	(896)
10	Other retirements less than \$20,000		(5)	(7)	(4)	(8)	(8)
11	Total Distribution Retirements		(197)	(140)	(33)	(176)	(990)
12							
13	General Plant						
14	Office Furniture & Equipment		(45)	(42)	(39)	(44)	(44)
15	Vehicles			-	(289)	(57)	(57)
16	Tool & Work Equipment		(61)	(59)	(61)	(59)	(59)
17	Other retirements less than \$20,000			(1)	(2)	(1)	(1)
18	Total General Plant Retirements		(106)	(102)	(390)	(161)	(161)
19							
20	Total Capital Retirements	S.8.6 L.4	(303)	(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 2005	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	Total Deferred Charges & Credits Summary						
2							
3	<u>Write-off Summary</u>						
4	Rate Case Costs		-	-	-	(375)	(375)
5	Diesel Plant Major Overhaul Costs		-	-	(108)	(123)	(123)
6	Fish Lake License Renewal Costs		-	-	(79)	(154)	(154)
7	Total Write-off	S.1.1 L.14	<u>-</u>	<u>-</u>	<u>(187)</u>	<u>(652)</u>	<u>(652)</u>
8							
9	<u>Deferred Credits Mid-Year Balance Summary</u>						
10	Rate Case Reserve		(214)	-	15	203	188
11	Diesel Plant Major Overhaul Costs		-	-	215	399	306
12	Fish Lake Licence Reserve		-	-	79	156	77
13	Total Deferred Credits Mid-Year Balance	S.8.5 L.12	<u>(214)</u>	<u>-</u>	<u>309</u>	<u>757</u>	<u>570</u>
14							
15	<u>Rate Case Costs</u>						
16	Balance at beginning of year		(428)	-	-	30	375
17	Add: Rate Case Costs		-	-	30	720	-
18	Less: Rate Case Write-off		428	-	-	(375)	(375)
19	Balance at end of year		<u>-</u>	<u>-</u>	<u>30</u>	<u>375</u>	<u>-</u>
20							
21	Mid-Year balance	(L.16+L.19)/2	<u>(214)</u>	<u>-</u>	<u>15</u>	<u>203</u>	<u>188</u>
22							
23	<u>Diesel Plant Major Overhaul Costs</u>						
24	Balance at beginning of year		-	-	-	430	367
25	Add: Watson Lake plant overhaul costs		-	-	538	60	-
26	Less: Watson Lake plant overhaul Write-off		-	-	(108)	(123)	(123)
27	Balance at end of year		<u>-</u>	<u>-</u>	<u>430</u>	<u>367</u>	<u>244</u>
28							
29	Mid-Year balance	(L.24+L.27)/2	<u>-</u>	<u>-</u>	<u>215</u>	<u>399</u>	<u>306</u>
30							
31							
32	<u>Fish Lake License Renewal Costs</u>						
33	Balance at beginning of year		-	-	-	158	154
34	Add: Fish Lake Costs		-	-	237	150	-
35	Less: Fish Lake Write-off		-	-	(79)	(154)	(154)
36	Balance at end of year		<u>-</u>	<u>-</u>	<u>158</u>	<u>154</u>	<u>-</u>
37							
38	Mid-Year balance	(L.33+L.36)/2	<u>-</u>	<u>-</u>	<u>79</u>	<u>156</u>	<u>77</u>
39							

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

Schedule 8.9

Line No.	Description	Cross Ref.	Actual 2005	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	Operating and maintenance	S.1.1 L.9	6,755	6,969	7,290	8,758	9,317
2	Purchased Power	S.1.1 L.7	21,681	23,239	23,647	23,846	23,494
3	Diesel Fuel	S.1.1 L.8	2,014	2,026	2,054	5,715	5,299
5	Property Taxes	S.1.1 L.11	230	230	235	249	261
6	Net O&M		30,680	32,464	33,226	38,567	38,371
7	O&M Lag Days		19	19	19	5	5
8	Operating Expenses Working Capital		1,597	1,690	1,730	573	570
9	Tax installments		1,320	1,045	1,140	422	500
10	Income Tax Installment Lag Days		25	25	25	22	22
11	Tax Installments Working Capital		90	72	78	25	30
12	Income taxes receivable (payable)		(175)	11	285	0	(544)
13	Tax Receivable Lag Days		204	206	206	204	204
14	Taxes Payable Working Capital		(98)	6	161	0	(304)
15	Inventory (Three year average)		1,285	1,516	1,702	1,858	1,942
16	GST Impact on working capital	S.8.10 L.38	142	146	141	108	117
17	Return - Long Term Debt		1,626	1,674	1,766	1,741	1,810
18	Combined Long Term Debt Lag Days		(46)	(46)	(46)	(52)	(52)
19	Long Term Debt Working Capital		(207)	(213)	(224)	(248)	(258)
20	Return - 50% of Common Equity		734	905	924	939	1,108
21	Dividend Lag Days		(1)	(1)	(1)	(4)	(4)
22	Common Equity (Dividend) Working Capital		(2)	(2)	(3)	(10)	(12)
23	Return - 50% of Common Equity		734	905	924	939	1,108
24	Depreciation Lag Days		45	45	45	42	42
25	Common Equity (Retained Earnings) Working Capital		90	112	114	108	127
26	Net Depreciation		2,765	2,893	3,079	3,402	3,809
27	Depreciation Lag Days		45	45	45	42	42
28	Depreciation Working Capital		341	357	380	391	438
29	Working capital	S.8.5 L.13	3,240	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 2005	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	REVENUE:						
2	Total Operating Revenue Subject to GST	S.2.1 L.45	32,423	34,233	35,160	45,850	47,075
3	GST Rate		7.00%	6.50%	6.00%	5.00%	5.00%
4	GST Billable	(a)	2,270	2,225	2,110	2,293	2,354
5							
6	Day Factor - Revenues		45.0	45.0	45.0	41.9	41.9
7	Day Factor - Remittance Lag		56.6	56.6	56.6	56.6	56.6
8		(b)	(11.6)	(11.6)	(11.6)	(14.7)	(14.7)
9							
10	GST Impact on Working Capital Increase/(Decrease)	(a)*(b)/365	(72)	(71)	(67)	(93)	(95)
11							
12	EXPENSES:						
13	Total Utility Expenses		37,866	39,875	40,961	46,660	47,902
14	Taxes other than Income		(230)	(230)	(235)	(249)	(261)
15	Labour and Fringe		(3,227)	(3,296)	(3,826)	(4,629)	(5,072)
16	Depreciation		(3,727)	(3,901)	(4,171)	(4,365)	(4,837)
17	Amortization of contributions		962	1,008	1,092	963	1,028
18	Income Tax		(1,328)	(1,034)	(855)	(421)	(1,044)
19	Fish Lake Costs		-	-	237	150	-
20	Fish Lake Amortization		-	-	(79)	(154)	(154)
21	Plant Maintenance Reserve Costs		-	-	538	60	-
22	Plant Maintenance Reserve Amortization		-	-	(108)	(123)	(123)
23	Injuries & Damages Costs		5	(51)	(73)	(60)	(60)
24	Injuries & Damages Write-off		75	75	75	86	86
25	Rate Case Costs		-	-	30	720	-
26	Rate Case Write-off		-	-	-	(375)	(375)
27	Capital Expenditures		6,116	7,316	7,809	9,560	13,504
28	Net Costs Subject to GST		36,512	39,762	41,396	47,824	50,595
29	GST Rate		7.00%	6.50%	6.00%	5.00%	5.00%
30	GST Refundable	(c)	2,556	2,585	2,484	2,391	2,530
31							
32	Day Factor - Expense (Including Capital)		26.0	26.0	26.0	26.0	26.0
33	Day Factor - Remittance Lag		56.6	56.6	56.6	56.6	56.6
34		(d)	30.6	30.6	30.6	30.6	30.6
35							
36	GST Impact on Working Capital Increase/(Decrease)	(c)*(d)/365	214	217	208	200	212
37							
38	Net Impact of GST on Working Capital	S.8.9 L.16	142	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 2005	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	Contributions in Aid of Construction						
2	Prior Year Gross Contributions		29,590	31,445	33,634	36,205	38,765
3	Additions to property		1,855	2,189	2,571	2,560	2,506
4	Retirements		-	-	-	-	-
5	Current Year Gross Contributions		31,445	33,634	36,205	38,765	41,271
6	Accumulated Amortization						
7	Prior Year Accumulated Amortization		10,647	11,609	12,617	13,709	14,672
8	Gross Amortization	S.1 L.13	962	1,008	1,092	963	1,028
9	Retirements		-	-	-	-	-
10	Current Year Accumulated Amortization		11,609	12,617	13,709	14,672	15,700
11	Net Contributions in Aid of Construction	S.8.5 L.17	19,836	21,017	22,496	24,093	25,571

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

Schedule 9.1

Line No.	Description	Cross Ref.	Actual 2005	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	Work in progress, beginning of year		934	427	871	1,035	620
2	Generation:						
3	Generating Plants		825	638	476	1,014	3,124
4			<u>825</u>	<u>638</u>	<u>476</u>	<u>1,014</u>	<u>3,124</u>
5	Billing:						
6	New N60 Billing Systems		-	-	480	1,008	-
7			<u>-</u>	<u>-</u>	<u>480</u>	<u>1,008</u>	<u>-</u>
8	Distribution:						
9	New Extensions		1,923	2,433	3,106	3,141	2,962
10	Distribution Improvements		2,899	2,858	2,070	2,967	2,532
11	Street and Sentinel Lights		172	943	908	506	495
12	Meters		17	77	37	330	3,855
13	Transformers and Regulators		7	-	20		
14			<u>5,018</u>	<u>6,311</u>	<u>6,141</u>	<u>6,943</u>	<u>9,843</u>
15	General property and equipment:						
16	Tools, Instruments & Equipment		59	55	48	50	57
17	Office Furniture & Equipment		12	6	10	13	10
18	Office Computer Equipment		5	3	0	6	5
19	Communication Equipment		7	9	57	102	54
20	Transportation Equipment		160	158	513	205	230
21	Land and Buildings		30	136	84	219	181
22			<u>273</u>	<u>367</u>	<u>712</u>	<u>595</u>	<u>537</u>
23	Miscellaneous Other			-	-	-	-
24	Total capital expenditures		6,116	7,316	7,809	9,560	13,504
25	Less: Transfers to rate base	S.8.6 L.3	<u>(6,623)</u>	<u>(6,872)</u>	<u>(7,645)</u>	<u>(9,975)</u>	<u>(13,544)</u>
26	Work in progress, end of year	S.8.5 L.5	<u>427</u>	<u>871</u>	<u>1,035</u>	<u>620</u>	<u>580</u>

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

Schedule 10.1

Line No.	Description	Cross Ref.	Actual 2005	Actual 2006	Actual 2007	Test Period 2008	Test Period 2009
1	Utility earnings before tax		2,795	2,845	2,703	2,298	3,260
2	Add:						
3	Depreciation	S.1.1 L.12	3,727	3,901	4,171	4,365	4,837
4	Amortization of contributions	S.1.1 L.13	(962)	(1,008)	(1,092)	(963)	(1,028)
5	Non-allowable expenses		18	18	18	18	18
6	Plant Maintenance write-off	S.8.8 L.26	-	-	108	123	123
7	Rate case write-off	S.8.8 L.18	-	-	-	375	375
8	Injuries & Damages write-off	S.8.4 L.27	75	75	75	86	86
9	Fish Lake Water License write-off	S.8.8 L.35	-	-	79	154	154
10	Charges to deferred pension & OPEB	S.8.4 L.13 + L.20	126	132	623	639	689
11	Sub-total		<u>2,984</u>	<u>3,118</u>	<u>3,982</u>	<u>4,797</u>	<u>5,253</u>
12							
13	Deduct:						
14	CCA		2,056	2,259	2,518	3,528	3,960
15	Plant Maintenance Reserve Charges	S.8.8 L.25	-	-	538	60	-
16	Rate Case Expenditure	S.8.8 L.17	-	-	30	720	-
17	Injuries & Damages Costs	S.8.4 L.28	(5)	51	73	60	60
18	Fish Lake Water License Costs	S.8.8 L.34	-	-	237	150	-
19	Pension & OPEB payments	S.8.4 L.14 + L.21	38	39	576	639	689
20	Inventory Pool Costs Capitalized		-	-	-	358	376
21	Cumulative Eligible Capital Donated Land		12	12	11	10	9
22	ES&G		306	348	334	350	350
23	Sub-total		<u>2,407</u>	<u>2,709</u>	<u>4,317</u>	<u>5,875</u>	<u>5,444</u>
24							
25	Taxable income		3,372	3,254	2,368	1,220	3,070
26	Tax rate		36.00%	36.00%	36.00%	34.50%	34.00%
27	Income tax		1,214	1,171	852	421	1,044
28	Surtax		38	36	27	-	-
29	Prior & current years' book to filing (over) under provision		76	(174)	(24)	-	-
30	Total current provision	S.1.1 L.16	<u>1,328</u>	<u>1,034</u>	<u>855</u>	<u>421</u>	<u>1,044</u>

**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	Revenues		
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)	37,916
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)	40,135
9			
10	Non-Fuel Revenue Shortfall (\$ 000's)	(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) ¹	S.11.2 L.14	3,795
14	Total 2008 Retail revenues on Existing Primary Rates (\$000s)	(12)+(13)	37,471
15	2008 Rider R (%) Interim Rate Rider	(10)/(14)*100	5.924%
16			
17			
18	2008 Retail Revenues on Existing Primary Rates (\$000s)		
19	YECL - Jan to Jun		17,101
20	YEC - Jan to Jun ¹	S.11.2 L.2-7	1,864
21	Total Retail Revenues on Existing Primary Rates (\$000s)	(19)+(20)	18,964
22	Interim Rider Shortfall Revenue (\$ 000's) - Jan to Jun 2008	(21)*(15)	1,123
23			
24	Retail Revenues on Existing Primary Rates (\$000s)		
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 ¹	S.11.2 L.8-13	1,931
28	YEC 2009 Revenue (\$ 000's) - Jan to Jun ¹	S.11.2 L.15-20	1,871
29	Retail Revenues for period which shortfall revenue is to be collected	(25)+(26)+(27)+(28)	37,613
30			
31	2008 Rider G (%) Revenue Shortfall Rider	(22)/(29)*100	2.987%

32 ⁽¹⁾ 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	2008			2009		
		Firm Retail Sales (MWh)	YEC Rate 39 (Minto) MWh	Firm less Rate 39 MWh	Revenue \$000s	YEC Rate 39 (Minto) \$000s	Firm less Rate 39 \$000s
1	Month/Yr						
2	Jan-08	2,665	-	2,665	343	0	343
3	Feb-08	2,415	-	2,415	312	0	312
4	Mar-08	2,371	-	2,371	307	0	307
5	Apr-08	2,259	-	2,259	293	0	293
6	May-08	2,124	-	2,124	277	0	277
7	Jun-08	2,540	-	2,540	333	0	333
8	Jul-08	2,797	-	2,797	368	0	368
9	Aug-08	2,694	-	2,694	354	0	354
10	Sep-08	2,541	-	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	Total 2008	37,179	8,000	29,179	4,595	800	3,795
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	Total 2009	60,874	32,000	28,874	6,950	3,200	3,750

SCHEDULE B
MAXIMUM COMPANY INVESTMENT

1. (a) **"Cost"** means the estimated cost of materials, labour, equipment, expenses, and any other direct costs incurred by the Company in extending Service to a Point of Delivery.
- (b) **"Annual Cost"** means the estimated cost of generating and transmitting electric energy to the Customer, operating and maintaining the facilities constructed to serve the Customer and the fixed charges, including return, income tax and depreciation, on the cost of facilities constructed to serve the Customers.
2. Subject to the provisions of paragraph 3 of this Schedule B, the maximum **cost** which the Company will incur to extend service to a point of delivery (herein referred to as the "Maximum Company Investment") shall be determined as follows:
 - (a) **Residential Service:**
\$900 per single family dwelling; and
\$450 per Multiple Dwelling Unit
 - (b) **General Service:**
\$400 per kilowatt of estimated billing demand, which shall not be less than five kilowatts, provided that if the estimated life is less than 25 years or seasonal the Company investment will be reduced proportionally, then the Maximum Company Investment shall be determined in the manner described in paragraph 3;
 - (c) **Municipal Street Lighting:**
\$700 per light
 - (d) **General Service – Secondary:**
One half of one year of forecast retail sales revenues.

At the end of one year of service the Company will re-assess whether the customer's estimates of their consumption were accurate and will collect from the customer (or refund) any contributions, based on the Maximum Company Investment rules then in place in paragraph 2 or paragraph 3, that are required if the loads are significantly different than originally estimated.

3. The Maximum Company Investment for an extension of service not specified in paragraph 2, and the Maximum Company Investment in any extension of service, whether or not specified in paragraph 2, the Load characteristics of which are expected to vary materially from the average for that type of service, shall be determined on the basis of a detailed analysis of the **Annual Cost** of such extension and the revenue expected to be derived therefrom. If the **Annual Cost** of serving a customer is higher than the revenue expected to be received from such service, then the Maximum Company Investment shall be the **Cost** of the extension less the present value of the annual amounts over the expected life of the service by which the **Annual Cost** is expected to exceed the revenue.