CITY OF WHITEHORSE (CW)

1 2	REFE	RENCE:	Application, Tables 2.3 and 2.4				
3	ISSUE	:	Sales Forecasts – Forecasting Methods				
4							
5	PREA	MBLE:					
6							
7	CW wi	shes to unders	tand YEC's forecasting methods.				
8							
9	QUES	TION:					
10							
11	a)	Please provid	e a full explanation and demonstration of the statistical forecasting				
12		methods used by YEC to forecast energy sales and/or MWh sales per custom					
13		in these table	S.				
14							
15	b)	If no statistica	I forecasting methods were used by YEC, to forecast energy sales				
16		and MWh sale	es per customer in these tables, please explain why not.				
17							
18	ANSW	/ER:					
19							
20	<b>(a)</b> an	d <b>(b)</b>					
21							
22	Please see response to LE-YEC-1-7(a).						

1	REFEI	RENCE:	Application Section 2.2.1, p. 2-4	
2 3	ISSUE	:	Sales Forecasts – Whole Sales to YECL	
4				
5	PREA	MBLE:		
6				
7	"2008	Actuals Year-t	<b>o-Date:</b> Yukon Energy's load forecasts for	2008 incorporate actual
8	sales t	hrough June 20	008, which were not available to YECL as c	of their filing date of April
9	30, 20	08.		
10				
11	2009 F	Forecast Load	Growth: Yukon Energy's 2009 load foreca	asts are markedly higher
12	than th	ne YECL foreca	asts in their GRA reflecting Yukon Energy	's analysis of wholesale
13	load g	growth, includi	ng the WAF load growth analysis for	the 2001-2004 period
14	(avera	ging 2.2% per	year), as reviewed in the Yukon Energy	20-Year Resource Plan
15	2006-2	2025 ("Resourc	e Plan") and the more recent experience	ed growth rate in WAF
16	wholes	sales from 2004	4 to 2007 actuals, at 2.5% per year. Yukc	on Energy has utilized a
17	growth	rate in this ran	ige (2.39%) as the basis for estimating load	l increases from 2008 to
18	2009 b	based on this ev	vidence of the experienced longer-term load	d trends."
19				
20	QUES	TION:		
21				
22	a)	For 2008, YE	C forecast Wholesale sales growth (1.38%	%) <sup>1</sup> to be less than that
23		forecast by YI	ECL (2.39%). <sup>2</sup> Is there any reason for YE	C's lower forecast other
24		than the incorp	poration and consideration of actual sales the	nrough June 2008?
25				
26	b)	Absent the inc	corporation of these actual sales through	June 2008, would YEC
27		have expected	d growth for 2008 to be greater than that t	forecast by YECL, as is
28		the case in 20	09. Please explain.	
29				
30	c)	How does YE	C account for the seeming anomaly of redu	ced growth in 2008?
31				-
32	d)	Please provide	e an explanation and rationale for the use o	of the forecast growth of
33		2.39% for 200	9. Please explain exactly what YEC means	by the "evidence of the
34		experienced l	onger-term load trends" and how it was	used to determine the
35		2.39%.	-	

<sup>&</sup>lt;sup>1</sup> Table 2.1, Page 2-5.

<sup>&</sup>lt;sup>2</sup> Table 2.1, Page 2-5.

1 **ANSWER:** 2 3 (a) 4 5 Please see YECL-YEC-1-19(c). 6 7 (b) 8 9 Not Necessarily. Yukon Energy worked with YECL to define the 2008 and 2009 10 forecasts in late 2007, and ultimately accepted YECL's forecast for 2008 and 2009 for 11 the purposes of business planning. During preparation of Yukon Energy's GRA, it was 12 apparent that the load growth levels assumed for 2009 were below what might be 13 expected for 2009 based on past experience. At the same time, the early months of 14 2008 were indicating below forecast loads. Consequently, Yukon Energy did not adjust 15 2008 forecasts upwards during the GRA preparation process, but did adjust 2009 16 upwards. 17 18 (C) 19 20 Yukon Energy is not provided the data required to track YECL's retail loads in a manner 21 that permits identification of the reasons for variances. The lower loads in early 2008 22 could have been due to a lower number of customers connecting, or lower average 23 loads due to weather or other factors. It is also possible that some of the reason for 2008 24 load growth was loads that would not arise until later in the year (such as new 25 construction) but which was not incorporated in any detail into the monthly forecasts. 26 27 (d) 28 29 Yukon Energy's initial wholesale monthly load forecast (for all loads other than Pelly 30 Crossing) was to apply a load growth of 2.5% above the same month in 2008 (actual or 31 forecast). The 2.39% in Table 2.1 arises as in the final GRA preparation, Pelly Crossing 32 load was allocated 2.3 GW.h of the total wholesale load, rather than the original estimate 33 of 2.0 GW.h, which served to reduce the load growth otherwise attributed to "ongoing" 34 sales by about 0.1%.

35

36 Also see YECL-YEC-1-19(d) in regards to the 2.5% estimate.

1 2	REFERENCE:		Application, Tables 2.2 to 2.4, pages 2-16 to 2-18					
2 3 4 5	ISSUE:		Sales Forecasts – Summary of Customers, Energy Sales and Revenues					
5 6 7	PREAMBLE:							
8 9	CW wishes to understand YEC's forecasting accuracy.							
10 11	QUES	TION:						
12 13 14	<ul> <li>a) Please expand Tables 2.2 to 2.4 to include "Forecast" columns for the years 2006 and 2007.</li> </ul>							
15 16 17 18 19	b)	For these expanded tables, please provide an explanation for any variances greater than 5% between forecast and actual energy sales for the years 2006 and 2007 for the Residential, General Service, Street Lights and Secondary Sales classes.						
20 21 22 23	c)	Please provid forecast and a the Residentia	de an explanation for any variances greater than 5% between actual "MWh sales per customer" for the years 2006 and 2007 for al and General Service Classes.					
24 25 26	d)	Please provid (c) above for t	e an explanation for any variances greater than 5% as per (b) and he year 2008, at the time the 2008 update information is provided.					
 27 28	ANSW	/ER:						
29 30	(a)							
31 32	Please	e see Attachme	nt 1 to this response.					
33 34	(b)							
35 36	There are only three variances of more than 5% in 2006 or 2007 in Table 2.2: Streetlights in 2006 and secondary sales in 2006 and 2007.							

1 For streetlights, both Dawson and Mayo added street lights that were not anticipated at 2 the time of preparing the business plan forecast in the prior year. 3 4 Secondary sales in 2006 were higher than forecast due to 2 new customers and one 5 large established customer using approximately 1.5 GWh more than forecast. (For 6 expanded information on secondary sales forecasting please refer to YECL-YEC-1-23). 7 8 The 2007 secondary sales variance was due to 3 of the largest customers all having a 9 high load year and surpassing their historic averages by in excess of 1 GWh each. This 10 level of coincident load was atypical and did not continue into 2008, where a certain level 11 of equipment breakdowns resumed. 12 13 (c) 14 15 There are no variances of more than 5% in 2006 or 2007 in Table 2.2. 16 17 (d) 18 19 Yukon Energy has not fully compiled all 2008 sales in the form requested. It is possible 20 to confirm that only 3 categories of sales saw material variances from forecast (greater 21 than 1 GW.h): wholesales (see UCG-YEC-1-22 for 2008 preliminary actuals), secondary 22 sales (2008 sales were well below forecast due to equipment break downs at major 23 secondary customers and material interruptions in the latter part of the year – see UCG-24 YEC-1-28) and industrial (due to later than expected in-service of Minto, see YUB-YEC-

25 1-17).

Yukon Energy Corporation 2008-2009 General Rate Application CW-YEC-1-4(a) Attachment 1

#### Yukon Energy Corporation Summary of Customers, Energy Sales and Revenues (excluding Riders) - Company

Table 2.2 September 2008 CW-YEC-1-4

								Forecast	Forecast
Line		Approved	Actual	Forecast	Actual	Forecast	Actual	Existing	Existing
No.	Description	2005	2005	2006	2006	2007	2007	2008	2009
1	Residential	1 202	1 220	4 000	1 205	4 077	1 200	4 440	1 400
2		1,302	1,336	1,323	1,365	1,377	1,390	1,416	1,432
3	Sales in Nivyn	10,201	10,169	10,271	10,666	10,497	10,908	11,155	11,183
4	Nivin sales per customer	7.8	7.6	7.8	7.8	7.6	7.8	7.9	7.8
5	Revenue (\$000s)	1,208	1,215	1,223	1,267	1,251	1,313	1,319	1,335
6	Cents per Kwn	11.84	11.95	11.91	11.88	11.92	12.04	11.83	11.94
	General Service	4.47	450	450	4.47	457	450	450	457
8		447	450	453	447	457	450	450	457
9		16808	18438	17805	17037	17531	17507	18193	19543
10	MWh sales per customer	37.6	41.0	39.3	38.1	38.4	38.9	40.4	42.8
11	Revenue (\$000s)	2,304	2,470	2,420	2,301	2,349	2,376	2,442	2,637
12	Cents per Kwn	13.71	13.40	13.59	13.51	13.40	13.57	13.42	13.49
13		0	0	0	0	0	0	0.045	00.000
14	Sales in MWh	0	0	0	0	0	0	6,845	29,023
15	Revenue (\$000s)	0	0	0	0	0	0	709	3,142
16	Cents per KWh	7.00	7.00	7.00	7.00	7.00	7.00	10.36	10.83
17		050	050	050	070	070	074	070	070
18	Sales in MWh	252	256	256	270	270	274	278	278
19	Revenue (\$000s)	65	66	66	69	70	70	71	71
20	Cents per KWh	25.75	25.64	25.82	25.64	25.88	25.62	25.64	25.63
21	Space lights	10		45					45
22	Sales in MWh	13	14	15	14	14	14	14	15
23	Revenue (\$000s)	2	3	3	3	2	3	3	3
24	Cents per KWh	19.76	21.90	20.58	21.48	14.18	22.00	21.82	21.54
25	I otal Company - Firm Retail & Ind.	4 740	4 700	4 770	1 0 1 0	4 00 4	4 0 4 0	4 000	1 000
26	Customers	1,749	1,786	1,776	1,812	1,834	1,840	1,866	1,889
27	Sales in MWh	27,274	28,877	28,346	27,987	28,313	28,704	36,485	60,042
28	Revenue (\$000s)	3,579	3,754	3,712	3,641	3,672	3,763	4,545	7,188
29		13.12	13.00	13.10	13.01	12.97	13.11	12.46	11.97
30	Wholesale sales	001 510	007 440		054 004				
31	Sales in MWh	234,542	237,419	241,862	251,861	253,227	254,914	258,989	266,926
32	Revenue (\$000s)	16,043	16,239	16,543	17,227	17,321	17,436	17,715	18,258
33		6.84	6.84	6.84	6.84	6.84	6.84	6.84	6.84
34	Total Company - Firm	004.040			070 0 10	004 544	000 040	005 171	
35	Sales in MWh	261,816	266,296	270,208	279,848	281,541	283,618	295,474	326,968
36	Revenue (\$000s)	19,622	19,993	20,255	20,868	20,993	21,199	22,259	25,446
37	Cents per KWh	7.49	7.51	7.50	7.46	7.46	7.47	7.53	7.78
38	Secondary	00.040	40.000	00 550	00.405	04.400	0 4 005	~~	10.010
39	Sales in MWh	20,613	18,933	20,550	22,185	21,183	24,225	20,557	16,613
40	Revenue (\$000s)	854	767	849	917	875	1,000	850	688
41	Cents per KWh	4.14	4.05	4.13	4.13	4.13	4.13	4.13	4.14
42		000 100	005 000	000 755	000 000	000 700	007.010	040.007	040 504
43	Sales in MVVn	282,429	285,229	290,758	302,033	302,723	307,843	316,031	343,581
44		20,476	20,760	21,104	21,785	21,868	22,199	23,109	26,134
45	Cents per Kwn	7.25	7.28	7.26	7.21	7.22	7.21	7.31	7.61

Note:

Excludes revenues from Rider J, Industrial Rider F, and offsets in new Revenue Reduction Rider as set out in Tab 4

Yukon Energy Corporation 2008-2009 General Rate Application CW-YEC-1-4(a) Attachment 1

Yukon Energy Corporation Summary of Customers, Energy Sales and Revenues (excluding Riders) - Mayo Dawson

Table 2.3 September 2008 CW-YEC-1-4

								Forecast	Forecast
Line		Approved	Actual	Forecast	Actual	Forecast	Actual	Existing	Existing
No.	Description	2005	2005	2006	2006	2007	2007	2008	2009
1	Residential								
2	Customers	1,015	1,031	1,024	1,056	1,064	1,073	1,095	1,108
3	Sales in MWh	8,112	7,982	8,129	8,346	8,252	8,510	8,739	8,759
4	MWh sales per customer	8.0	7.7	7.9	7.9	7.8	7.9	8.0	7.9
5	Revenue (\$000s)	960	954	968	992	984	1,025	1,033	1,046
6	Cents per KWh	11.84	11.95	11.91	11.88	11.92	12.04	11.83	11.94
7	General Service								
8	Customers	370	370	372	366	375	370	372	378
9	Sales in MWh	10,786	11,139	11,224	11,289	11,546	11,808	11,937	13,976
10	MWh sales per customer	29.2	30.1	30.2	30.8	30.8	31.9	32.1	37.0
11	Revenue (\$000s)	1,493	1,492	1,525	1,525	1,547	1,603	1,602	1,886
12	Cents per KWh	13.84	13.40	13.59	13.51	13.40	13.57	13.42	13.49
13	Industrial								
14	Sales in MWh	0	0	0	0	0	0	0	0
15	Revenue (\$000s)	0	0	0	0	0	0	0	0
16	Cents per KWh	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	Street lights								
18	Sales in MWh	154	159	158	173	173	177	181	180
19	Revenue (\$000s)	40	41	41	44	45	45	46	46
20	Cents per KWh	25.75	25.64	25.82	25.64	25.88	25.62	25.64	25.63
21	Space lights								
22	Sales in MWh	10	12	12	13	13	13	13	13
23	Revenue (\$000s)	2	3	3	3	2	3	3	3
24	Cents per KWh	19.75	21.90	20.58	21.48	14.18	22.00	21.82	21.54
25	Total - Firm Retail and Industrial								
26	Customers	1,385	1,401	1,396	1,423	1,439	1,443	1,467	1,486
27	Sales in MWh	19,063	19,293	19,524	19,821	19,984	20,508	20,870	22,928
28	Revenue (\$000s)	2,495	2,490	2,537	2,564	2,577	2,675	2,685	2,980
29	Cents per KWh	13.09	12.90	12.99	12.93	12.90	13.05	12.86	13.00
30	Wholesale sales								
31	Sales in MWh	581	390	695	854	810	855	891	916
32	Revenue (\$000s)	40	27	48	58	55	58	61	63
33	Cents per KWh	6.84	6.84	6.84	6.84	6.84	6.84	6.84	6.84
34	<u>Total - Firm</u>								
35	Sales in MWh	19,644	19,684	20,219	20,675	20,794	21,363	21,761	23,844
36	Revenue (\$000s)	2,535	2,516	2,584	2,622	2,633	2,734	2,746	3,043
37	Cents per KWh	12.90	12.78	12.78	12.68	12.66	12.80	12.62	12.76
38	Secondary								
39	Sales in MWh	800	570	550	630	600	659	652	630
40	Revenue (\$000s)	42	30	29	33	31	34	34	33
41	Cents per KWh	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20
42	Total								
43	Sales in KWh	20,444	20,254	20,769	21,305	21,394	22,022	22,412	24,474
44	Revenue (\$000s)	2,576	2,546	2,613	2,655	2,664	2,768	2,780	3,076
45	Cents per KWh	12.60	12.57	12.58	12.46	12.45	12.57	12.40	12.57

Yukon Energy Corporation 2008-2009 General Rate Application CW-YEC-1-4(a) Attachment 1

### Yukon Energy Corporation

Summary of Customers, Energy Sales and Revenues (excluding Riders) - WAF

Table 2.4 September 2008 CW-YEC-1-4

Line	Description	Approved	A studi 2005	Forecast	A stual 2000	Forecast	Astual 2007	Forecast Existing	Forecast Existing
<u>NO.</u>	Description	2005	Actual 2005	2006	Actual 2006	2007	Actual 2007	2008	2009
1	Customere	200	205	200	200	212	217	222	224
2	Sales in MWh	200	2 186	299 2 1/2	2 320	2 245	2 308	2 4 1 6	2 4 2 4
1	MWh sales per customer	2,009	2,100	2,142	2,320	2,243	2,390	2,410	2,424
5		247	261	255	276	268	280	286	280
6	Cents per KW/b	11 8/	11 95	11 01	11.88	11 02	12.04	11.83	11 04
7	General Service	11.04	11.55	11.51	11.00	11.52	12.04	11.00	11.34
8	Customers	77	80	82	80	82	80	78	70
0	Sales in MW/b	6 022	7 200	6 5 8 1	5 747	5 086	5 600	6 256	5 568
10	MW/h sales per customer	78.2	01.5	80.7	71 5	3,900 73 0	5,099 71 2	80.2	70.5
10	Povenue (\$000s)	70.Z 911	078	804	71.5	802	774	840	70.5
12	Cents per KWb	13 /7	13 40	13 50	13 51	13.40	13 57	13 42	13.40
12	Industrial	13.47	13.40	15.55	15.51	15.40	15.57	15.42	13.49
1/	Sales in MWb	0	0	0	0	0	0	6 845	20 023
15		0	0	0	0	0	0	0,040	29,023
16	Cents per KW/b	N/A	N/A	0 N/A	N/A	N/A	N/A	10.36	10.83
10	Stroot lights	IN/A	N/A	11/7	N/A	N/A	11/7	10.50	10.05
10	Sales in MWh	07	07	07	07	07	07	07	07
10		25	25	25	25	25	25	25	25
20	Cents per KWb	25	25 64	25 82	25 64	25 88	25 62	25 64	25 63
20	Space lights	25.75	23.04	20.02	23.04	25.00	25.02	23.04	25.05
21	Splee in MWb	2	1	2	2	1	1	1	1
22		0.5	03	0.5	0.4	0.2	03	03	03
20	Cents per KWb	10.76	21.80	20.58	21 / 8	1/ 18	22.00	21.82	21.54
24	Total - Firm Potail and Industrial	19.70	21.09	20.00	21.40	14.10	22.00	21.02	21.04
20		365	385	380	380	305	307	400	403
20	Sales in MW/b	9 211	0.584	8 8 2 2	8 166	8 330	8 106	15 615	37 113
21		1 094	1 264	1 175	1 077	1,005	1 097	1 960	4 200
20	Cents per KWb	1,004	1,204	1,170	1,077	1,095	1,007	1,000	4,200
29	Wholesale sales	15.21	15.19	15.52	15.19	15.15	15.27	11.91	11.54
21		222.061	227 029	241 167	251 007	252 417	254 050	250 000	266 011
32		233,901	237,020	241,107	231,007	252,417	204,009	236,096	200,011
32	Cents per KWb	6.84	6.84	6.84	6.84	6.84	6.84	6.84	6.84
24	Total Firm	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
35	Sales in MWb	242 172	246 612	240.080	250 173	260 747	262 254	273 713	303 124
36		17 097	17 477	249,909	18 2/6	18 360	18 /65	10 514	22 403
27	Conta por KM/b	7.06	7.00	7.07	7.04	7.04	7.04	7 12	22,403
30	Socondary	7.00	7.09	7.07	7.04	7.04	7.04	7.15	7.59
30	Sales in MW/h	10 913	18 363	20.000	21 555	20 583	23 566	10 005	15 083
40		19,013	10,303	20,000	21,000	20,303	23,300	19,903	15,905
40	Cents per KWb	4 10	107	020 4 10	004 1 10	044 1 10	900	4 10	4 10
42		4.10	4.02	4.10	4.10	4.10	4.10	4.10	4.10
42 12	Sales in KW/b	261 095	264 075	260 000	280 729	281 220	285 820	203 610	310 107
43		201,900	204,970	209,909	200,720	201,330	200,020	293,010	219,107
44	Conte nor KW/b	11,900	6 97	10,491 6 °E	6.91	19,204	6 20	20,000	20,000
40		0.83	0.07	0.85	0.01	0.03	0.00	0.92	1.23

1	REFERENCE:		plication page 3 – 4, lines 16 - 18						
2	ISSUE	- Eu	al and Purchased Power						
4	ISSUE	. 100							
5	PREAMBLE:								
6									
7	YEC s	tates: "Forecast fue	el prices for the 2008/2009 test years are approximately \$1.108						
8	per litr	e for 2008 and \$1.	149 per litre for 2009 for Whitehorse. For other Yukon Energy						
9	locatio	ns, additional cost	ts of 3.2 cents/litre (Faro), 1.5 cents/litre (Dawson) and 0.7						
10	cents/l	itre (Mayo) apply.							
11									
12	QUES	TION:							
13									
14	a)	When were these	fuel price forecasts for 2008 and 2009 made? What was the						
15		basis for these pri-	ce forecasts at the time the forecasts were made?						
16									
17	D)	Are the "additional costs" mentioned additional to the Whitehorse price? If not,							
18		please explain the	use of the term "additional"?						
20	c)	What was the act	ual average price of diesel fuel for Whiteborse, Faro, Dawson						
20	0)	and Mayo during 2	20082						
27		and Mayo during 2	-000 :						
23	d)	What was the actu	al Fuel and Purchased Power cost to YEC during 2008?						
24	α)								
25	e)	What is the curre	nt (January 2009) wholesale diesel fuel price for Whitehorse?						
26	,	Please revise the	2009 Fuel and Purchased Power revenue requirement forecast						
27		to reflect this curre	ent price of diesel fuel.						
28									
29	f)	Please provide Y	EC's best current forecast for the average wholesale price of						
30		diesel fuel in Whit	ehorse for 2009. Please advise if such a forecast is or can be						
31		derived from the S	Short-Term Energy Outlook document, page 20, Table 2 which						
32		can be accessed a	at the following link:						
33		http://www.eia.doe	e.gov/emeu/steo/pub/jan09.pdf						

ANSWER:
(a)
Fuel price forecasts for 2008 and 2009 were made on August 28, 2008. The basis for the price forecasts was NYMEX futures market crude oil prices adjusted for refining/shipping costs and exchange rate. At the time, the NYMEX forecasts were relatively constant at a price of approximately \$119/bbl in US dollars.
(b)
The "additional costs" mentioned are additional to the Whitehorse price.
(c) and (d)
The actual average price for diesel fuel consumed during 2008 operations is as follows:

2008	Cents/L
Faro	84.20
Mayo	62.56
Dawson	97.58
Whitehorse	93.42

19 The actual average price of diesel fuel purchased during 2008 was:

2008	Cents/L	
Faro	1.074	
Мауо	0.00	No purchases in 2008
Dawson	1.084	
Whitehorse	1.021	

- 22 The average price for diesel consumed is lower than average purchase price as YEC
- 23 uses a weighted average cost for fuel expense and inventory on hand at the beginning
- 24 of the year at a lower cost than fuel purchases during the year.

1	(e)					
2	The current wholesale diesel fuel prices for new purchases (January 22, 2009) a	re as				
4	follows:	0 40				
5						
6	Faro 77.27					
7	Mayo 78.01					
8	Dawson 79.89					
9	Whitehorse 73.93					
10						
11	Updating the GRA for newer oil price changes requires revision to three compon	ents:				
12	fuel costs, secondary sales revenues, and "fixed" industrial Rider F amounts.					
13						
14	• Fuel Costs: Using the costs shown above, the cost of fuel in 2009 would	d be				
15	expected to be approximately \$0.180 million lower than set out in the applica	tion.				
16						
17	Secondary Sales Rates: The price of secondary energy is based on oil price of secondary energy energy is based on oil price of secondary energy energy is based on oil price of secondary energy energy is based on oil price of secondary energy energy is based on oil price of secondary energy	ices.				
18	Current secondary sales prices (at the retail level) are 7.8 cents/kW.	ר for				
19	January-March 2009 and will not be higher than 6.3 cents/kW.h for April-	June				
20	2009 (could be lower depending on the February 11 price from the Burea	au of				
21	Statistics). If one assumes that the 6.3 cents/kW.h price is carried forward t	o the				
22	entire year, the reduction in secondary sales revenues for the year is \$0	).458				
23	million.					
24						
25	• Minto Fixed Rider F: The total revenues from the fixed Rider F charge dep	ends				
26	on both YEC's and YECL's forecast fuel price for 2009. Yukon Er	iergy				
27	understands YECL forecasts fuel prices for 2009 at approximately 86 cents	/litre.				
28	Combining an average price for YEC of 77 cents/litre (per above), an	d an				
29	average 2009 secondary price of 6.5 cents/kw.n, yields a fixed Rider					
30	approximately \$0.00, which reduces YEC's revenues by \$0.170 million in 200	J <del>9</del> .				
<b>১</b> । ৫০	The combined impact of the above is an adverse impact on the revenues required	from				
32 32	firm rates of approximately \$0.448 million (i.e., the 2009 rate reduction proposed by	YEC				
34	in this case would be only \$0.886 million, instead of the proposed \$1.334 million)					

- 1 **(f)**
- 2
- 3 Yukon Energy typically utilizes NYMEX futures values, not forecasts prepared by the
- 4 Energy Information Administration (EIA). Based on the latest NYMEX forecasts, the
- 5 2009 average price for March-December would be on the order of 76 cents/litre in
- 6 Whitehorse, with appropriate locational adders to the other communities.

1 2	REFE	RENCE:	Application Table 3.	4						
- 3 4	ISSUE	:	Non-Fuel and Opera	Non-Fuel and Operating Costs - Labour						
5 6	PREA	MBLE:								
7 8	CW wishes to understand the labour costs of YEC.									
			Employee (	Table 3.4 Complement His	tory					
			President Communications Human Resources & Info. Mgmt. Business Development Finance, Cust. Acctg. & Purchasing Operations Engineering Services	Actual 2005 1.60 1.00 6.06 1.08 11.05 34.82 13.21	Actual 2006 1.50 1.00 6.01 1.00 11.49 39.43 13.58	Actual 2007 2.50 1.00 6.00 1.00 11.63 38.60 14.00	GRA 2008 2.50 1.00 7.00 1.00 12.81 40.20 12.67	GRA 2009 2.50 1.00 7.00 12.81 40.10 12.00		
9			Health, Safety & Environment Total	1.00 69.82	1.00 75.01	3.00 77.73	3.33 80.51	3.33 79.74		
10										
11	QUES	TION:								
12										
13	a)	What is YE	C's historical vacancy ra	ate for FT	'Es fo	or 200	05-20	007 and the forecast		
14 15		rate for 200	8 and 2009?							
16 17	b)	Have these	vacancy rates been app	lied to the	abov	ve en	nploy	ee complements?		
18	c)	Please disc	cuss the reasons for any	y increase	es or	decr	ease	s in employees and		
19		relate to gro	owth in output, if possible	).						
20										
21 22 23 24	d)	Please pro Production, Maintenanc	ovide a breakdown of Transmission, Distr ce.	the num	ber o and	of O Gei	perat neral	ions employees by Operations and		
25 26	e)	Please prove each FTE in	vide a current organizati n Table 3.4.	ion chart	for Y	EC tł	nat s	hows the location of		

1	ANSWER:
2	
3	(a) and (b)
4	
5	For historical vacancy rate from 2005-2007, and the forecast rates for 2008 and 2009,
6	please see response to YECL-YEC-1-41(a).
7	
8	(c)
9	
10	Please see LE-YEC-1-32.
11	
12	(d)
13	
14	The requested information is provided in the table below.
15	
	Breakdown of employees listed under Operations in Table 3.4

	Actual 2005	Actual 2006	Actual 2007	GRA 2008	GRA 2009
Production	13.58	14.57	11.69	13.80	13.46
Transmission & Distribution	8.04	9.00	10.00	10.00	10.00
General O&M	13.20	15.86	16.91	16.40	16.64
Totals	34.82	39.43	38.60	40.20	40.10

- 17
- 18 **(e)**
- 19
- 20 Please see response provided LE-YEC-1-32.

1	REFE	RENCE:	Application page 3-6, lines 7-12
2			
3 4	ISSUE	:	Non-Fuel and Operating Costs - Labour
т 5			
6			
7	YEC.	states: "Increas	ses in labour expense make up the remainder of the increase
, 8	totalin	a $1244$ million	or 62% Most of this increase occurred between 2005 and 2007
q		6 million) Thi	s reflects additional positions as well as periodiated and step
10	increa	ses A further	\$0.248 million is the forecast increase in labour expenses over
11	2007-2	2009 (about 1	9% per year) Detailed information on the labour increases by
12	functio	n is provided in	the following sections. The Yukon Energy employee complement
13	(FTE)	is shown in Tat	ble 3.4."
14	(•••=)		
15	QUES	TION:	
16			
17	a)	Please provid	e a table of the average number of FTEs per year (including the
18		test years), t	he total cost of labour separated by base salaries, overtime,
19		bonuses and	the average cost and year to year increases in average cost of an
20		FTE.	
21			
22	b)	What is the 1.	9% inflation rate of the cost of an FTE based upon?
23			
24	c)	Please provide	e copies of any labour agreements that apply to YEC's employees.
25			
26	ANSW	/ER:	
27			
28	<b>(a)</b> an	d <b>(b)</b>	
29			
30	For the	e table of FTEs	, please see LE-YEC-1-32.
31			
32	For the	e costs of labou	ir separated into noted categories, please see UCG-YEC-1-38, and
33	UCG-	YEC-1-35. Note	that 1.9% is not "the inflation rate of the cost of an FTE"; it is the
34	averag	ge annual increa	ase in labour costs from 2007 to 2009.

- 1 **(c)**
- 2
- 3 Please see response to YECL-YEC-1-37(a).

1 2	REFEI	RENCE:	Application	n Tabl	e 3.5									
3	ISSUE: Non-Fuel Operating Costs - Labour													
4 5 6	PREAMBLE:													
7 8	CW wi	shes to unc	lerstand the lab	our cos	sts of	YEC	-							
					Table Production (\$00(	3.5 n Costs ))								
							Fore	cast	Forec	ast				
				Actual 2005	Actual 2006	Actual 2007	Existing 2008	Proposed 2008	Existing 2009	Proposed 2009				
			Labour Diesel	\$ 2,161 173	\$ 2,418	\$ 2,488 147	\$ 2,114 191	\$ 2,114 191	\$ 2,179 194	\$ 2,179 194				
			Hydro	602	551	602	423	423	560	560				
•			Wind	22	5	21	8	8	8	8				
	Operation Supervision         0         16         23         35         35         36         36           Total Production         \$ 2,958         \$ 3,179         \$ 3,281         \$ 2,771         \$ 2,777         \$ 2,977         \$ 2,977													
9	Total Production         \$ 2,958         \$ 3,179         \$ 3,281         \$ 2,771         \$ 2,977         \$ 2,977													
10	QUES	TION:												
12														
13	a)	Please dis	scuss the caus	e of e	verv	vear	-over-	vear	incre	ase/	decrease in each			
14		category o	f Production ex	nense	in Tal	hle 3	5 are	ater t	han 1	0%				
15		outogory o			in ru		.o gio			070.				
16	b)	M/bot is t	an inflation for	for on	aliad	to o	oob (	ootoa	0710	f Dr	aduction avanage			
10	D)			where										
17		between 2	008 and 2009?	wny a	retne	ese ir	matio	n faci	ors a	ppro	priate?			
18														
19	ANSW	/ER:												
20														
21	(a)													
22														
23	Please	e see UCG-	YEC-1-40(c).											
24														
25	(b)													
26	(~)													
20	Onaci	na non lob	our non fuol	مامدمط	000	rotic	no -	ooint			nd administrative			
21	Ungoli	ng non-lab		elated	ope		ns, n		enanc	e a	nu auministrative			
28	expens	ses for fore	cast 2009 are I	based	on 2	008 8	spend	ing r	equire	emen	its which are then			
29	adjuste	ed for know	n changes in v	work to	b be	comp	pleted	in th	ne yea	ar. Y	EC applied a 2%			
30	inflatio	n increase	to 2009 spend	ing. A	ccorc	ling t	o the	Yuk	on Bu	ureau	J of Statistics the			

- 1 annual average inflation rate in Whitehorse for 2007 was 2.5%; the corporation elected
- 2 to only add 2% to 2009.

1	REFE	RENCE:	Application Table 3.5							
2	ISSUE		Non-Fuel and Operating Costs – Labour, Transmission							
4										
5	PREA	MBLE:								
6										
7	YEC s	tates: "Transm	ission labour costs for 2008 and 2009 are well above the actual							
8 9	2005-2	2007 levels due	to having a full complement of line crew in 2008 and 2009."							
10	QUES	TION:								
11										
12	a)	Why wasn't th	ere a full complement of line crew during the 2005-2007 period?							
13		What was the	vacancy rate for transmission FTEs during the 2005-2007 time							
14		period?								
15	L)		O surrest to have a full examplement of line around wing the test							
10	D)	vvny does YE	C expect to have a full complement of line crew during the test							
18		penou? what i	las changed from the 2003-2007 time period?							
19	c)	Did YEC in fac	t have full complement of line crew throughout 2008? If not, please							
20	- /	provide the va	cancy rate.							
21			-							
22	ANSW	'ER:								
23										
24	(a), (b)	) and <b>(c)</b>								
25										
26	Recrui	tment for jourr	ney Powerline Technicians is challenging for most utilities with							
27	transm	transmission and distribution. There is currently a shortage of skilled workers in Canada.								
28	Inere	are additional c	nallenges for utilities in Yukon due to geographic location.							
29 30	In orde	ar to address thi	is situation. VEC has engaged four recruitment agencies to provide							
31	assista	ance in recruitin	a qualified candidates. YEC increased the employee complement							
32	by two	apprentice Po	werline Technician positions in 2006 as a strategy to develop and							
33	train e	mployees in-ho	use. This strategy is proving to be a significant help in addressing							
34	the vac	cancy challenge	2							

Vacancy Rates and FTEs from 2005 to 2008 for transmission are as follows:

3	2005	11.88%	0.95	FTE's
4	2006	17.10%	1.71	FTE's
5	2007	7.84%	0.78	FTE's
6	2008	8.16%	0.82	FTE's

1	REFE	RENCE:	Application	pag	e 3-9	э, т	able	9.8	;								
2 3 4 5	ISSUE	:	Non-Fuel a Maintenanc	and e	Оре	rat	ing	Cos	sts	-	G	ene	era	l	Ор	erating	and
5 6 7	PREA	MBLE:															
8 9	CW re	quires details costs:	of YEC's exp	ense	s. Y	EC	pro	/ide:	s th	ne fo	ollo	owi	ng	tal	ble	in supp	oort of
10				Gener	Ta al Operat	able 3. ting an (\$000)	8 d Mainter	ance									
									Foreca	ast			Foreca	ast			
				Actual 2005	Actu 200	al 6	Actual 2007	Exist 200	ing F 8	ropose 2008	d	Existir 2009	ng P	ropo 200	sed 9		
		Labour		\$ 13	5\$	139 \$	116	\$	92 \$	; 9	2 9	\$	94 \$	;	94		
		Transportat	ion	29	91	321	370		386	38	36		394		394		
		Maintenanc	e of Company Owned Properties	23	30	242	290		342	34	12		384		384		
		SCADA Con	munication and Special Projects	7	71	81	72		79		79 	• •	80		80		
11 12		Total Gener	ai O&M	\$ 72	/ \$	/83 \$	040	\$	999 <u>3</u>	, 89 ,		¢ 5	15Z \$	•	952		
13	QUES	TION:															
14																	
15	2)	Place dice	ice the course	of	ovori		oord	Nor	NO	or i	no	roo	~~~	/dc	oor	ooco in	oach
10	a)				ever	у у Ма	ear-u	Jver	-ye	аг і ~ т.	-		0	/ue			
10		category of C	seneral Opera	ung	and	IVIa	unter	ianc	сеп	n Ta	aDI	le c	5.8 	gr •	eat	er than	10%,
17		as well as th	ie cause for <u>e</u>	every		rea	se/de	ecre	ase	e fro	om	20	)07	' to	02	008 for	each
18		category.															
19																	
20	b)	What is the	inflation factor	<sup>,</sup> app	lied	to	each	n ca	teg	ory	of	G	ene	era	al C	peratin	g and
21		Maintenance	expense betw	veen	200	8 e	and 2	2009	)? \	Nhy	a	re	the	se	inf	flation f	actors
22		appropriate?															
23																	
24	c)	Please breal	down SCAE	DA co	omm	iuni	icatio	on a	nd	SDe	eci	al	pro	oied	cts	by vea	r into
25	-)	these two cat	egories.							- 1- 1						-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

25 26

27

28

d) Please provide a full description of the special projects undertaken in each year from 2005-2007 and those special projects forecast for the test years?

## 1 ANSWER:

2

# 3 (a)

Table 3.8 General Operating and Maintenance

\$000s	Actual	Actual	Incr/(Decr)	% Increase	Actual	Incr/(Decr)	% Increase	Proposed	Incr/(Decr)	% Increase	Proposed	Incr/(Decr)	% Increase
	2005	2006	Dollars	or Decrease	2007	Dollars	or Decrease	2008	Dollars	or Decrease	2009	Dollars	or Decrease
				from Pr YR			from Pr YR			from Pr YR			from Pr YR
Labour	135	139	4	2.96%	116	(23)	-16.55%	92	(24)	-20.69%	94	2	2.17%
Transportation	291	321	30	10.31%	370	49	15.26%	386	16	4.32%	394	8	2.07%
Maintenance of Company Owned Properties	230	242	12	5.22%	290	48	19.83%	342	52	17.93%	384	42	12.28%
SCADA Communications and Special Projects	71	81	10	14.08%	72	(9)	-11.11%	79	7	9.72%	80	1	1.27%
Total General O&M	727	783	56	7.70%	848	65	8.30%	899	51	6.01%	952	53	5.90%

4 5

6 The decrease in labour costs from 2006 to 2007 and from 2007 to 2008 is due to a 7 decrease in the time spent on maintenance due to a focus on capital projects.

8

9 The increase in annual transportation costs before 2008 is due to increased fuel price as 10 well as increased consumption. In addition, between 2006 and 2007 an increase in 11 spending occurred on maintenance of the fleet.

12

13 The increase in maintenance of company owned properties from 2006 to 2007 is due to 14 the rental of additional space to store files (\$30,000 annually), increased fuel costs for 15 the Aishihik house, and the initiation of payments for fuel for community housing (see 16 UCG-YEC-1-43(c)) which was fully implemented by 2008. Also driving the cost increase 17 from 2007 to 2008 was painting and new flooring for the Dawson customer service 18 office. From 2008 to 2009 increases result from continued repairs to the Dawson 19 customer service office, new windows and a new deck for the Faro house, and painting 20 of the trim on the Whitehorse office building.

21

The SCADA expenses are within 10% annual changes with the exception of 2006, when\$8,000 was spent on maintenance.

- 24
- 25 **(b)**

26

Ongoing non-labour non-fuel related operations, maintenance and administrative expense forecasts for 2009 are based on 2008 spending requirements, adjusted by (a) specific changes in work to be completed in the forecast periods, and (b) a 2% inflation increase to 2008 spending. According to the Yukon Bureau of Statistics the annual average inflation rate in Whitehorse for 2007 was 2.5%; given the outlook the Corporation elected to only add 2% to 2009.

- 1 (c) and (d)
- 2
- 3 Please see response to YECL-YEC-1-42(g). Note there are no special projects being
- 4 undertaken in the test years.

 REFERENCE:
 Application page 3.8, lines 10-11

 ISSUE:
 Non-Fuel and Operating Costs - Administration

 PREAMBLE:
 PREAMBLE:

 YEC provides the following table in support of its Administration expenses:

				(\$00	0)									
								Fore	cast	t		Fore	cast	:
	A	ctual 2005	A	Actual 2006		Actual 2007		cisting 2008	Proposed 2008		Existing 2009		Proposed 2009	
Labour	\$	2,691	\$	2,846	\$	3,288	\$	3,498	\$	3,498	\$	3,605	\$	3,605
Resource Planning		1		6		21		17		17		17		17
Communications		72		87		118		87		87		105		105
Customer Accounting		164		170		189		201		201		206		206
Environmental Mgmt		46		7		30		35		35		52		52
General		873		805		597		745		745		734		734
Information Systems		213		265		341		351		351		425		425
Fish Hatchery		126		106		132		130		130		136		136
Fish Ladder		18		33		11		25		25		26		26
Safety		38		54		133		59		59		162		162
Training		177		139		142		201		201		211		211
Recruitment		170		19		181		165		165		169		169
Board of Directors		156		91		166		145		145		148		148
Union		54		27		32		25		25		26		26
Regulatory Affairs		0		6		106		93		93		57		57
Material Management		300		155		14		42		42		43		43
Contracting		26		8		6		11		11		11		11
Professional Development		16		0		4		15		15		15		15
Total Administration	\$	5,141	\$	4,824	\$	5,511	\$	5,845	\$	5,845	\$	6,148	\$	6,148

Table 3.9 Administration

9 10

# 11 **QUESTION:**

- 12
- a) Please discuss the cause of every year-over-year increase/decrease in each category of Administration expense in Table 3.9 greater than 10%, as well as every increase/decrease from 2007 to 2008 for each category not already documented on pages 3-11 to 3-12 of the Application.
- 17 18
- b) What is the inflation factor applied to each category of Administration expense between 2008 and 2009? Why are these inflation factors appropriate?

19 20

c) Please provide the IT Strategic Plan, IT Security Policy and Business Impact
 Assessment mentioned at page 3-11, lines 15-16 of the Application.

d) How often is the periodic assessment of YEC's safety procedures mentioned at page 3-11, lines 21-23 of the Application required? Please discuss the basis for the \$100,000 cost of performing this assessment.

Table 3.9

#### 5 **ANSWER:**

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1

2

3

4

7 (a)

				Adı	ninistra	tion							
\$000s	Actual 2005	Actual 2006	Incr/(Decr) Dollars	% Increase or Decrease from Pr YR	Actual 2007	Incr/(Decr) Dollars	% Increase or Decrease from Pr YR	Proposed 2008	Incr/(Decr) Dollars	% Increase or Decrease from Pr YR	Proposed 2009	Incr/(Decr) Dollars	% Increase or Decrease from Pr YR
1 Labour	2,691	2,846	155	5.76%	3,288	442	15.53%	3,498	210	6.39%	3,605	107	3.06%
2 Resource Planning	1	6	5	500.00%	21	15	250.00%	17	(4)	-19.05%	17	-	0.00%
3 Communications	72	87	15	20.83%	118	31	35.63%	87	(31)	-26.27%	105	18	20.69%
4 Customer Accounting	164	170	6	3.66%	189	19	11.18%	201	12	6.35%	206	5	2.49%
5 Environmental Mgmt	46	7	(39)	-84.78%	30	23	328.57%	35	5	16.67%	52	17	48.57%
6 General	873	805	(68)	-7.79%	597	(208)	-25.84%	745	148	24.79%	734	(11)	-1.48%
7 Information Systems	213	265	52	24.41%	341	76	28.68%	351	10	2.93%	425	74	21.08%
8 Fish Hatchery	126	106	(20)	-15.87%	132	26	24.53%	130	(2)	-1.52%	136	6	4.62%
9 Fish Ladder	18	33	15	83.33%	11	(22)	-66.67%	25	14	127.27%	26	1	4.00%
10 Safety	38	54	16	42.11%	133	79	146.30%	59	(74)	-55.64%	162	103	174.58%
11 Training	177	139	(38)	-21.47%	142	3	2.16%	201	59	41.55%	211	10	4.98%
12 Recruitment	170	19	(151)	-88.82%	181	162	852.63%	165	(16)	-8.84%	169	4	2.42%
13 Board of Dircetors	156	91	(65)	-41.67%	166	75	82.42%	145	(21)	-12.65%	148	3	2.07%
14 Union	54	27	(27)	-50.00%	32	5	18.52%	25	(7)	-21.88%	26	1	4.00%
15 Regulatory Affairs	-	6	6	100.00%	106	100	1666.67%	93	(13)	-12.26%	57	(36)	-38.71%
16 Material Management	300	155	(145)	-48.33%	14	(141)	-90.97%	42	28	200.00%	43	1	2.38%
17 Contracting	26	8	(18)	-69.23%	6	(2)	-25.00%	11	5	83.33%	11	-	0.00%
18 Professional Developmen	16	-	(16)	-100.00%	4	4	0.00%	15	11	275.00%	15	-	0.00%
Total Administration	5.141	4.824	(317)	-6.17%	5.511	687	14.24%	5.845	334	6.06%	6.148	303	5.18%

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- 1. Labour: The increase in 2007 relates to 2 new positions (Documentation Specialist, and Manager of Environmental Assessment and Licensing), as well as an increase in labour allocations to Information Systems, Health & Safety, and General Administration.
- 2. Resource Planning: The costs associated with Resource Planning activities fluctuate with the amount of consulting and legal services used in each of the years to meet corporate strategic goals and objectives as they relate to Resource Planning activities in a given year.
- 3. Communications: The increase in costs for 2006 and 2007 relates to additional costs to educate the public by producing brochures and advertisements. The costs for 2008 are lower as the brochures are only printed on a two year cycle.
- 24 4. Customer Accounting: The 2007 increase in costs was due to improved 25 tracking of telephone costs associated with customer-related activities (as

1 opposed to being allocated to production activities as they were in 2005 and 2 2006). 3 4 5. Environmental Management: Costs associated with Environmental 5 Management fluctuate with the amount of consulting fees and legal fees required to review new environmental legislation, regulations and permitting requirements. 6 7 Overall these costs remain at approximately the same level as 2005 actuals. 8 9 6. General: Please see response to YECL-YEC-1-38(b). 10 11 7. Information Systems: Please see response to YECL-YEC-1-33(a). 12 13 8. Fish Hatchery: Please see response to UCG-YEC-1-44(d). 14 15 9. Fish Ladder: The increase in costs for 2006 relates in part to the First Nations 16 Program that was introduced in 2006. The 2007 lower than average annual 17 amounts relate to timing of government contributions. 18 19 10. Safety: Please see responses to YECL-YEC-1-47 and YECL-YEC-1-48. 20 21 11. Training: Please see responses to YECL-YEC-1-43 and YECL-YEC-1-48. 22 23 12. Recruitment: Please see response to YECL-YEC-1-38(c) (i). 24 25 13. Board of Directors: Please see response to YECL-YEC-1-38(d). In 2005, the 26 board hired a consultant to conduct an IT Security Audit. In 2007, an Engineer 27 was hired to provide advisory services to the board. 28 29 **14. Union:** The higher than average costs in 2005 result from services provided by 30 consultants specializing in job evaluation. The increase in costs in 2007 results 31 from consulting services for a chief negotiator for union negotiations. 32 33 15. Regulatory Affairs: Costs associated with Regulatory Affairs activities fluctuate 34 with the amount of consulting and legal services used in each of the years to 35 review regulatory decisions and orders. In 2007 and 2008 there was a significant 36 amount of consulting and legal services required to review Board Orders as a

1	result of the Resource Plan, the YECL GRA intervention and related activities.
2	Also see UCG-YEC-1-44(j).
3	
4	16. Material Management: Costs for 2005 and 2006 included substantial inventory
5	write-downs, which are not forecast for the test years, while 2007 had a small
6	positive inventory valuation adjustment.
7	
8	17. Contracting: Higher costs were incurred in 2005 to develop contracting and
9	purchasing policies, procedures and best practices.
10	
11	18. Professional Development: Professional development is a contractual
12	obligation related to employment. The budget was used in 2005, but no activities
13	occurred in 2006 and only limited professional development was taken in 2007.
14	The 2008 and 2009 budgets include the expense as a required component of
15	Yukon Energy's costs.
16	
17	(b)
18	
19	Please see CW-YEC-1-22(b).
20	
21	(c)
22	
23	The requested reports are related to the security of YEC's systems and as such are
24	confidential and cannot be provided.
25	
26	(d)
27	
28	Please see YECL-YEC-1-47(b).

1	REFE	RENCE:	Application page 3-12 to 3-15
2			
3	ISSUE	/SUB-ISSUE:	Insurance and Reserve for Injuries and Damages
4 5			
6			
7	YEC s	tates: "The Re	serve for Injuries and Damages ("REID") is an account maintained
8	as app	proved by the B	oard, in order to address uninsured and uninsurable losses as well
9	as the	deductible po	rtion of insured losses. The reserve serves two purposes: (1) it
10	allows	for a balance	to be struck between purchasing additional insurance vs. using a
11	self-ins	surance type a	pproach via the reserve; and (2) it allows the costs of unforeseen
12	events	to be smooth	ned out over a number of years to avoid rate instability for rate
13	payers	5."	
14			
15	QUES	TION:	
16			
17	a)	What is the de	eductible or deductibles in YEC's insurance policy or policies? Has
18		YEC conducte	any reviews of its insurance policies with regard to increasing
19		deductibles to	reduce purchased insurance costs? If yes, please provide the
20		results of these	e reviews.
∠ I 22	b)	How is the fun	action of rick appacement and incurance requirements performed in
22 23	D)	VEC2 What po	osition in the organization chart is responsible for risk assessment?
23			
25	c)	Please provid	e a continuity schedule of the Reserve for Injuries and Damages
26	- /	account that c	learly sets out all additions, charges, opening and closing balances
27		on a yearly ba	sis.
28			
29	ANSW	/ER:	
30			
31	(a)		
32			

33 Please see YECL-YEC-1-32 (a) and (c).

1 **(b)** 

2

As it relates to insurance requirements, Yukon Energy employs a professional insurance brokerage house that specializes in utilities insurance. On an annual basis, the Corporation provides an update to the broker on assets, incidents and changes in operations. The broker reviews coverages and makes recommendations for enhancements. The program is then marketed to key insurance providers and the broker gets quotations on costs (if any) of enhanced coverages. Decisions on coverage reside with the Chief Financial Officer.

- 10
- 11 **(c)**
- 12

13 Please see response provided to YUB-YEC-1-6 (a) and (b) and response provided to

14 YECL-YEC-1-29(b).

1	REFERENC	E: Application Section 5
2		
3	ISSUE:	Capital Projects
4		
5	PREAMBLE:	
6		
7	CW wishes to better understand YEC's proposed capital projects.	
8		
9	QUESTION:	
10		
11	a) To th	e extent not covered in the preceding information request, and if any new
12	information is available, please provide detailed updates or YEC's plans to	
13	develop new renewable generation, including for each project: i) the potential	
14	capacity; ii) forecast costs of construction, iii) timelines and iv) money forecast to	
15	be s	ent within the test years.
16 4 7		
17	ANSWER:	
10	(a)	
19	(d)	
20 21	The main re	nowable energy project under review at the present time is Mayo B. The
21 22	VESAB submission with respect to this project notes that it comprises an approximately	
22 23	10-12 MW powerbouse at a cost most recently estimated at \$120 million. The project is	
23 24	targeted for a late 2011 in-service date, and the GRA budget for the test years is \$1.7	
2 <del>.</del> 25	million 2008 and \$6.5 million in 2009	
_0 26		
27	Outside of	his project, see YUB-YEC-1-38(a). No other renewable energy projects
28	presently ha	re targeted in-service dates.