

YUKON  
ENERGY



CS-11

YUKON ENERGY  
CORPORATION  
P.O. Box 5920  
WHITEHORSE  
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(867) 393-5300

April 24, 2009

Ms. Wendy Shanks  
Yukon Utilities Board  
Box 31728  
Whitehorse, Yukon Y1A 6L3

YUKON UTILITIES BOARD		
EXHIBIT CS-11		
DAY	ENTERED BY	DATE
	YCS	NOV 14/12

Dear Ms. Shanks:

**Re: Updates to Yukon Energy Application**

As set out in Yukon Energy's April 1, 2009 filing and pursuant to Board Order 2009-4, Yukon Energy was to provide an updated package including its preliminary unaudited 2008 actuals and updates to several interrogatory responses by April 24, 2009.<sup>1</sup> Attached are four appendices which include the following information:

***Appendix A - Yukon Energy 2008/09 GRA Updates***

Yukon Energy noted in its original filing or interrogatories that there were a number of items which required "updating". In addition Yukon Energy identified a number of corrections that were required to the Application. The updates/corrections dealt with in Appendix A are as follows:

1. Update to reflect final full service connection date of the Carmacks Stewart Transmission Project.<sup>2</sup>
2. Update to 2009 ROE to reflect BCUC levels approved for 2009.<sup>3</sup>
3. Correction to Tab 5 amounts for errors in (a) 2009 forecast closing Work-in-Progress from the values reported in the GRA which serves to lower 2009 net rate base and (b) a classification error in Table 5.2 of the Application in regards to distribution capital projects which has no effect on the revenue requirement.
4. Update to industrial "Fixed" Rider F to reflect final approvals for fuel price per litre provided in YECCL's GRA proceeding.<sup>4</sup>
5. Update to estimated GRA hearing costs.<sup>5</sup>

<sup>1</sup> In interrogatories responses filed February 27, 2009 and March 6, 2009 Yukon Energy noted that the 2008 financial statements were in the process of being finalized and that preliminary actual 2008 results were not then available. Yukon Energy also noted that pursuant to section 25(1) of the Public Utilities Act, Yukon Energy was required to file its annual financial filing for 2008 by March 31, 2009.

<sup>2</sup> Noted as being required to be updated at page 8-9 of the Application document.

<sup>3</sup> Noted as item to be updated per Tab 8 page 8-4.

<sup>4</sup> As noted in Tab 4, Table 4.2.

1 **REFERENCE: October 6, 2008 Application, Sales and Generation, Page 2-4**

2  
3 YEC states that its "2009 load forecasts are markedly higher than the YECL forecasts in  
4 their GRA reflecting Yukon Energy's analysis of wholesale load growth, including the  
5 WAF load growth analysis for the 2001-2004 period (averaging 2.2% per year), as  
6 reviewed in the Yukon Energy 20-Year Resource Plan 2006-2025 ("Resource Plan") and  
7 the more recent experienced growth rate in WAF wholesales from 2004 to 2007 actuals,  
8 at 2.5% per year. Yukon Energy has utilized a growth rate in this range (2.39%) as the  
9 basis for estimating load increases from 2008 to 2009 based on this evidence of the  
10 experienced longer-term load trends".

11  
12 **QUESTION:**

- 13  
14 a) Please provide a table showing load forecasts by customer class and by energy  
15 rate block for 2008 forecast, 2008 actual and 2009 forecast. Please explain how  
16 this data has been weather normalized if applicable.  
17  
18 b) Please provide a comparative table of the forecast and actual load forecast by  
19 customer class for 2005, 2006, 2007 and 2008. Please explain how this data has  
20 been weather normalized if applicable.  
21  
22 c) Please provide a comparative chart showing the differences between YEC's and  
23 YECL's load forecasts.  
24  
25 d) Please explain what discussions YEC has had with YECL to determine how best  
26 to forecast load in the Yukon.  
27

28 **ANSWER:**

29  
30 **(a)**

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32 Yukon Energy does not forecast by energy rate block. Yukon Energy has relied upon  
33 YECL's forecast by rate block filed with their 2008/2009 General Rate Application.

34  
35 For forecasts by customer class please see Schedule 11 in Tab 7 of the Application.

Monthly Data for YEC Sales and Generation, per Table 2.5

Year	Month	Losses		Total - E.S.O.					Hydro - E.S.O.					Diesel - E.S.O.						
		Losses KWh	%	Total KWh	Hydro KWh	Wind KWh	Diesel KWh	Whse KWh	Alumink KWh	Mayo KWh	Whse KWh	Faro KWh	Dawan KWh	Mayo KWh	Whse KWh	Faro KWh	Dawan KWh	Mayo KWh		
2006 Actual	JAN	30,207,423	9.6%	33,093,283	31,051,633	-	40,660	16,359,843	14,340,000	2,651,790	43,830	2,730	-	2,651,790	43,830	2,730	-	2,651,790	43,830	
	FEB	25,454,813	7.3%	27,324,648	27,147,742	130,361	38,445	15,073,292	8,840,000	2,234,460	18,110	4,200	15,155	2,234,460	18,110	4,200	15,155	2,234,460	18,110	
	MAR	24,339,748	12.0%	27,950,217	27,108,824	113,439	38,954	16,937,934	6,500,000	1,790,890	2,130	2,100	28,414	1,790,890	2,130	2,100	28,414	1,790,890	2,130	
	APR	21,820,935	6.5%	23,598,238	23,128,816	58,534	110,668	14,691,476	7,280,000	1,951,140	-	-	138,248	1,951,140	-	-	138,248	1,951,140	-	
	MAY	21,130,184	4.1%	21,893,242	21,902,832	74,087	18,533	16,358,312	3,990,000	1,853,110	-	-	14,783	1,853,110	-	-	14,783	1,853,110	-	
	JUN	20,039,426	8.1%	21,873,695	21,916,242	68,452	8,351	17,916,242	1,919,000	1,981,830	-	-	8,331	1,981,830	-	-	8,331	1,981,830	-	
	JUL	21,074,740	11.1%	23,411,639	23,334,318	46,333	31,848	18,424,488	3,943,000	1,889,830	-	-	31,848	1,889,830	-	-	31,848	1,889,830	-	
	AUG	20,534,378	9.8%	22,541,164	22,416,880	100,687	20,997	19,048,220	1,210,000	2,163,850	-	-	9,947	2,163,850	-	-	9,947	2,163,850	-	
	SEP	22,056,959	3.5%	22,830,820	22,708,408	2,641	13,667,890	7,103,000	1,908,470	30	2,360	12,380	5,947	1,908,470	30	2,360	12,380	5,947	1,908,470	30
	OCT	24,429,798	8.4%	26,893,784	26,558,019	104,960	220,875	17,468,170	6,689,000	1,711,840	7,830	2,733	212,875	1,711,840	7,830	2,733	212,875	1,711,840	7,830	
	NOV	26,151,266	10.6%	28,822,680	28,661,345	73,552	41,035	18,053,226	9,989,000	2,268,320	5,660	2,733	32,665	2,268,320	5,660	2,733	32,665	2,268,320	5,660	
	DEC	27,634,039	10.6%	30,554,402	30,572,657	889,628	578,800	20,189,734	50,650,000	2,447,730	813	6,850	48,765	2,447,730	813	6,850	48,765	2,447,730	813	
TOTAL		385,059,755	8.4%	399,186,422	397,716,734	889,628	578,800	201,899,734	50,650,000	25,077,060	34,440	481,350	25,077,060	34,440	481,350	481,350	25,077,060	34,440	481,350	
2006 Actual	JAN	31,510,117	9.3%	34,430,988	33,693,798	737,200	19,438,898	11,600,000	2,655,100	311,120	425,980	-	200	2,655,100	311,120	425,980	-	2,655,100	311,120	
	FEB	25,270,462	8.4%	27,402,388	27,291,790	81,267	15,967	15,810,340	12,770,000	1,881,070	8,247	1,690	19,484	1,881,070	8,247	1,690	19,484	1,881,070	8,247	
	MAR	26,182,915	10.1%	31,014,887	30,986,800	70,919	23,464	14,817,880	7,350,000	2,245,100	2,100	1,990	19,484	2,245,100	2,100	1,990	19,484	2,245,100	2,100	
	APR	24,202,341	7.4%	24,485,600	24,391,827	70,919	23,464	14,817,880	7,350,000	2,245,100	2,100	1,990	19,484	2,245,100	2,100	1,990	19,484	2,245,100	2,100	
	MAY	21,840,941	14.0%	24,859,888	24,212,880	120,820	86,042	16,643,387	2,923,000	2,594,870	18,100	12,600	33,342	2,594,870	18,100	12,600	33,342	2,594,870	18,100	
	JUN	20,481,823	5.5%	22,019,730	22,019,730	1,122,341	1,384,544	1,384,544	500,000	500,000	630	0	0	500,000	630	0	0	500,000	630	
	JUL	20,622,198	8.3%	22,521,970	22,521,970	81,690	1,356,121	1,356,121	1,918,700	1,918,700	1,428	1,428	1,470	1,918,700	1,428	1,428	1,470	1,918,700	1,428	
	AUG	21,234,929	5.1%	22,629,258	22,629,258	98,760	20,896,808	1,609,000	2,068,110	2,068,110	188,958	188,958	-	2,068,110	188,958	188,958	-	2,068,110	188,958	
	SEP	23,273,843	8.4%	25,433,032	25,050,338	96,200	19,544,228	3,449,000	2,794,160	2,794,160	840	840	-	2,794,160	840	840	-	2,794,160	840	
	OCT	25,469,452	10.3%	28,311,128	28,311,128	9,010	14,480,000	2,794,160	2,794,160	2,794,160	2,794,160	2,794,160	2,794,160	2,794,160	2,794,160	2,794,160	2,794,160	2,794,160	2,794,160	
	NOV	31,435,232	10.6%	34,026,572	34,026,572	19,260	16,107,170	12,020,000	2,878,400	2,878,400	2,878,400	2,878,400	2,878,400	2,878,400	2,878,400	2,878,400	2,878,400	2,878,400	2,878,400	
	DEC	30,747,264	10.8%	34,026,572	34,026,572	19,260	16,107,170	12,020,000	2,878,400	2,878,400	2,878,400	2,878,400	2,878,400	2,878,400	2,878,400	2,878,400	2,878,400	2,878,400	2,878,400	
TOTAL		301,949,735	8.3%	326,812,238	324,622,424	599,941	1,894,221	16,768,914	50,680,000	27,160,110	860,865	726,330	271,468	27,160,110	860,865	726,330	271,468	27,160,110	860,865	
2007 Actual	JAN	31,234,738	8.0%	33,728,646	33,511,149	217,495	19,448,840	11,671,920	2,392,950	11,785	133,760	-	2,392,950	11,785	133,760	-	2,392,950	11,785		
	FEB	29,363,817	9.4%	32,121,610	32,037,840	83,970	18,717,790	12,790,420	2,528,730	4,513	878	470	2,528,730	4,513	878	470	2,528,730	4,513		
	MAR	28,473,004	8.4%	31,042,643	31,043,398	19,547	18,730,866	13,710,000	2,492,540	7,245	41,260	-	2,492,540	7,245	41,260	-	2,492,540	7,245		
	APR	25,212,059	7.8%	27,186,655	27,034,910	111,240	16,676,910	8,379,000	2,098,000	2,075,850	11,548	11,548	41,260	2,098,000	11,548	41,260	11,548	2,098,000	11,548	
	MAY	22,291,333	9.4%	24,384,500	24,243,600	66,430	14,497,650	7,673,000	1,945,250	1,945,250	11,801	11,801	11,801	1,945,250	11,801	11,801	11,801	1,945,250	11,801	
	JUN	20,675,862	4.9%	21,698,290	21,698,290	41,040	12,857,879	7,503,000	1,840,360	1,840,360	80	208,170	-	1,840,360	80	208,170	-	1,840,360	80	
	JUL	21,656,755	7.7%	23,208,874	23,208,874	42,290	16,812,811	5,150,000	2,161,370	2,161,370	55,987	55,987	55,987	2,161,370	55,987	55,987	55,987	2,161,370	55,987	
	AUG	21,037,680	5.4%	22,189,278	22,054,681	114,598	16,812,811	3,043,000	1,750,000	2,051,720	2,051,720	6,040	6,040	2,051,720	6,040	6,040	6,040	2,051,720	6,040	
	SEP	23,089,810	5.6%	24,452,842	24,236,295	82,970	15,916,577	3,233,000	2,035,860	2,035,860	8,028	124,854	-	2,035,860	8,028	124,854	-	2,035,860	8,028	
	OCT	24,536,096	2.8%	26,163,398	26,017,918	145,480	18,961,861	9,600,000	2,390,410	2,390,410	90,838	2,100	-	2,390,410	90,838	2,100	-	2,390,410	90,838	
	NOV	27,019,518	14.5%	31,045,428	31,012,291	33,038	18,320,848	14,100,000	2,755,660	2,755,660	15,013	48,765	-	2,755,660	15,013	48,765	-	2,755,660	15,013	
	DEC	32,123,891	11.3%	34,766,140	34,676,508	17,130	18,320,848	14,100,000	2,755,660	2,755,660	15,013	48,765	-	2,755,660	15,013	48,765	-	2,755,660	15,013	
TOTAL		307,655,059	8.3%	332,815,211	331,595,432	357,650	1,847,108	206,358,852	58,142,340	26,735,220	363,424	105,840	26,735,220	363,424	105,840	105,840	26,735,220	363,424		
2008 Actual	JAN	32,897,172	9.1%	36,032,118	35,991,338	40,981	18,285,928	14,890,000	2,825,210	1,680	3,658	-	2,825,210	1,680	3,658	-	2,825,210	1,680		
	FEB	28,657,654	8.1%	32,289,687	32,185,041	92,846	16,220,041	13,980,000	2,596,200	3,150	16,735	-	2,596,200	3,150	16,735	-	2,596,200	3,150		
	MAR	27,131,922	8.0%	29,303,887	29,278,767	25,100	15,687,657	11,190,000	2,400,810	-	-	-	2,400,810	-	-	-	2,400,810	-		
	APR	23,723,960	6.8%	25,764,438	25,644,438	119,891	14,566,146	9,370,000	1,878,310	1,878,310	119,891	-	1,878,310	119,891	-	-	1,878,310	119,891		
	MAY	21,857,094	8.6%	23,771,837	23,428,830	178,790	13,065,165	8,285,000	2,083,370	2,083,370	175,228	2,154	-	2,083,370	175,228	2,154	-	2,083,370	175,228	
	JUN	22,274,023	7.1%	23,984,607	23,905,268	39,701	19,350,018	2,440,000	2,239,950	2,239,950	39,261	4,166	-	2,239,950	39,261	4,166	-	2,239,950	39,261	
	JUL	22,343,319	7.8%	24,050,442	23,955,219	70,300	19,700,560	3,240,000	2,352,360	2,352,360	1,465	840	-	2,352,360	1,465	840	-	2,352,360	1,465	
	AUG	23,971,842	5.6%	25,314,105	25,282,610	18,903	16,617,463	5,890,000	2,082,030	2,082,030	-	-	21,070	2,082,030	-	-	21,070	2,082,030	21,070	
	SEP	27,395,394	9.4%	24,410,860	24,386,530	21,343	16,617,463	11,250,000	2,098,840	2,098,840	170,788	47,880	-	2,098,840	170,788	47,880	-	2,098,840	170,788	
	OCT	25,146,273	10.6%	27,503,005	27,176,763	326,272	13,630,823	11,250,000	2,712,545	2,712,545	65,063	13,778	-							