

April 17, 2008

**Original via Courier**

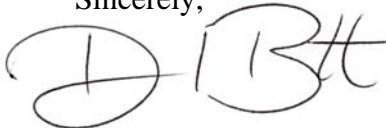
Ms. Erica M. Hamilton  
Commission Secretary  
BC Utilities Commission  
Sixth Floor, 900 Howe Street, Box 250  
Vancouver, BC V6Z 2N3

Dear Ms. Hamilton:

**Re: *An Application for a CPCN for the Okanagan Transmission Reinforcement (OTR)  
Project No. 3698488 - ERRATA 2***

Please find enclosed FortisBC Inc.'s ERRATA 2 with regard to BCUC Information Request No. 1 (Exhibit B-3). Twenty copies will be couriered to the Commission.

Sincerely,



David Bennett  
Vice President, Regulatory Affairs  
and General Counsel

cc: Registered Intervenors

## **Okanagan Transmission Reinforcement Project**

### **ERRATA 2 to BCUC IR1 (Exhibit B-3)**

April 17, 2008

**A. Please replace page 90 with the attached Updated page 90**

In the response to BCUC IR1 Q17.1 the reference to a “dashed” line should have read “solid blue” line.

**B. Please replace page 91 with the attached Updated page 91**

The legend in Figure A17.1 should have read “Supply Limit with single High Capacity VAS-RGA Line & No Technical Limitation from BC Hydro”. The additional word “Vernon” was mentioned in error.

**C. Page 135, A29.3, line 18 - \$57.0 million should read \$61.0 million**

**D. Please replace page 136 with the attached Updated page 136**

In the response to BCUC IR1 Q29.4 the references should be to the “2005-2024 System Development Plan” and the “2007 System Development Plan Update” and Table A29.4 has also been corrected.

**Project No. 3698488:** Okanagan Transmission Reinforcement (OTR) Project

**Requestor Name:** BC Utilities Commission

Information Request No: 1

**To:** FortisBC Inc.

**Request Date:** January 22, 2008

**Response Date:** February 18, 2008

[Updated April 17, 2008](#)

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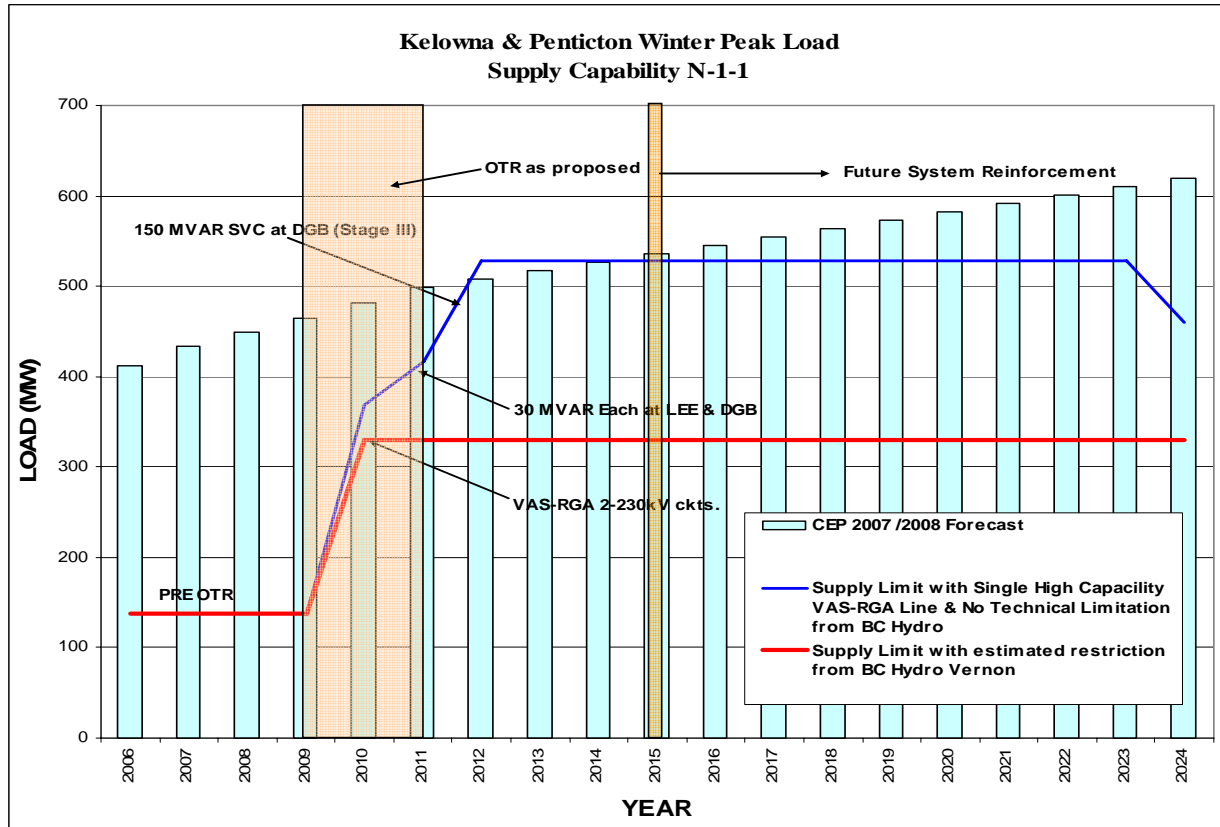
1 **17.0 Assessment of System Needs**

2 **Reference: Exhibit B-1-1, Tab 3, pp. 38, 39**

3 **Q17.1 Please repeat Figure 3-6C and Table 3-6-1 assuming the OTR Project**  
4 **goes ahead with a high capacity single circuit between Vaseux Lake and**  
5 **RG Anderson.**

6 A17.1 Please see Figure A17.1 and Table A17.1 below. Note this design will be  
7 inadequate (meet neither N-1 nor N-2) as indicated below. Prior to the OTR  
8 project, the N-2 limiting condition is the R.G. Anderson Transformer 2 capacity  
9 bottleneck. Following the completion of the OTR Project, the N-2 limiting  
10 condition moves to the northern supply (Vernon import capacity limit). Note  
11 that two load limit lines are shown. The lower line is the contractual import limit  
12 at the Vernon interconnection. The higher, ~~dashed~~ **solid blue** line indicates the  
13 technical limit beyond which further load increases will result in voltage or  
14 thermal violations. Note that the technical limit may decrease over time as the  
15 load in the BCTC system increases (as given by BCTC forecasts). This has  
16 the effect of reducing the available supply capacity at Vernon. Both lines'  
17 capacity limits are less than the peak load beyond the year 2015.

**Figure A17.1**



**Table: A17.1 Okanagan Area Capacity/Adequacy Timeline, Alternative 1C**

Reliability Level	Year
<b>N-0</b>	2024 + (past planning horizon with / without SVC)
<b>N-1</b>	Incompatible
<b>N-1-1 / N-2</b>	Incompatible

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**Q29.4 The FortisBC 2007-2008 Capital Expenditure Plan at pages 39 to 41 identified a cost for the OTR Project of \$75.0 million. Please provide a table that compares the breakdown of the 2005 Resource Plan estimate and this cost estimate to the estimate in Table 5-1. If the dollar bases for the 2005 Resource Plan estimate and the 2007-2008 Capital Plan estimate are not the same as the basis as Table 5-1, please include columns that show the 2005 Resource Plan estimate and the 2007-2008 Capital Plan estimate on the same basis as Table 5-1. Please show the difference in estimated cost for each item.**

A29.4 The references above should be to the "2005-2024 System Development Plan" and the "2007 System Development Plan Update". Please see Table A29.4 below.

**Table: A29.4 OTR Capital Cost Summary Comparisons**

	<u>2005 SDP</u>	<u>2007 SDP</u>	<u>Table 5.1</u>
	(A)	Update	OTR
		(B)	(C)
		(\$ 000s)	
Double Circuit 230kV Vaseux to RGA Penticton (75/76 Line)	29,500	38,995	55,527
Single Circuit 230kV Vaseux to Bentley (40 Line)	5,000	6,499	4,550
63 & 138kV Circuits Bentley to Oliver			672
New Bentley Terminal	20,500	21,933	30,990
Oliver Substation	4,000	4,716	5,687
RG Anderson Terminal Upgrade			10,498
Lee & Bell Terminals 138kV Capacitor Upgrade (formerly Kelowna Shunt Capacitors)	2,000	2,930	3,297
Vaseux 230kV Terminal Upgrade			4,440
Vaseux 500kV Terminal Upgrade			2,928
Planning & Preliminary Engineering			5,363
Project Management, Engineering & Operations Support			3,807
<b>Sub Total</b>	<b>61,000</b>	<b>75,073</b>	<b>127,760</b>
AFUDC			9,736
Removals & Salvage		3,050	3,912
<b>TOTAL</b>	<b>61,000</b>	<b>78,123</b>	<b>141,408</b>

Notes:

Column (A) - the 2005 SDP was presented without AFUDC and capitalized overheads.

Column (B) - includes AFUDC and capitalized overheads.

Column (C) - components include capitalized overheads. AFUDC aggregated for Project total.