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07 May 2004

Mr. Robert J. Pellatt  
Commission Secretary  
British Columbia Utilities Commission  
PO Box 250  
600 – 900 Howe Street  
Vancouver, BC V6Z 2N3

Dear Mr. Pellatt:

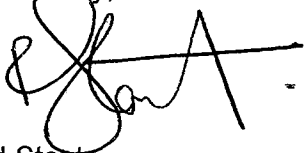
**RE: British Columbia Hydro and Power Authority (“BC Hydro”)  
Project No. 3698360  
2004/05 and 2005/06 Revenue Requirements Application**

BC Hydro encloses its response to the third round of information requests in this proceeding, pursuant to the Regulatory Timetable attached to Order No. G-42-04.

Many of the third round information requests fall outside the scope allowed by the Commission in Letter No. L-25-04 and Order No. G-42-04. Further, the burden of responding in writing to the approximately 250 information requests received at this late stage of the written phase of the hearing would jeopardize BC Hydro's ability to adequately prepare for the oral phase of the hearing. For these reasons BC Hydro declines to respond to certain of the information requests, as outlined in the enclosed Schedule A.

BC Hydro also encloses Schedule B, a further list of errata that have been identified since the last round of errata were filed on April 13, 2004. Schedule B includes filing instructions and explanatory notes for each of the substitute pages.

Yours sincerely,



Richard Stout  
Chief Regulatory Officer

Enclosures (20)

c Registered Intervenors

## SCHEDULE A

**List of Information Requests to which  
BC Hydro and Power Authority  
is not providing a Response**

Information Request	Question Number
<b>British Columbia Utilities Commission IR No. 3</b>	217.0
	218.0
	219.0
	222.0
	225.0
	230.0
<b>BC Citizens for Public Power IR No. 2</b>	A6.4 and A7.4
	A6.5 and A7.5
	A6.7 and A7.7
	A9.0
	A12.0
	A14.0
	A15.2
	A15.3
	A16.1
	A16.2
	A16.3
	A24.1
	A24.3
	A28.0
	A29.2
	A29.3
	A29.4
	A30.0
	B1.4
	B1.5
	B5.0
	B8.0
	B9.0 and B10.0
D1.0	
D3.0	
G1.2	
G1.4	
H1.1	

Information Request	Question Number
<b>Commercial Energy Consumers IR No. 2</b>	1.1
	1.3
	2.1
	2.2
	3.1
	3.2
	4.1
	4.2
	5.1
	5.2
	6.1
	6.2
	6.3
	7.1
	7.2
	7.3
<b>Commercial Energy Consumers IR No. 3</b>	1.1
	1.2
	2.1
	2.2
	3.1
	3.2
	4.1
	4.2
	5.1
	5.2
	6.1
	6.2
	6.3
	6.4
	7.1
	7.2
<b>Independent Power Producers of BC IR No. 2</b>	2.1
	4.1
	4.2
	5.1
	6.1
	6.2
	6.3
	7.1
	7.2
	7.3
	7.4

Information Request	Question Number
	7.5
	7.6
	7.7
	7.8
	7.9
	8.1
	8.2
	8.3
	9.2
	9.3
	9.4
	11.3
	12.1
	13.1
	13.2
	13.3
	13.4
	16.1
	18.3
	20.3
<b>Joint Industry Electricity Steering Committee IR No. 3</b>	24.0(b)
	27.0(a)
	27.0(b)
	27.0(c)
	28.0
	29.0(e)
<b>The Sierra Club IR No. 3</b>	2.0

## SCHEDULE B

### List of Errata – May 7, 2004

Title	Remove	Insert	Note
Volume I, Summary Table of Contents	Current version, pages i to xvi	Revision 3, pages i to xix	1
Volume I, Chapter 2	Revision 1, page 2-90	Revision 2, page 2-90	2
Volume I, Chapter 2	Original, page 2-94	Revision 1, page 2-94	3
Volume I, Chapter 9	Original, page 9-72	Revision 1, page 9-72	4
BCUC IR 1.5.10	Original, pages 1 to 5	Revision 1, pages 1 to 5	5
BCUC IR 1.18.3	Original, schedule 18-3-1 (2 pages)	Revision 1, schedule 18-3-1 (2 pages)	6
IPPBC IR 1.55.1	Original, pages 1 to 6	Revision 1, pages 1 to 6	7

Notes:

1. Clean up of Summary Table of Contents.
2. Replace with correct schedule; reclassified costs between “direct” and “support” as per BC Hydro’s response to BCUC IR 1.195.5.
3. Corrected values for “total Field Services consumption by account type” as Field Services does not distinguish between OMA and capital recoveries.
4. Corrected heading of schedule 9-6.
5. Corrected headcount for F2002 Actual (pages 2 and 4); corrected allocation of F2005 Plan budget between Line of Business Support – Operations and Maintenance, and General Administration – Other (net) (page 5).
6. Corrected value for “balance at end of year” for “additions net of retirements” for F2003.
7. Corrections per response to IR.

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## SCHEDULE D9

### Resource Usage - Field Services (\$ millions)

Line		F2003	F2004	F2005	F2006
		Actual	Forecast	Plan	Plan
<b>Operating, Maintenance, and Administration Expenses by Resource</b>					
	Labour				
1	Direct	\$93.5	\$97.0	\$94.7	\$96.3
2	Indirect	46.7	43.0	44.0	44.6
3	Materials	15.5	16.2	15.0	14.5
	Internal Services				
4	Engineering	0.2	0.5	0.5	0.5
5	Corporate Direct Charges	1.0	4.7	3.4	3.5
6	Other Internal Billings	-	0.6	0.4	0.4
7	External Services				
8	ABS	16.1	23.0	21.9	21.1
9	Other	76.9	74.7	96.9	97.8
10	Buildings & Equipment	3.1	4.3	3.9	3.9
11	Vehicles	1.8	1.8	1.1	0.6
12	Corporate Allocation	0.8	15.0	15.0	15.0
13	Less: Capitalized Overhead				
	Less: Recoveries				
14	Internal	(255.6)	(281.8)	(291.8)	(295.1)
15	External	(3.8)	(12.0)	(12.6)	(11.7)
16	Total OMA Expenses	<u>(\$3.8)</u>	<u>(\$13.0)</u>	<u>(\$7.6)</u>	<u>(\$8.6)</u>
<b>Operating, Maintenance, and Administration Expenses by Category</b>					
17	Direct	161.7	190.4	202.9	203.5
18	Support	93.1	75.4	78.9	79.7
19	Corporate Allocations	0.8	15.0	15.0	15.0
20	Less: Capitalized Overhead				
21	Less: Recoveries	(259.4)	(293.8)	(304.4)	(306.8)
22	Total OMA Expenses	<u>(\$3.8)</u>	<u>(\$13.0)</u>	<u>(\$7.6)</u>	<u>(\$8.6)</u>
<b>Capital Additions</b>					
23	Sustaining	16.9	24.9	22.5	21.4
24	Growth				
25	Deferred Capital				
26	Total Capital Additions	<u>\$16.9</u>	<u>\$24.9</u>	<u>\$22.5</u>	<u>\$21.4</u>
<b>Headcount</b>					
27	M&P	159	155	155	156
28	IBEW	1,125	1,166	1,152	1,145
29	OPEIU	284	286	287	286
30	Total Headcount	<u>1,568</u>	<u>1,607</u>	<u>1,594</u>	<u>1,587</u>

c

## SCHEDULE E3

### Summary of Field Services Service Charges (\$ millions)

<u>Line</u>	<u>Reference</u>	<u>F2003</u> Actual	<u>F2004</u> Forecast	<u>F2005</u> Plan	<u>F2006</u> Plan
<b>Total Field Services Consumption by Function</b>					
1	Corporate	\$0.7	\$1.8	\$1.8	\$1.8
2	Engineering Services	0.8	0.5	0.3	0.3
3	Field Services				
4	Electricity Trade				
5	Generation	23.1	18.9	20.4	20.7
6	Transmission	92.8	107.0	101.0	100.0
7	Energy Portfolio Management				
8	Distribution	132.6	153.6	168.3	172.3
9	Customer Care				
10	Power Smart				
11	Other Internal	5.6	-	-	-
12	Total Internal OMA Recoveries	<u>\$255.6</u>	<u>\$281.8</u>	<u>\$291.8</u>	<u>\$295.1</u>
<b>Total Field Services Consumption by Account Type</b>					
13	Less Services Charged to OMA *	\$255.6	\$281.8	\$291.8	\$295.1
14	Less Services Charged to Capital				
15	Total Internal OMA Recoveries	<u>\$255.6</u>	<u>\$281.8</u>	<u>\$291.8</u>	<u>\$295.1</u>

\* FS does not distinguish between OMA/CAP recoveries

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**Schedule 9-5  
IBEW Local 258 Hourly Wage Comparison  
BC Hydro vs. Master Line Agreement  
Prepared November 2003**

	BC Hydro	BC Hydro	Contractor
Effective Date	April 1, 2002 Regular	April 1, 2002 Temporary (CBU)	August 2002 Temporary
Hourly Rate	\$28.77	\$29.05	\$35.64
Concessions & Base Benefits	11.75	7.76	9.17
<b>Total</b>	<b>\$40.52</b>	<b>\$36.81</b>	<b>\$44.81</b>

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Notes:

1. BC Hydro/IBEW 258 Agreement expires 31 March 2005 with potential increases April 1, 2004 based on a provision for a wage survey of relevant comparative companies in January 2004 to determine whether market adjustments are warranted.
2. Master Line/IBEW 258 Agreement expires 31 January 2004
3. Some work terms more favourable under Master Line Agreement relative to BC Hydro Regulars but are comparable to BC Hydro Temporary terms.
4. BC Hydro totals do not include allowance for gain sharing which can be as high as 4% dependent upon the corporation's performance. Information related to contractors outside the published collective agreement is not available.

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**Schedule 9-6  
Emergency Response and Restoration  
IBEW Local 258 Wage Comparison  
Power Line Technician (PLT)**

**Prepared November 2003**

	BC Hydro	BC Hydro	Contractor PLT	Contractor
		(CBU)		Sub-Foreman
Effective Date	April 1, 2002 Regular	April 1, 2002 Temporary	August 2002 Temporary	August 2002 Temporary
Regular Hourly Rate	\$94.25	\$58.10	\$74.54	\$79.86
Overtime Hourly Rate	105.92	87.15	125.97	136.43

**5.0 Reference: Application, Volume I, Chapter 5, Heritage Contract**

1.5.10 Page 5-6, Table 5-5: Classify labour expenses per Schedule D1-1 (page 2-79), and extend Table 5-5 back to F2001.

**RESPONSE:**

The table below shows BC Hydro Generation labour costs and headcount by organization (Key Business Unit) for F2001 through F2006 on the basis of the organization that existed or is planned to exist at the time. Direct labour is labour charged to Operations and Maintenance as defined in the year reported. Indirect labour is labour charged to General and Administration as defined in the year reported.

The headcount for F2003 of 719 shown in Schedule D1-1, Chapter 2, Page 2-79 excludes 41 employees on paid and unpaid leave of absence. The headcount for F2004, F2005 and F2006 shown in Schedule D1-1 includes employees on leave. The headcount for F2003 in Schedule D1-1 restated to include employees on leave is as follows:

<b>M&amp;P</b>	<b>222</b>
<b>IBEW</b>	<b>321</b>
<b>OPEIU</b>	<b><u>217</u></b>
<b>Total Headcount</b>	<b>760</b>

### Labour and Headcount - Organizational View

ORGANIZATION	F2001 Actual				F2002 Actual				F2003 Actual				F2004 Forecast				F2005 Plan				F2006 Plan			
	\$M		Headcount		\$M		Headcount		\$M		Headcount		\$M		Headcount		\$M		Headcount		\$M		Headcount	
	Direct	Indirect	Total	Headcount	Direct	Indirect	Total	Headcount	Direct	Indirect	Total	Headcount	Direct	Indirect	Total	Headcount	Direct	Indirect	Total	Headcount	Direct	Indirect	Total	Headcount
Peace Region	7.9	-	7.9	95	5.9	2.3	8.2	97	5.4	1.5	6.9	94	6.1	1.5	7.7	100	7.1	1.5	8.6	100	7.2	1.4	8.7	101
Columbia Region	10.9	-	10.9	149	8.0	2.7	10.7	149	7.5	2.0	9.5	142	8.9	2.3	11.1	143	9.1	2.9	12.1	142	9.3	2.8	12.2	140
Coastal Region	23.5	0.0	23.5	246	15.0	7.4	22.4	291	13.8	6.5	20.4	284	18.5	3.4	21.9	228	16.7	4.7	21.4	224	17.1	4.5	21.6	224
Total Regions	42.3	0.0	42.3	490	28.9	12.4	41.3	537	26.8	10.0	36.8	520	33.6	7.1	40.7	471	33.0	9.1	42.0	466	33.7	8.8	42.5	465
Engineering Services	(4.0)	-	(4.0)	242	5.0	3.9	8.9	232																
Resource Management	8.1	0.3	8.4	84	6.1	2.5	8.6	76	5.4	2.6	8.0	73												
Business Integration	0.2	-	0.2	-	-	0.2	0.2	-																
Operations & Energy Purchasing													5.6	1.0	6.6	65	6.6	0.6	7.1	63	7.0	0.6	7.6	64
Dam Safety	4.0	-	4.0	5	0.4	0.1	0.5	5	1.4	0.6	2.0	19	1.8	0.6	2.4	21	2.0	0.5	2.5	22	2.0	0.5	2.5	21
Sustainability/Aboriginal Relations													-	3.9	3.9	57	-	4.5	4.5	53	-	4.4	4.4	52
Aboriginal Relations																								
Strategic Projects									0.1	0.5	0.5	-												
Strategic Asset Management									-	2.3	2.3	29												
Business Development													-	2.3	2.3	15	-	2.3	2.3	15	-	2.2	2.2	15
Subtotal	12.4	0.3	12.6	890	6.4	2.9	9.3	810	6.9	5.9	12.8	1400	7.4	7.8	15.2	158	8.6	7.8	16.4	153	9.1	7.6	16.7	152
Controller's Office	1.1	0.9	1.9	76	0.2	4.9	5.0	80	0.0	2.3	2.3	32	-	4.9	4.9	55	-	4.6	4.6	52	-	4.5	4.5	50
Human Resources	0.7	(0.0)	0.7	10	0.0	0.7	0.7	7	0.0	0.7	0.7	7	-	0.8	0.8	7	-	1.1	1.1	7	-	1.0	1.0	7
Other	1.2	1.5	2.6	21	0.3	2.7	2.9	59	5.2	2.8	7.9	61	-	4.1	4.1	65	1.9	1.9	3.8	57	2.0	2.1	4.1	53
Total Line of Business Support	3.0	2.3	5.3	107	0.4	8.2	8.7	146	5.2	5.7	10.9	100	-	9.9	9.9	127	1.9	7.6	9.5	116	2.0	7.7	9.7	110
Total BC Hydro Generation																								
Labour Costs and Headcount	53.6	2.6	56.2	928	40.8	27.4	68.2	996	38.9	21.7	60.5	760	40.9	24.8	65.8	756	43.4	24.5	67.9	735	44.7	24.1	68.8	727
Change in Headcount from Previous Year - Increase (Decrease)								68				(236)				(4)				(21)				(8)

**F2002 - 68 increase in headcount**

**Coastal Region includes Bridge Coastal, Thermal Generation, Safety, and Technical Services staff. Approximately half of the staff increase relates to the return of Burrard Generating Station to six-unit operation. The remaining increase was due to increases in Environment and Technical Services support staff and workload increases across the region. Engineering Services reductions were primarily due to internal transfers. "Other" increased due to additional strategic workforce employees.**

**F2003 - 236 decrease in headcount**

**The decrease was primarily due to the creation of a separate Engineering Services business unit outside of BC Hydro Generation, although a number of engineers were transferred to Dam Safety and Strategic Asset Management.**

**F2004 - 4 decrease in headcount**

**The changes in headcount are primarily due to internal reorganization.**

**F2005 - 21 decrease in headcount**

**The decrease is primarily due to anticipated retirements, which reduce the number of employees on pre-retirement leave reported in "Other".**

**The following tables present BC Hydro Generation OMA expenses and headcount by organization (Key Business Units) for F2001 through F2006 on the basis of the organization that existed or is planned to exist at the time. Differences year to year reflect transfers and accounting model changes. These tables do not include the Corporate Allocations shown in Schedule D1-1, Chapter 2, Page 2-79 and thus the Total BC Hydro Generation Operating Costs on these tables differ from the Total OMA Expenses in Schedule D1-1 by this amount.**

**In F2001 Operations, Maintenance and Administration cost classifications were generally based on Work Account Codes. Engineering Services was a profit centre and had a net over-recovery of costs.**

**In F2002 with the implementation of Activity Based Costing the Operations, Maintenance and Administration classifications were eliminated and replaced with one OMA number. A new accounting model eliminated cross charging by Non-Service organizations including Power Supply Engineering.**

**In F2003 saw Power Supply Engineering became part of the Engineering Services Service Organization.**

### Operating Costs and Headcount - Organizational View

ORGANIZATION	F2001 Actual		F2002 Actual		F2003 Actual		F2004 Forecast		F2005 Plan		F2006 Plan	
	\$Millions	Headcount	\$Millions	Headcount	\$Millions	Headcount	\$Millions	Headcount	\$Millions	Headcount	\$Millions	Headcount
Peace Region	13.4	95	13.8	97	12.7	94	13.2	100	14.2	100	14.4	101
Columbia Region	19.2	149	18.0	149	18.9	142	19.7	143	23.9	142	24.2	140
Coastal Region	47.7	246	55.4	291	48.2	284	40.5	228	39.7	224	40.0	224
<b>Total Regions</b>	<b>80.3</b>	<b>490</b>	<b>87.3</b>	<b>537</b>	<b>79.8</b>	<b>520</b>	<b>73.4</b>	<b>471</b>	<b>77.8</b>	<b>466</b>	<b>78.6</b>	<b>465</b>
Engineering Services	(1.5)	242	12.1	232								
Resource Management	15.3	84	20.3	76	13.4	73						
Business Integration	0.4	-	0.5	-								
Operations & Energy Purchasing							13.3	65	12.6	63	13.1	64
Dam Safety	5.6	5	1.6	5	4.5	19	4.2	21	4.3	22	4.3	21
Sustainability/Aboriginal Relations							7.9	57	6.8	53	6.6	52
Aboriginal Relations							-	-	-	-	-	-
Strategic Projects					1.0	-						
Strategic Asset Management					5.5	29						
Business Development							3.4	15	2.8	15	2.8	15
<b>Subtotal</b>	<b>21.3</b>	<b>89.0</b>	<b>22.5</b>	<b>81.0</b>	<b>24.3</b>	<b>140.0</b>	<b>28.8</b>	<b>158</b>	<b>26.5</b>	<b>153</b>	<b>26.8</b>	<b>152</b>
Controller's Office	5.2	76	8.6	80	2.7	32	7.6	55	7.9	52	7.6	50
Human Resources	1.3	10	0.9	7	1.2	7	1.1	7	1.3	7	1.3	7
Other	7.0	21	0.1	59	11.4	61	15.1	65	11.9	57	11.7	53
<b>Total Line of Business Support</b>	<b>13.5</b>	<b>107</b>	<b>9.7</b>	<b>146</b>	<b>15.4</b>	<b>100</b>	<b>23.8</b>	<b>127</b>	<b>21.1</b>	<b>116</b>	<b>20.6</b>	<b>110</b>
<b>Total BC Hydro Generation</b>	<b>113.5</b>	<b>928</b>	<b>131.6</b>	<b>996</b>	<b>119.5</b>	<b>760</b>	<b>126.0</b>	<b>756</b>	<b>125.4</b>	<b>735</b>	<b>126.0</b>	<b>727</b>
<b>OPERATING COSTS</b>	<b>113.5</b>	<b>928</b>	<b>131.6</b>	<b>996</b>	<b>119.5</b>	<b>760</b>	<b>126.0</b>	<b>756</b>	<b>125.4</b>	<b>735</b>	<b>126.0</b>	<b>727</b>
<b>RESOURCE MANAGEMENT</b>	<b>15.3</b>	<b>84</b>	<b>20.3</b>	<b>76</b>	<b>13.4</b>	<b>73</b>						
<b>OPERATIONS &amp; ENERGY PURCHASES</b>												
Operations and Maintenance												
Real Time Operations							2.3	14	2.1	14	2.1	14
Operations Planning							4.2	28	4.0	27	4.4	28
Hydrology							3.5	16	3.3	16	3.4	16
General and Administration												
Environmental Program							0.4	2	0.4	2	0.4	2
Information Technology							2.9	5	2.8	4	2.8	4
<b>Total Operating Costs</b>	<b>13.3</b>	<b>65</b>	<b>12.6</b>	<b>63</b>	<b>13.1</b>	<b>64</b>	<b>13.3</b>	<b>65</b>	<b>12.6</b>	<b>63</b>	<b>13.1</b>	<b>64</b>
<b>ENGINEERING SERVICES</b>	<b>(1.5)</b>	<b>242</b>	<b>12.1</b>	<b>232</b>								
<b>BUSINESS INTEGRATION</b>	<b>0.4</b>	<b>-</b>	<b>0.5</b>	<b>-</b>								
<b>STRATEGIC PROJECTS</b>					1.0	-						
<b>STRATEGIC ASSET MANAGEMENT</b>					5.5	29						
<b>BUSINESS DEVELOPMENT and ASSET MANAGEMENT</b>												
General and Administration												
Planning Generating Systems							3.4	15	2.8	15	2.8	15
<b>REGIONAL FACILITIES</b>												
Operations (O)												
Peace Region	5.0	N/A	2.3	N/A	1.0	N/A	0.5	6	0.5	6	0.5	6
Columbia Region	5.1	N/A	3.9	N/A	5.9	N/A	1.4	7	1.3	7	1.3	7
Coastal Region	19.1	N/A	9.0	N/A	10.3	N/A	6.3	47	6.2	47	6.4	47
<b>Sutotal (O)</b>	<b>29.2</b>	<b>N/A</b>	<b>15.2</b>	<b>N/A</b>	<b>17.3</b>	<b>N/A</b>	<b>8.2</b>	<b>60</b>	<b>8.0</b>	<b>60</b>	<b>8.2</b>	<b>60</b>
Maintenance (M)												
Peace Region	8.3	N/A	7.2	N/A	9.7	N/A	10.5	77	10.8	77	11.1	78
Columbia Region	14.1	N/A	8.7	N/A	8.9	N/A	11.3	107	15.4	106	15.8	105
Coastal Region	28.6	N/A	28.9	N/A	22.8	N/A	23.2	131	22.6	131	23.0	136
<b>Sutotal (M)</b>	<b>51.0</b>	<b>N/A</b>	<b>44.8</b>	<b>N/A</b>	<b>41.4</b>	<b>N/A</b>	<b>45.0</b>	<b>315</b>	<b>48.8</b>	<b>314</b>	<b>49.9</b>	<b>319</b>
General and Administration												
Peace Region	0.1	N/A	4.4	N/A	2.0	N/A	2.2	17	2.9	17	2.8	17
Columbia Region	0.0	N/A	5.4	N/A	4.0	N/A	7.0	29	7.2	29	7.1	28
Coastal Region	0.0	N/A	17.5	N/A	15.1	N/A	11.0	50	10.9	46	10.6	41
<b>Subtotal General and Administration</b>	<b>0.1</b>	<b>N/A</b>	<b>27.3</b>	<b>N/A</b>	<b>21.1</b>	<b>N/A</b>	<b>20.2</b>	<b>96</b>	<b>21.0</b>	<b>92</b>	<b>20.5</b>	<b>86</b>
<b>Total Operating Costs</b>	<b>80.3</b>	<b>490</b>	<b>87.3</b>	<b>539</b>	<b>79.8</b>	<b>520</b>	<b>73.4</b>	<b>471</b>	<b>77.8</b>	<b>466</b>	<b>78.6</b>	<b>465</b>

British Columbia Hydro & Power Authority Revenue Requirements  
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	F2001 Actual		F2002 Actual		F2003 Actual		F2004 Forecast		F2005 Plan		F2006 Plan	
	\$Millions	Headcount	\$Millions	Headcount	\$Millions	Headcount	\$Millions	Headcount	\$Millions	Headcount	\$Millions	Headcount
<b>DAM SAFETY</b>												
Operations and Maintenance	N/A	N/A	N/A	N/A	N/A	N/A	2.1	11	2.4	12	2.4	12
Surveillance	N/A	N/A	N/A	N/A	N/A	N/A	1.2	5	1.1	5	1.1	5
Risk Management	5.6	5	1.4	5	3.1	19	3.3	16	3.5	17	3.5	17
General and Administration	-	-	0.2	-	1.4	N/A	0.9	5	0.8	5	0.8	4
<b>Total Operating Costs</b>	<b>5.6</b>	<b>5</b>	<b>1.6</b>	<b>5</b>	<b>4.5</b>	<b>19</b>	<b>4.2</b>	<b>21</b>	<b>4.3</b>	<b>22</b>	<b>4.3</b>	<b>21</b>
<b>SUSTAINABILITY and ABORIGINAL RELATIONS</b>												
General and Administration												
First Nations							1.5	22	1.4	21	1.3	21
Public Use Areas							1.4	3	1.4	3	1.4	3
Environmental Impact Management							2.2	7	1.7	8	1.7	8
Reg Ref & Strategic Issues							2.8	20	2.3	20	2.2	20
Water Use Planning							-	5	-	1	-	-
<b>Total Operating Costs</b>							<b>7.9</b>	<b>57</b>	<b>6.8</b>	<b>53</b>	<b>6.6</b>	<b>52</b>
<b>LINE of BUSINESS SUPPORT</b>												
Operations and Maintenance	-	-	1.4	-	7.9	-	1.2		2.5		2.6	
General and Administration												
Business Information Management	3.9	26	4.8	22			3.6	16	3.5	15	3.4	14
Financial Services	1.0	12	1.5	12	2.1	23	3.3	29	3.8	27	3.6	26
Records Support	0.3	38	1.5	46	0.6	9	0.7	10	0.6	10	0.6	10
Human Resources	1.3	10	0.9	7	1.2	7	1.1	7	1.3	7	1.3	7
ABS							9.0		9.4		8.7	
Other (net)	7.0	21	(0.5)	57	3.5	61	4.9	65	0.0	57	0.4	53
<b>Total Operating Costs</b>	<b>13.5</b>	<b>107</b>	<b>9.7</b>	<b>144</b>	<b>15.4</b>	<b>100</b>	<b>23.8</b>	<b>127</b>	<b>21.1</b>	<b>116</b>	<b>20.6</b>	<b>110</b>
<b>Total BC Hydro Generation</b>	<b>113.5</b>	<b>928</b>	<b>131.6</b>	<b>996</b>	<b>119.5</b>	<b>760</b>	<b>126.0</b>	<b>756</b>	<b>125.4</b>	<b>735</b>	<b>126.0</b>	<b>727</b>

**Capital Asset Continuity Schedule (Including Reclassifications)**  
For the Years ended March 31  
(in millions)

	F1993				F1994		F1995		F1996			F1997	
	Balance at End of Year	BC Tel Joint Pole Reclassification	Inter-category reclassifications	Restated Balance End of year	Additions net of Retirements	Balance at End of Year	Additions net of Retirements	Balance at End of Year	Split of L&B from Equip	Additions net of Retirements	Balance at End of Year	Additions net of Retirements	Balance at End of Year
<b>CAPITAL ASSETS IN SERVICE</b>													
Generation Hydro	4,901		(172)	4,729	98	4,827	11	4,838		41	4,879	29	4,908
Generation Thermal	215		(7)	208	4	212	4	216		43	259	23	282
Transmission Lines	2,383		140	2,523	28	2,551	103	2,654		14	2,668	(10)	2,658
Transformation/Substations	1,393		53	1,446	94	1,540	70	1,610		83	1,693	43	1,736
Distribution	1,993	(100)		1,893	203	2,096	194	2,290		214	2,504	109	2,613
Service Vehicles	80			80	4	84	7	91		3	94	-	94
Land & Buildings	822		(14)	808	(13)	795	(2)	793	(401)	27	419	(1)	418
Equipment & Computers				-		-		-	401		401	38	439
Other	39			39	-	39	1	40		-	40	-	40
Balance at end of year	11,826	(100)	-	11,726	418	12,144	388	12,532	-	425	12,957	231	13,189
Total Additions during Year					443		448			482		328	
Total Retirements during Year					(25)		(60)			(57)		(97)	
Total Net Change from Previous Year					418		388			425		231	

Notes:

1. The Balance at Year End F1993 reflects the presentation in the February 11, 1994 revenue requirement application. The \$100 million restatement is made effective F1994 for t
2. The Balance at Year End F1994 to F2003 have been restated to reflect the presentation in the F2003.
3. Land & Buildings included Equipment & Computers until F1996.
4. The inter-category reclassification shown in F1993 is the retroactive impact of reclassifications made in F1998 based on a review of generating facility assets.

**Capital Asset Continuity Schedule (Includ**  
**For the Years ended March 31**  
**(in millions)**

	F1998		F1999		F2000		F2001		F2002		F2003	
	Additions net of Retirements	Balance at End of Year	Additions net of Retirements	Balance at End of Year	Additions net of Retirements	Balance at End of Year	Additions net of Retirements	Balance at End of Year	Additions net of Retirements	Balance at End of Year	Additions net of Retirements	Balance at End of Year
<b>CAPITAL ASSETS IN SERVICE</b>												
Generation Hydro	24	4,932	17	4,949	134	5,083	22	5,105	37	5,142	51	5,193
Generation Thermal	18	300	(9)	291	84	375	(6)	369	30	399	26	425
Transmission Lines	9	2,667	7	2,674	30	2,704	5	2,709	31	2,740	49	2,789
Transformation/Substations	38	1,774	34	1,808	26	1,834	28	1,862	23	1,885	32	1,917
Distribution	132	2,745	149	2,894	110	3,004	138	3,142	116	3,258	137	3,395
Service Vehicles	(2)	92	8	100	9	109	5	114	3	117	7	124
Land & Buildings	(2)	416		416		416	15	431	1	432	(8)	424
Equipment & Computers	(20)	419	23	442	55	497	66	563	44	607	37	644
Other	(12)	28	-	28	-	28	-	28	-	28	1	29
Balance at end of year	185	13,373	229	13,602	448	14,050	273	14,323	285	14,608	332	14,940
Total Additions during Year	268		274		498		361		351		473	
Total Retirements during Year	(83)		(45)		(50)		(88)		(66)		(141)	
Total Net Change from Previous Year	185		229		448		273		285		332	

the purpose of this schedule.

**55.0 Reference: Application, Volume 1, Chapter 4, p.27 (Table 4-11)**

1.55.1 Please provide Table 4-11 on a monthly basis for F2004, F2005 and F2006.

**RESPONSE:**

**The tables in this revised response reflect updated information on energy supply volumes for Energy Purchase Agreements Contracted before F2001. Specifically, the volumes have been changed to reflect the actual generation volumes for the period of April to September 2003 as well as revisions to the monthly forecast values for the remainder of F2004 and the monthly values for F2005 and F2006. The yearly totals have not changed.**







### Yearly Totals:

(GWh)	F2004	F2005	F2006
<b>Energy Requirements before Power Smart (Note 1):</b>			
Reference Load Forecast before Power Smart	54,563	55,375	56,180
High Forecast before Power Smart	54,856	55,904	56,912
Low Forecast before Power Smart	54,278	54,859	55,442
<b>Energy Requirements with Power Smart (Note 2):</b>			
Reference Load Forecast with Power Smart	54,282	54,447	54,805
High Forecast with Power Smart	54,574	54,975	55,534
Low Forecast with Power Smart	53,997	53,929	54,065
Reduction in Energy Requirements due to Power Smart	280	928	1,375
<b>Supply</b>			
<b>Heritage Resources:</b>			
Heritage Hydro (Note 3)	42,958	45,432	46,253
Heritage Thermal (Note 4)	91	102	41
Market Purchases (Note 4)	4,930	2,316	1,506
<b>Total Heritage Resources</b>	<b>47,979</b>	<b>47,850</b>	<b>47,800</b>
Committed New Resource Smart (Note 5)			
<b>Purchases (Note 6):</b>			
Energy Purchase Agreements Contracted before F2001	5,804	5,655	5,938
2000 Expression of Interest for Green Energy	33	149	149
2001 Green Energy Call	197	510	588
2002 Customer Based Generation	195	264	266
2002 Green Power Generation	-	14	53
Planned New Resource Smart (Note 7)	-	-	-
Vancouver Island Call for Tender (Note 8)	-	-	-
<b>Total Purchases</b>	<b>6,230</b>	<b>6,592</b>	<b>6,994</b>
<b>Total Supply</b>	<b>54,209</b>	<b>54,442</b>	<b>54,794</b>
<b>Energy Balance: Supply less Forecast Demand before Power Smart</b>			
	<b>(354)</b>	<b>(933)</b>	<b>(1,386)</b>
Energy Balance Based on High Forecast	(647)	(1,462)	(2,118)
Energy Balance Based on Low Forecast	(69)	(417)	(648)
<b>Energy Balance: Supply less Reference Forecast with Power Smart (Note 9)</b>			
	<b>(73)</b>	<b>(5)</b>	<b>(11)</b>
Energy Balance Based on High Forecast	(365)	(533)	(740)
Energy Balance Based on Low Forecast	212	513	729

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Notes:

- (1) Energy load forecast is total integrated system gross requirement which includes losses but excludes load in the non-integrated areas
- (2) Energy savings achieved by Power Smart prior to F2004 are included in the Forecast Before Power Smart
- (3) Net adjusted Hydro
- (4) Most cost effective of Market Purchases and/or Heritage Thermal. Fort Nelson is not included in this table as it is not part of the integrated system.
- (5) These are projects that have financial approval. Totals are cumulative starting in F2004.
- (6) 2000 and 2001 Green Call and 2002 Customer Based Generation Call: some are in-service; most are under development
- (7) These are projects that are planned but need financial approval. Totals are cumulative starting in F2004.
- (8) Minimum is 1200 GWh and maximum is 2100 GWh
- (9) Minor differences due to: F2004 Reconciling of generation load data, F2005/F2006 cancellation of 2 small IPP projects (Revelstoke, McKelvie)  
Some columns may not add due to rounding  
High and Low load forecast are not available monthly  
Monthly Load forecast are from Oct Load Forecast
- (10) The perceived energy imbalance between April 2004 and October 2004 is primarily due to the timing difference between when load is consumed and when it is billed