



2005 Revenue Requirements

8. Revenue Requirement

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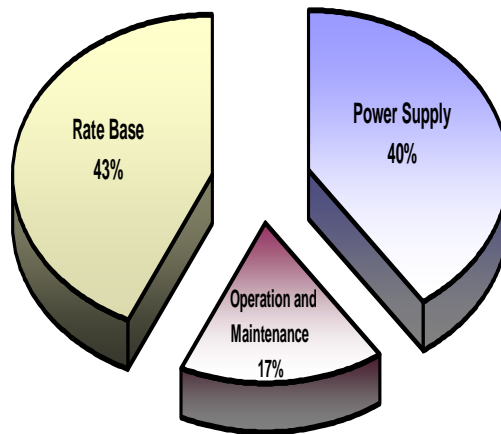
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Introduction

1
2 FortisBC is applying to the Commission to approve a revenue requirement that yields the
3 Company the opportunity to earn fair and reasonable compensation for the services required
4 by its customers. This Tab examines FortisBC's 2005 Revenue Requirement and provides
5 supporting financial detail.

6
7 Revenue Requirement is the sum of all costs of providing service to customers. For the
8 purposes of this Application these costs have been divided into (1) costs related to acquiring
9 energy resource for customers, known as **Power Supply** costs, (2) **Operation and**
10 **Maintenance** costs, (3) those costs related to the Company's investment in **Rate Base**, and
11 (4) the impact of **Incentive Adjustments** related to Performance Based Regulation.

12
13 The graph below provides an overview of the components of revenue requirements.
14



Note: For presentation purposes, Incentive Adjustments have been included in Operation and Maintenance

15
16 Table 8.0 compares the Revenue Requirement for 2004 as approved Commission Order G-
17 38-04, with the Revenue Requirement requested in this Application. As is apparent from the
18 table, each of the major components has increased beyond approved levels. The increase in
19 cost, totaling \$14.462 million, is partially offset by increased sales revenue associated with

- 1 higher sales volumes. The resulting net revenue deficiency of \$7.754 million necessitates a
 2 rate increase of 4.4 percent effective January 1, 2005.
 3
 4 Each component of the Revenue Requirement is discussed in turn below.

Table 8.0
Revenue Requirement Analysis
(\$000)

	<u>Approved 2004</u>	<u>Requested 2005</u>	<u>Increase</u>	<u>Reference Tab 8 Section</u>
1 COST CATEGORY				
2				
3 POWER SUPPLY				
4 Power Purchases & Wheeling	65,188	66,522		1.1
5 Water Fees	<u>7,328</u>	<u>7,741</u>		1.2
6	72,516	74,263	1,747	
7				
8 OPERATION AND MAINTENANCE				
9 O&M Expense	32,845	36,293		2
10 Other Income	<u>(3,861)</u>	<u>(3,785)</u>		2
11	28,984	32,508	3,524	
12				
13 RATE BASE				
14 Cost of Debt	22,157	23,253		3.1
15 Cost of Equity	19,638	22,779		3.2
16 Income Taxes	6,134	6,972		3.4
17 Property Tax	9,820	10,850		3.6
18 Depreciation	16,805	18,766		3.7
19 AFUDC	<u>(3,098)</u>	<u>(3,102)</u>		3.8
20	71,456	79,518	8,062	
21				
22 INCENTIVE ADJUSTMENTS	<u>(3,030)</u>	<u>(1,901)</u>	1,129	4
23				
24 TOTAL REVENUE REQUIREMENT	<u>169,926</u>	<u>184,388</u>	<u>14,462</u>	
25				
26 Less: REVENUE AT APPROVED RATES		<u>(176,634)</u>		
27 REVENUE DEFICIENCY		<u>7,754</u>		
28				
29 RATE INCREASE		4.4%		

1. Power Supply

1 Power Supply cost is composed of (1) power purchase expense, (2) wheeling expense and (3)
2 provincial water fees.

3

4 1.1 Power Purchases and Wheeling

5 The forecast 2005 increase in Power Supply costs beyond 2004 approved revenue
6 requirement is \$1.747 million. Energy sales are forecast to increase by 109 GW.h in
7 2005 beyond those provided for in 2004 rates. This results in increased revenues
8 which partially offsets the increased costs.

9

10 An increase in volume of 109 GW.h would ordinarily have resulted in a much larger
11 increase in Power Purchase expense. However, forecast 2005 Power Supply costs are
12 reduced primarily by (1) the return to customers, on a flow through basis, of the
13 difference between forecast and actual 2004 costs under the Brilliant Power Purchase
14 Agreement, (2) a return to customers of the reduced cost of supply from BC Hydro
15 resulting from a decrease in their rates in 2004 and (3) the anticipated successful
16 negotiations with BC Hydro related to the Canal Plant Agreement, which are forecast
17 to result in higher entitlements for FortisBC's generating plants in the amount of 28
18 GW.h.

19

20 These three factors are explained in detail in the Power Purchase and Wheeling Forecast at
21 Tab 7.3. Power purchase and wheeling expenses are summarized in Table 8.1.1.

22

Table 8.1.1
Actual and Forecast Power Purchase and Wheeling Expense
(\$000s)

	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>
1 Power Purchase Expense	52,261	58,436	60,389	62,644
2 Wheeling Expense	3,996	3,727	3,785	3,878
3 Total Power Purchase & Wheeling	<u>56,257</u>	<u>62,163</u>	<u>64,174</u>	<u>66,522</u>

23

1

2 **1.2 Water Fees**

3 Water Fees are assessed by the provincial government and are based on the value of
 4 FortisBC's generation entitlements from the previous year. The rates and charges
 5 assessed are calculated based on the schedule and fees in the Water Act, and escalate
 6 with changes in BC Hydro rates. Table 8.1.2 provides a summary of Water Fees for
 7 forecast 2004 and forecast 2005. The 2005 rates reflect a 4.85 percent increase in BC
 8 Hydro's 2004 rates and an expected 20 GW.h adjustment to the 2004 entitlement
 9 resulting from the tentative Canal Plant Agreement Entitlement Adjustment
 10 Agreement.

Table 8.1.2
Forecast Water Fees

	Rates 2004	Rates 2005
1 Total GW.h Generated (Prior Year)	1,518.39	1,503.50
2 Total Capacity	184.75	207.73
3 First 250 GW.h (mills/kW.h)	2.417	2.534
4 Remaining Energy (mills/kW.h)	4.835	5.069
5 Capacity (\$/kW-year)	3.453	3.624
6		
7		
	Forecast 2004 (\$000s)	Forecast 2005 (\$000s)
8		
9 First 250 GW.h	604	634
10 Remaining GW.h	6,134	6,354
11 Capacity	638	753
12	7,376	7,741

2. Operation and Maintenance

1

2 In this Section each component of Operation and Maintenance (“O&M”) expense will be
3 explained in detail. Continuity schedules are provided from 2002 to 2005, on an “as spent”
4 and inflation-adjusted basis.

5

6 Table 8.2 A shows the Company’s O&M Expense by function.

Table 8.2 A
O&M Expense
(\$000s)

	Actual 2002	Actual 2003	Actual 2004	Forecast 2005	Increase 2005 vs 2002
1 Generation	1,668	1,760	1,690	1,860	11.5%
2 Power Supply	593	690	651	661	11.5%
3 Transmission & Distribution	9,963	10,184	10,607	12,034	20.8%
4 Customer Service	4,711	3,761	4,827	5,599	18.8%
5 Administration & General	15,157	13,667	17,216	16,139	6.5%
6 Total O&M Expenses	32,092	30,062	34,991	36,293	13.1%

7

Notes:

8

1. *Functional groupings conform to the Uniform System of Accounts for Electric Utilities, as amended for FortisBC by certain BCUC Orders.*

9

10

2. *The values presented in this table represent a revision of similar information previously filed. No changes occur in Total O&M Expenses, however a comprehensive review resulted in the reclassification of expenses between functions. These reclassifications were mainly items of expense that had been captured in the Administration and General category but properly belong under various operating functions.*

11

12

13

14

3. *2004 Administration and General expense includes \$1.4 million in severance costs related to the change in ownership.*

15

4. *2004 and 2005 Transmission and Distribution costs include Brilliant Terminal Station rental fees.*

16

17

Total O&M expense is forecast to be \$36.3 million in 2005. This represents a \$4.2 million, or

18

13.1 percent, forecast increase over actual O&M expense for 2002. However, on a per-

19

customer basis, and adjusted for inflation, O&M expenses have remained stable, as

20

demonstrated in Table 8.2 B. The 2005 O&M expense forecast represents the prudent

21

operating requirements of the utility. The components and underlying drivers of increases in

22

O&M expense are addressed throughout the remainder of this section.

23

Table 8.2 B					
O&M Expense per Customer					
	Actual	Actual	Forecast	Forecast	Increase
	2002	2003	2004	2005	(Decrease)
	2005 vs 2002				
O&M Expense (\$000)	32,093	30,062	34,991	36,293	13.1%
Average Number of Customers	89,890	91,736	93,953	96,267	7.0%
Expense per Customer (\$)					
Nominal	357	328	372	377	5.7%
Inflation-adjusted (BC CPI) (2002 = 100)	357	321	356	354	(- 0.7%)

2.1 Generation Expense

FortisBC owns, operates and maintains four hydroelectric generation plants, which produce approximately 50 percent of the energy and 34 percent of the capacity necessary to meet existing customer demand. The low embedded cost of power from these generating facilities is a significant benefit to FortisBC customers.

Table 8.2.1					
Generation Expense					
(\$000s)					
	2002	2003	2004	2005	Increase
	2005 vs 2002				
Actual Expense	1,668	1,760	1,690	1,860	11.5%
Inflation – Adjusted (CPI BC)	1,668	1,723	1,617	1,747	4.8%

As shown in Table 8.2.1, generation O&M expense for 2005 is forecast at \$1.9 million, an increase of \$0.2 million, or 11.5 percent, over the three year period. On an inflation-adjusted basis, the increase is 4.8 percent.

Generation O&M expense consist primarily of the costs to operate and maintain equipment. The Company's generating facilities range to 60 or more years of age, and the O&M requirements reflect this vintage. An unplanned forced outage due to equipment failure has the potential to attract incremental costs for replacement power at high and potentially volatile rates. A catastrophic failure at any of the plants would have material financial impact and possibly environmental consequences. The operation and maintenance of this aging generation infrastructure will continue to

1 challenge the Company over the next six years as the Life Extension and Upgrade
2 program (described at Tab 9 of this Application) is concluded.

3

4 Power generation operations have experienced significant increased requirements to
5 comply with current dam safety, workplace safety and environmental requirements.
6 Examples are dam integrity monitoring and reporting, potable water regulations, oil
7 spill containment measures and training and a continued increase in our involvement
8 with fisheries related issues in the Kootenay and Columbia River systems.

9

10 **2.2 System Control and Power Supply**

11 The Power Supply group is responsible for acquiring and aggregating the electricity
12 necessary to serve customer load and for optimizing the availability and reliability of
13 power supply on a real-time, hour-by-hour basis. Duties include monitoring water
14 levels and generation output, negotiating commercial arrangements required on an
15 hour-by-hour basis to meet customer load, monitoring electrical voltages and flows
16 on the FortisBC system, and taking preventive or corrective action to minimize the
17 number and duration of customer outages. This group also manages the System
18 Control Centre which is a 24x7 operation that remotely controls the Generation,
19 Transmission and Distribution Systems.

20

Table 8.2.2
System Control and Power Supply Expense
(\$000s)

		2002	2003	2004	2005	Increase 2005 vs 2002
1	Actual Expense	593	690	651	661	11.5%
2	Inflation – Adjusted (CPI BC)	593	676	623	621	4.7%

21

22 As shown in Table 8.2.2, the inflation-adjusted increase is modest. These additional
23 funds are directed towards two key areas: the assumption of centralized distribution
24 system monitoring and control activities, and an increased workload resulting from
25 FortisBC's participation in real time power markets. The latter activity requires
26 additional monitoring, reporting and controls in order to achieve an optimal mix of
27 power resources, and hence reduced power purchase costs.

28

2.3 Transmission & Distribution

The Transmission and Distribution function is responsible for the safe and reliable delivery of electricity to customers.

As shown in Table 8.2.3, Transmission and Distribution operating expenses are forecast to increase by \$2.1 million, or 20.8 percent, compared to 2002 expenses. The forecast increased costs are associated with a focus on safety, reliability, customer service and sustainable practices. Specific important categories are described below.

	2002	2003	2004	2005	Increase 05 vs 02
Actual Expense	9,963	10,184	10,607	12,034	20.8%
Inflation – Adjusted (CPI BC)	9,963	9,973	10,151	11,035	10.8%

The Transmission and Distribution department’s primary responsibility is to keep the lights on. They are responsible for patrolling the lines, performing minor maintenance and responding to outages on these lines. They are also responsible for construction and maintenance of substations, transmission and distribution lines and connecting new customers.

Line Maintenance

To mitigate declines in reliability associated with aging lines, expenditures in this category are expected to increase slightly. Upgrades of both the Transmission and Distribution network, as outlined in the *2005 - 2024 System Development Plan* (“System Development Plan”), will mitigate upward cost pressures over time. The upgrades will also increase customer reliability and reduce safety concerns.

FortisBC, along with utilities throughout the industry, faces the challenge of an aging workforce in the utility trades. Approximately 30 percent of the Company’s line forces will be eligible for retirement within the next five years and high demand for

1 this skilled work force is expected to cause further attrition in 2005. The Company
2 will increase its focus on its apprenticeship program to combat the expected turnover
3 in the long term. As the time for an apprentice to become fully qualified is typically
4 five to ten years, the Company is also planning to increase the number of journeyman
5 to supplement the apprentice hiring, as well as to mitigate the expected attrition.
6 Operating expenditures will increase marginally as the majority of incremental
7 positions will be working on capital construction.

8

9 *Vegetation Management*

10 Brushing is a significant component of Transmission and Distribution line
11 maintenance expenditures. FortisBC takes an integrated approach to minimize costs,
12 maximize reliability and reduce public safety hazards. The Company continues to
13 improve its vegetation management program, focusing on controlling tree growth
14 under or near power lines to ensure adequate clearances. This minimizes public and
15 worker safety hazards, tree-related fires and the occurrence of customer outages.
16 Regular surveys are conducted to determine the physical location of hazard trees and
17 general brush clearance locations. Wherever possible, vegetation that could grow or
18 fall into FortisBC lines is removed or, where removal is not possible, problem
19 vegetation is dealt with using proven arboricultural methods.

20

21 The Company adapts its brushing program annually with consideration of cycle
22 times, seasonal weather anomalies (fire season) and permit requirements. Vegetation
23 management expenditures fell partly as a result of a ban on backcountry industrial
24 work in the summer and fall of 2003. To recover from 2003, brushing activity
25 increased in 2004. Forecast 2005 brushing activity is comparable to the level of
26 activity prior to 2002, and is likely to remain at this level in the next few years.

27

28 New initiatives planned for 2005 include the use of the Company's mapping system
29 to notify property owners and customers of upcoming brushing.

30

1 *Substation Maintenance*

2 Substations contain power transformers, breakers and ancillary equipment that control
3 the supply of electricity to customers. This equipment is energized at high voltages,
4 so safety measures to protect the public and workers are essential. Substation
5 expenses include the costs of the operation and maintenance of the Company's
6 substations, including the cost of materials and supplies incurred in connection with
7 the inspection and maintenance of substation equipment. Sixty-five percent of the
8 protective relays used for equipment and human safety are electromechanical, and at
9 nearly 70 years of age, are two technological generations older than the current relay
10 equipment. The age of the substation plant is a significant influence on the
11 maintenance program. This deficiency is addressed through the programs defined in
12 the System Development Plan.

13
14 More proactive testing of oil-filled equipment will provide advance warnings of
15 failures that are likely to result in costly outages. This testing along with thermal
16 scanning and completion of the scheduled maintenance plan will enable the Company
17 to repair or replace deteriorating equipment on a planned basis, thereby avoiding
18 more costly emergency repairs while also reducing customer outages.

19
20 Maintenance expenditures for 2005 will be higher than those seen in 2004, but
21 consistent with historical levels. Maintenance levels in 2004 were lower than
22 previous years as maintenance crews were deployed to support the substations under
23 construction.

24
25 Also included in Transmission and Distribution expenses are the facility rental
26 charges of approximately \$3.2 million for the Brilliant Terminal Station constructed
27 in 2003 (see Table 8.2.6, line item Rental of Transmission and Distribution
28 Facilities).

29

1 **2.4 Customer Service**

2 Customer Service processes include direct customer contact (call center), billing and
 3 account management, collections, and management of Key Customer relationships.
 4 Only the last item is now resident within the service area. During 2005, FortisBC
 5 will undertake several significant initiatives to improve customer service, including:
 6 establishing a customer contact centre in Trail, re-formatting of customer bills, and
 7 increasing billing accuracy. These plans are described in detail in the Transition Plan
 8 in Tab 10 and will serve to explain the change in operating cost.
 9

Table 8.2.4
Customer Service Expense
(\$000s)

	2002	2003	2004	2005	Increase 2005 vs 2002
1 Actual Expense	4,711	3,761	4,827	5,599	18.8%
2 Inflation – Adjusted (CPI BC)	4,711	3,683	4,617	5,260	11.7%

10

11 As indicated in Table 8.2.4, Customer Service expenses are forecast to increase by
 12 \$0.9 million, or 18.8 percent, compared to 2002 expenses.

13

14 **2.5 Administration & General**

15 This function includes the costs of support services such as Information Technology,
 16 Procurement, Materials Management, Fleet Services, and Human Resources. It also
 17 includes corporate costs associated with Finance and Accounting, Regulatory and
 18 Legal Services, and Executive Management.

1

Table 8.2.5
Actual And Inflation Adjusted/Administration
and General Expense
(\$000s)

	2002	2003	2004	2005	Increase 2005 vs 2002
1 Actual Expense	15,157	13,667	17,216	16,139	6.5%
2 Inflation – Adjusted (CPI BC)	15,157	13,383	16,475	15,162	0.0%

2

3 As shown in Table 8.2.5, administration and general operating expenses are forecast
4 to increase approximately 6.5 percent or \$1.0 million compared to 2002. Some of the
5 more significant cost pressures that have faced this group include increased insurance
6 costs, increased accounting and treasury costs associated with internal and external
7 audits, and increased reporting requirements due to the issuance of public debt.

8

9 Wherever possible, the Company will seek opportunities to reduce expense. In 2005,
10 Fleet Services intends to reduce its O&M expense through the buy-out of a number of
11 vehicle leases. The operating impact of this decision is an expense reduction of
12 approximately \$1 million, and will benefit customers through lower rates over the life
13 of the assets. The associated vehicle purchase costs, and an analysis of the lease-buy
14 decision, are included in the 2005 Capital Plan at Tab 9. Also the Company was able
15 to participate in the Fortis Inc. insurance program that has reduced insurance by
16 approximately \$0.7 million from the cost forecast in the 2004 Revenue Requirement.

17

18 **2.6 Labour**

19 Table 8.2.6 details total Operating expenses for the major cost categories of labour,
20 contracted manpower, and other significant components.

1

2

Table 8.2.6
Operating and Maintenance Expense
(\$000s)

	Actual	Actual	Forecast	Forecast	Increase
	2002	2003	2004	2005	05 vs 02
1 Labour	20,513	19,072	21,037	22,696	10.6%
2 Contracted Manpower	4,324	4,255	4,772	5,199	20.2%
3 Total Operating Labour	24,837	23,327	25,809	27,895	12.3%
4 Rental of T&D Facilities	239	239	3,215	3,318	1,288.3%
5 (TeckCominco & Brilliant Terminal Station)					
6 Materials	1,692	705	820	504	(70.2)%
7 Vehicle Expenses	1,924	831	1,269	648	(66.3)%
8 Uncollectable Accounts	951	438	1,259	445	(53.2)%
9 Insurance	844	1,757	1,870	1,661	96.8%
10 Capitalized Overhead	(2,175)	(2,583)	(2,874)	(3,396)	56.1%
11 Other Operating Expenses	3,781	5,348	3,623	5,218	38.0%
12 Total Operating Expenses	32,093	30,062	34,991	36,293	13.1%

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2.7 Contracted Manpower

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As shown, the most significant increases occur in labour, rental of transmission and distribution facilities, and insurance costs. These increases are partially offset by reductions in material and vehicle expenses.

Labour costs are forecast to increase by \$2.2 million, or 10.6 percent over 2002, reflecting primarily wage escalation. Contracts with the Company's two unions expire after year end 2005.

Contracted Manpower costs are forecast to increase \$0.9 million, or 20.2 percent over 2002. Contracted manpower covers contractors, consultants, auditors, (including contracts with FortisAlberta for the ongoing provision of metering information services), and for temporary customer contact center services until mid 2005. Other contracted services purchased by the Company include brushing, bill printing and payroll cheque processing.

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2.8 Materials

Materials costs are forecast to decrease by \$1.2 million, or 70.2 percent, from 2002. The materials cost fluctuations are primarily due to the nature of work being performed from year to year. These costs are directly correlated to the timing of major maintenance projects. In years where the Company has focused on capital construction projects the costs would be lower. This is consistent with the capital expenditure programs in recent years and will likely continue in 2005 due to the large capital program forecast for the period.

2.9 Vehicle Expenses

Vehicle costs are forecast to decrease by \$1.3 million, or 66.3 percent, from 2002. This decrease is partly the result of a decision to purchase a number of vehicles and was outlined earlier in this Section.

2.10 Uncollectable Accounts

Uncollectable accounts are forecast to be \$0.4 million in 2005. This amount represents approximately one-quarter of one percent of revenues from electricity sales. These costs fluctuate and are generally influenced by local economic conditions.

2.11 Insurance

Insurance costs are forecast to increase by \$0.8 million, or 97 percent, from 2002. Insurance cost for 2004 will be lower than approved in the 2004 Revenue Requirement. This saving is flowed through to reduce customer rates in 2005. Insurance costs include general property, liability, vehicle, and fire suppression insurance. Insurance costs have increased primarily as a result of events such as 9/11 in the United States, accounting scandals and the general poor performance of financial markets. The large impact of these events on 2003 insurance expense is evident in Table 8.2.6. For 2005 the Company has been able to gain access to lower cost insurance premiums through its affiliates and to decrease insurance expense

1 below the 2003 level. Offsetting this reduction is the B.C. government's introduction
2 of a fire suppression insurance premium in 2004 of \$0.2 million.

3

4 **2.12 Capitalized Overhead**

5

6 Capitalized overhead is forecast to increase by \$1.2 million, or 56.1 percent, over the
7 three year period. Capitalized overhead has increased primarily because of the large
8 capital expenditure programs in recent years.

9

10 **2.13 Other Operating Expenses**

11 Other operating expenses are forecast to increase by \$1.4 million, or 38.0 percent,
12 over the three year period. Major components of this increase are software licenses
13 and telecommunications related to the new call centre, and the Trail and Kelowna
14 office leases. Also included in this category are miscellaneous office, training, travel
15 and other expenses.

16

17 **2.14 Forecast Other Income**

18 FortisBC's 2005 revenue requirement forecast is reduced by non-tariff revenues
19 ("Other Income"). These revenues include apparatus and facilities rentals,
20 distribution pole space rentals and the sublease of office space in the Trail office.
21 Other Income also includes contract revenue associated with the operation and
22 maintenance agreements with TeckCominco's Waneta and Columbia Power
23 Corporation's Brilliant generating stations. The premium on labour and material
24 transfers associated with non-regulated contracts is also included in other revenue.

- 1 Table 8.2.14 summarizes other income from 2002 to forecast 2005.

Table 8.2.14
Actual And Forecast Other Income
 (\$000s)

	Actual 2002	Actual 2003	Forecast 2004	Forecast 2005
1 Apparatus and Facilities Rental	2,442	2,337	2,311	2,102
2 Contract Revenue	2,796	2,026	1,155	1,154
3 Miscellaneous Revenue	530	603	553	529
4 Investment Income	148	284	154	-
5 Total	5,916	5,250	4,173	3,785

- 2 The decrease in Other Income from 2002 to 2005 is mainly attributable to decreased revenue
 3 from third party contracts.

3. Rate Base Costs

1 The Company's total investment in plant and equipment, plus an allowance for working
2 capital, is known as the Rate Base. The components of Rate Base are detailed in Tab 6.

3

4 The Company's investment in Rate Base is financed by a combination of debt and equity.
5 The total of the Company's debt and equity is termed the invested capital, and the percentage
6 of each of these components is referred to as the Company's capital structure. FortisBC's
7 forecast capital structure is 40 percent equity and 60 percent debt. The prudent relative share
8 of debt and equity is discussed at length in Tab 5 and summarized in a subsequent section
9 below.

10

11 3.1 Cost of Debt

12 Tables 8.3.1 A and Table 8.3.1 B summarize FortisBC's weighted debt and cost of
13 debt for forecast 2004 and 2005 respectively.

14

Table 8.3.1 A
Forecast Interest – 2004
(\$000)

	Rate	Year End Balance	Annual Weighted Balance	Annual Weighted Interest	
1 Long-Term Debt - 2004					
2	Series E due December 1, 2009	11.00%	6,750	7,438	818 ⁽¹⁾
3	Series F due October 16, 2012	9.65%	15,000	15,000	1,448
4	Series G due August 28, 2023	8.80%	25,000	25,000	2,200
5	Series H due February 1, 2016	8.77%	25,000	25,000	2,192
6	Series I December 1, 2021	7.81%	25,000	25,000	1,953
7	Series J Due July 31, 2009	6.75%	50,000	50,000	3,375
8	Series 04-1 Due November 30, 2014	5.48%	140,000	11,667	640 ⁽²⁾
9		7.94%	286,750	159,105	12,626
10 Short-Term Debt - 2004					
11	Credit Facility and related party debt	5.49%	36,902	126,624	<u>6,950</u>
12	Total Interest - 2004				<u><u>19,576</u></u>

13 ⁽¹⁾ Face value of this debt was outstanding for only 11 months of the year. A sinking fund payment of \$750,000 was made in December of each respective year.

14 ⁽²⁾ Includes amortization of debt discount of \$0.05 million.

Table 8.3.1 B
Forecast Interest – 2005
(\$000)

	Rate	Year End Balance	Annual Weighted Balance	Annual Weighted Interest	
Long-Term Debt - 2005					
1					
2	Series E due December 1, 2009	11.00%	6,000	6,688	736 ⁽¹⁾
3	Series F due October 16, 2012	9.65%	15,000	15,000	1,448
4	Series G due August 28, 2023	8.80%	25,000	25,000	2,200
5	Series H due February 1, 2016	8.77%	25,000	25,000	2,192
6	Series I December 1, 2021	7.81%	25,000	25,000	1,953
7	Series J Due July 31, 2009	6.75%	50,000	50,000	3,375
8	Series 04-1 Due November 30, 2014	5.485%	140,000	140,000	7,677 ⁽²⁾
9	Series 05-1 (forecast)	6.50%	75,000	31,250	2,031
10		6.80%	361,000	317,938	21,613
Short-Term Debt - 2005					
11	Credit Facility	5.01%	39,234	26,949	1,350
12	Deemed Debt – 2005	6.50%		\$4,456	290
13	Total Interest - 2005				23,253
14	<i>(1) Face value of this debt was outstanding for only 11 months of the year. A sinking fund payment of \$750,000 was made in December of each</i>				
15	<i>respective year.</i>				
16	<i>(2) Includes amortization of debt discount of \$0.05 million.</i>				

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As shown in these tables, the majority of FortisBC's debt costs are associated with already-existing long-term debt. The forecast weighted average of long-term debt outstanding for 2004 is \$159.1 million with an average cost of borrowing of 7.94 percent. The increase in average debt outstanding for the year was the result of a new \$140 million long-term debt issue. On November 30, 2004, the Company will issue ten-year \$140 million in Series 04-1 unsecured debentures as approved by Commission Order G-77-04, at a coupon rate of 5.48 percent with an effective rate of 5.485 percent. This \$140 million public issue of long-term debt will substantially reduce the average cost of borrowing, to the immediate and long-term benefit of customers.

The forecast weighted average of long-term debt outstanding for 2005 is \$317.9 million with an average cost of borrowing of 6.80 percent. The increase in average

1 debt outstanding for 2005 is associated with the \$140 million issue in November 2004
 2 and the planned issue of \$75 million in unsecured debentures forecast for August
 3 2005, with an assumed interest rate of 6.50 percent.

4
 5 FortisBC raises its debt capital on a “stand alone” basis, meaning that its
 6 creditworthiness and consequently the cost of debt is not influenced by the business
 7 and financial risks associated with its parent or affiliated companies. Over the long
 8 term the stand-alone debt financing model will contribute to continued access to debt
 9 at reasonable terms, providing greater rate stability and transparency for customers.

10
 11 The estimated weighted average of short-term debt outstanding for 2004 is \$126.6
 12 million with an average cost of borrowing of 5.49 percent. In 2005 the weighted
 13 average short-term debt outstanding is forecast to be \$26.9 million with an average
 14 cost of borrowing of 5.01 percent. The assumed average cost of short-term
 15 borrowing is based on forecast prime rates, which provides a reasonable estimate of
 16 future borrowing costs under FortisBC’s \$100 million revolving credit facility and its
 17 \$10 million overdraft credit line.

19 3.2 Return on Common Equity

20 The return on equity is based on the recommendations of FortisBC’s expert witness
 21 Ms. Kathleen McShane (see Tab 5). Ms. McShane recommends that the forecast
 22 return on equity for FortisBC for 2005 be established based on the following:

Table 8.3.2 A
Expert Evidence – Recommendation Summary

1	Low risk benchmark utility return on equity set by the Commission	9.03% ⁽¹⁾
2	Risk premium upward adjustment of (Target Range 50-100 Basis Points)	0.75% ⁽²⁾
3	Recommended Return on Equity	9.78%
4	<i>(1) Low risk BCUC adjustment as provided in BCUC Letter No. L-55-04 dated November 18, 2004.</i>	
5	<i>(2) Ms. McShane recommends that the additional risk premium is necessary given FortisBC’s higher than average business risk and financial risk</i>	

1 Ms. McShane's recommendation for a 75 basis point upward adjustment on risk
 2 premium from the low risk benchmark utility is based on her assessment of
 3 FortisBC's business risk and financial risk. In particular Ms. McShane commented
 4 on the credit rating agencies' (DBRS and Moody's) assessments of FortisBC and
 5 their concern with FortisBC's low interest and cash flow coverages.

6
 7 Ms. McShane further recommended a capital structure containing 40 percent common
 8 equity.

9
 10 Return on Common Equity is calculated using the average common equity for the
 11 year. Average Common Equity is the sum of weighted average of common share
 12 equity and a simple average of retained earnings. A more detailed calculation of
 13 Average Common Equity is shown in Table 8.3.2 B, as reproduced from Schedule 4
 14 of Tab 4.

15
Table 8.3.2 B
Actual And Forecast Common Share Equity
 (\$000s)

	Actual 2002	Actual 2003	Forecast 2004	Forecast 2005
1 Share Capital	61,500	76,500	76,500	106,500
2 Retained Earnings	99,846	104,855	114,487	126,478
3 COMMON EQUITY - OPENING				
4 BALANCE	161,346	181,355	190,987	232,978
5 Less: Common Dividends	(9,639)	(10,618)	(10,587)	(8,000)
6 Add: Net Income	14,630	20,250	22,578	22,779
7 Shares Issued	15,000	-	30,000	-
8 Closing Balance	181,337	190,987	232,978	247,757
9 SIMPLE AVERAGE	171,341	186,171	211,982	240,367
10 Adjustment for Share Issue	6,223	-	7,603	-
11 Deemed Equity Adjustment	-	-	-	(7,471)
12 COMMON EQUITY - AVERAGE	177,564	186,171	219,585	232,896

13
 14 *Note: (1) Source for actuals-Annual Reports filed with BCUC*

1 The Company expects that for 2005 its actual average equity will exceed the
2 recommended 40 percent. As a result, in order not to overstate allowed revenue
3 requirement, the 2005 forecast average common equity has been reduced by \$7.5
4 million (see line 15), in order to bring the equity component of average invested
5 capital to a value equal to 40 percent of Rate Base. Return on Common Equity is
6 shown as Net Income at Line 10 of Table 8.3.2 B.

7

8 **3.3 Return on Capital**

9 Schedule 5 of Tab 4 summarizes the components of return on capital and return on
10 utility rate base, and is reproduced in Table 8.3.3 below. It includes both the average
11 invested capital used to fund Rate Base and the return on the components of that
12 invested capital.

Table 8.3.3
Actual And Forecast Return On Capital
(\$000s)

		Actual 2002	Actual 2003	Estimate 2004	Existing Rates Forecast 2005	Proposed Rates Forecast 2005
1	Secured Debt & Senior Unsecured	121,962	148,192	159,105	317,938	317,938
2	Proportion	32.10%	33.82%	31.73%	54.61%	54.61%
3	Embedded Cost	8.43%	8.16%	7.94%	6.80%	6.80%
4	Cost Component	2.71%	2.76%	2.52%	3.71%	3.71%
5	Return	10,283	12,087	12,626	21,613	21,613
6						
7	Unsecured Debt & Bank Loans	80,473	103,814	122,815	26,949	26,949
8	Proportion	21.18%	23.69%	24.49%	4.63%	4.63%
9	Embedded Cost	6.11%	6.77%	5.66%	5.01%	5.01%
10	Cost Component	1.29%	1.61%	1.39%	0.23%	0.23%
11	Return	4,917	7,033	6,950	1,350	1,350
12						
13	Deemed Debt	-	-	-	4,456	4,456
14	Proportion	-	-	-	0.77%	0.77%
15	Embedded Cost	-	-	-	6.50%	6.50%
16	Cost Component	-	-	-	0.05%	0.05%
17	Return	-	-	-	290	290
18						
19	Common Equity	177,564	186,171	219,585	232,896	232,896
20	Proportion	46.73%	42.49%	43.79%	40.00%	40.00%
21	Embedded Cost	8.24%	10.88%	10.28%	7.64%	9.78%
22	Cost Component	3.85%	4.62%	4.50%	3.05%	3.91%
23	Return	14,630	20,250	22,578	17,787	22,779
24						
25	TOTAL CAPITALIZATION	379,999	438,177	501,505	582,239	582,239
26						
27	Earned Return	29,830	39,370	42,154	41,040	46,038
28	RETURN ON CAPITAL	7.85%	8.98%	8.41%	7.05%	7.91%
29						
30						
31	RATE BASE	382,503	442,688	494,712	582,239	582,239
32	RETURN ON RATE BASE	7.80%	8.89%	8.52%	7.05%	7.91%
33						
34	Note: Source for actuals Annual Reports filed with BCUC					

1 The utility's Average Common Equity is reduced to the proposed 40 percent of Rate
2 Base for purposes of Revenue Requirement. This results in a shortfall in invested
3 capital compared to Rate Base; the shortfall is deemed as debt with a forecast rate
4 equal to the marginal cost of long term debt for 2005, assumed to be 6.50 percent.
5

1 **3.4 Income Taxes**

2 Income and Capital Taxes are assessed by the Provincial and Federal governments.
 3 Table 8.3.4 A sets out the calculation of capital and income taxes for forecast 2004
 4 and forecast 2005, and is reproduced from Schedule 3 in Tab 4.

5

6 The items listed in the Table have been calculated elsewhere in this Application, with
 7 the exception of Capital Cost Allowance and Large Corporation Capital tax, both of
 8 which are described below.

9

		Table 8.3.4 A	
		Forecast Income Tax	
		(\$000)	
		Forecast	Forecast
		2004	2005
6	UTILITY INCOME BEFORE TAX	50,133	53,004
7	Deduct:		
8	Interest on Rate Base	19,576	23,253
9	ACCOUNTING INCOME	30,557	29,752
10	Adjustments to Accounting Income		
11	to arrive at Taxable Income		
12	Deductions		
13	Capital Cost Allowance	18,998	22,781
14	Capitalized Overhead	2,874	3,396
15	AFUDC	2,394	3,102
16	Net taxable additions to Deferred Charges	3,285	3,0033
17	Incentive adjustment	1,494	1,901
18	All Other (net effect)	584	(458)
19		29,629	33,725
20	Additions		
21	Amortization of deferred charges	1,847	1,911
22	Depreciation	15,007	16,855
23		16,854	18,766
24			
25	TAXABLE INCOME	17,782	14,793
26	Tax Rate	35.62%	35.62%
27	Taxes Payable	6,334	5,269
28	Power Smart Tax Impact	711	653
28	Large Corporation capital tax	884	950
30	Provision for Tax Audits	50	100
31	REGULATORY TAX PROVISION	7,979	6,972

10

11 Capital Cost Allowance shown in Table 8.3.4 B, is the amount of “depreciation”
 12 allowed as a deduction from income under the Income Tax Act.

Table 8.3.4 B
Forecast Capital Cost Allowance
 (\$000s)

	Class		CCA Rate	Forecast 2004	Forecast 2005
1	01	Buildings - Post 1987	4%	10,457	12,852
2	02	Plant - Pre 1987	6%	1,916	1,801
3	03	Buildings - Old	5%	92	87
4	06	Buildings - Frame	10%	2	2
5	08	Furniture, Fixtures and Tools	20%	835	835
6	10	Vehicles and Computers	30%	1,447	1,764
7	12	Computer software	100%	670	215
8	13	Leasehold Improvements	13%	52	52
9	17	Generation	8%	3,528	5,173
10				<u>18,999</u>	<u>22,781</u>

1 **3.5 Capital Tax**

2 The Company is liable for payment of the federal Large Corporation Capital Tax.

3 The statutory rate in 2004 was 0.2 percent and was reduced to 0.18 percent on paid up
 4 capital greater than \$25.0 million.

5

6 The Company was previously liable for payment of the BC Capital Tax. The
 7 province eliminated the BC Capital Tax in 2002. An appeal of previous years' capital
 8 tax payments is pending, and may result in a refund of taxes previously paid. It is not
 9 known when this appeal will proceed.

10

11 **3.6 Property Tax**

12 Property Taxes are based on the value of utility and general plant as determined by
 13 the BC Assessment Authority. Property tax rates are set by local taxation authorities.

14 Table 8.3.6 provides a summary of the Property Tax in revenue requirement from
 15 2002 to 2005 Forecast.

Table 8.3.6
Forecast Property Taxes
(\$000s)

	Class	2004 Forecast			2005 Forecast		
		Rural Tax	Urban Tax	Total	Rural Tax	Urban Tax	Total
1	Building &						
2	Land	57	477	534	58	487	545
3	Distribution	805	701	1,506	829	723	1,552
4	Generation	2	2,568	2,570	3	2,912	2,915
5	Substation	573	1,695	2,268	611	1,810	2,421
6	Transmission	2,401	857	3,258	2,518	899	3,417
7		<u>3,838</u>	<u>6,298</u>	<u>10,136</u>	<u>4,019</u>	<u>6,831</u>	<u>10,850</u>

1 The Company requests that a deferral account be established to record any difference
 2 between the 2005 forecast of Property Taxes and actual Property Taxes paid. The
 3 Company has limited control over the amount of Property Taxes, although it has been
 4 successful in appealing assessments in the past. These amounts have been to the
 5 benefit of customers, as property taxes have been treated as a flow through to rates for
 6 several years, including the years immediately prior to the PBR and Negotiated
 7 Settlement Agreements established in 1996.

8

9 **3.7 Depreciation**

10 Depreciation and Amortization Expense is summarized in Table 8.3.7 below.

Table 8.3.7
Actual and Forecast Depreciation and Amortization Expense
(\$000s)

	2002	2003	2004	2005
Depreciation Expense	14,344	12,340	15,007	16,855
Amortization Expense	0	2,297	1,847	1,911
Total Depreciation and Amortization	<u>14,344</u>	<u>14,637</u>	<u>16,854</u>	<u>18,766</u>

11 Detailed calculations can be found in Tab 6, Rate Base.

1 **3.8 AFUDC**2 **Allowance for Funds Used During Construction (“AFUDC”)**

3 AFUDC represents the cost of capital incurred by the Company while assets are
 4 under construction. In recognition that customers should contribute only to assets
 5 that are “used and useful” that is, only when assets are in service, AFUDC is
 6 deducted from Revenue Requirements and applied to capital, to be recovered through
 7 Depreciation Expense over the life of the asset.

8
 9 The application of AFUDC is neutral with respect to customer rates and to income
 10 when the AFUDC rate is equal to the weighted return on equity plus the after tax cost
 11 of debt. In 2004, AFUDC was applied at a rate (8.0 percent) agreed to in the 2004
 12 Revenue Requirements Negotiated Settlement Agreement. For 2005, the appropriate
 13 AFUDC rate is 6.5 percent (rounded), as calculated in the Table 8.3.8.

15 **Table 8.3.8**16 **Calculation of the AFUDC Rate for 2005**

1	Debt	
2	Component of Rate Base	60.00%
3	Weighted Average Cost of Debt	6.66%
4	Equity	
5	Component of Rate Base	40.00%
6	Return on Equity	9.78%
7	Income tax rate – 2005	35.62%
8	Calculation:	
9	Debt component x Interest rate after tax	
10	60% x 6.66% x (1-35.62%)	2.57
11	Plus Equity component x Return on Equity	
12	40% x 9.78%	3.91
13	AFUDC Rate	<u>6.48%</u>

17

4. Incentive Adjustment

1 Since 1996, the Company and its stakeholders have agreed to the sharing of variances from
 2 negotiated targets for such items as operating expenses and non-tariff revenue, and to the
 3 flow-through treatment of certain other expense items. In addition, sharing mechanisms
 4 relating to market prices for power purchase expense and to the provision of energy
 5 efficiency services have benefited both the Company and its customers.

4.1 Adjustments to 2004 and 2005

6
 7 The incentive mechanisms first established via Commission Order G-73-96 have been
 8 amended through subsequent orders including Order G-134-99 and most recently
 9 Order G-38-04. These various sharing mechanisms serve to reduce rates in 2004 and
 10 2005 as shown in Table 8.4.1 below.
 11

Table 8.4.1
Adjustments to 2004 and 2005 Revenue Requirements

		Adjustment to Revenue Requirements in:	
		2004	2005
		(\$000s)	
1	Operating Incentives		
2	2003 Incentive	(1,663)	
3	Preliminary 2004 Incentive	(175)	175
4	Power Purchase Incentives		
5	2003 Incentive	(1,105)	
6	Preliminary 2004 Incentive	2,076	(2,076)
7	Prior Year Incentives	(262)	
8	Total Adjustment to Revenue Requirements	(1,129)	(1,901)

4.2 Operating Expense Incentives

12 The operating expense incentive mechanism is premised on an equal, symmetrical
 13 utility/customer sharing of variances from target costs for controllable O&M
 14 expenses, for non-tariff revenue, and for financing variances attributable to
 15 efficiencies in capital spending for certain categories of capital work.
 16

1

2 Cost categories that are largely beyond the control of management flow to customers
3 through the incentive calculation.

4

5 Table 8.4.2 sets out the calculation of the Preliminary Incentive Adjustment, based on
6 a forecast to year-end, for 2004. The Final 2004 Incentive Adjustment, based on full
7 year results, may result in small variations to the incentive and hence to future
8 customer rates.

**Table 8.4.2
Preliminary 2004 Incentive Adjustment**

	2004 Target Cost	Current Estimate	Variance	Customer Shared Percentage	Adjustment to Rates	
	(\$000s)				(\$000s)	
1						
2						
3	Shared Components					
4	OPERATING EXPENSES					
5	Brushing & Substation Mtce	2,100	2,350	250	50%	125
6	Other O&M	27,834	30,179	2,345	0%	-
7	Other Income	(3,822)	(4,061)	(239)	50%	(119)
8	FINANCING COSTS					
9	Cost of Capital – Base Capital	-	-	-	n/a	
10	(Volume Variance)					
11	26,112	28,468	2,356		6	
12						
13						
14						
15	Flow-through Components					
16	OPERATING EXPENSES					
17	Extraordinary O&M	6,085	5,336	(749)	100%	(749)
18	Extraordinary Other Income	(78)	(112)	(34)	100%	(34)
19	Capitalized Overhead	(2,038)	(2,874)	(836)	100%	(836)
20	Wheeling	3,822	3,785	(37)	100%	(37)
21	Water Fees	7,328	7,376	48	100%	48
22	FINANCING COSTS					
23	Cost of Capital - Base Capital	-	-	-	n/a	-
24	(Rate Variance)					
25	Amortization Expense	16,805	16,854	49	100%	49
26	AFUDC	(3,098)	(2,394)	704	100%	704
27	TAXES					
28	Income Tax	7,273	7,981	708	100%	708
29	Property Tax	9,820	10,136	316	100%	316
30	45,919	46,088	169		169	
31	PRELIMINARY 2004 ADJUSTMENT					

175

1 The inflation and customer variables used to determine the target costs for calculating
 2 the variances, and the calculation of the O&M and “Base Capital” targets for
 3 incentive purposes, are included in Appendix A of this Section. Also shown are the
 4 components of “Extraordinary O&M” expense, which is a flow-through component.

5

6 **4.3 Power Purchase Incentives**

7 The Power Purchase Incentive mechanism was introduced to permit sharing of
 8 market price risks and opportunities, and results in a benefit to customers of \$2.2
 9 million for 2004. Customers will also benefit from a reduction in the April 1, 2004

1 interim rate increase granted to BC Hydro (reduced from 7.23 percent to 4.85
2 percent).

3

4 The mechanism itself, and the circumstances underlying the 2004 Power Purchase
5 Incentive, are described in Section Tab 7, Section 7.3.

6

7 **4.4 Energy Management Incentives**

8 FortisBC also earns incentives arising from its Demand Side Management program.
9 These initiatives, and the incentives, are described in Tab 10 of this Application. The
10 incentive for 2003 was \$69,000, and is forecast to be \$33,000 in 2004.

11

12 **4.5 Proposal for Sharing Mechanisms for 2005**

13 FortisBC is proposing to retain certain aspects of the existing sharing mechanisms in
14 2005. The Power Purchase Incentive and the Demand Side Management Incentive
15 Mechanisms have been shown to be effective and desirable to customers and the
16 Company. No changes are proposed to either mechanism for 2005.

17

18 With respect to the operating incentive, it has been recognized by all parties that
19 changes to the existing mechanism are required. Given the transitional nature of its
20 operations in 2005, FortisBC is proposing a simple asymmetric sharing of potential
21 savings in net operating expenses. That is, to the extent that 2005 O&M expenses,
22 net of capitalized overheads, are lower than the forecast in this Application, the
23 variance will be shared equally with customers.

24

25 As in the existing mechanisms, the customer portion of these incentives will be
26 deferred for recovery in 2006.

APPENDIX A Detail of Incentive Adjustment Calculations

Operating Incentives - 2004 Targets

Target Cost Variables

	Normalized	Current Estimate Normalized	Notes
	2003	2004	
1 Cost Drivers			
2 Number of Direct Customers (Year-End)	92,753	95,153	(1)
3			
4 Number of Direct Customers (Simple Average)	91,736	93,953	
5 Customer Growth (Simple Average)	2.0%	2.4%	
6 Base Cost Escalators			
7 CPI – Canada	2.8%	2.0%	(2)
8			
9 CPI - British Columbia	2.1%	2.3%	(3)
10			
11 Notes:			
12 (1) 2005 Load and Customer Forecast (Tab 7.3)			
13 (2) Consensus Economics Forecast, November 2004			
14 (3) B.C. Ministry of Finance, B.C. Economic Review and Outlook, September 2004			

Operating Expense Targets

			2003	2004	
			Target	Target	Actual
1	Operating & Maintenance				
2	Cost Driver	Direct customers	91,736	93,953	
3	Base Cost	(\$ 1998)	305.30	305.30	
4	Base Cost Escalator	CPI BC (Cumulative)	1.095	1.120	
5	Productivity Improvement Factor (Cumulative)		0.932	0.932	
6			<u>28,564</u>	<u>29,934</u>	<u>32,529</u>
7					
8	Extraordinary O&M		<u>1,072</u>	<u>6,085</u>	<u>5,336</u>
9					
10	Capitalized Overhead				
11	Cost Driver	Capital exp. excl. DSM	53,220	81,770	-
12	Base Cost		4.0%	2.5%	
13	Base Cost Escalator	None			
14			<u>(2,214)</u>	<u>(2,038)</u>	<u>(2,874)</u>
15					
16	Wheeling				
17	Cost Driver	MW Months	2,199	2,259	
18	Base Cost	(weighted average)	1,689	1,692	
19	Base Cost Escalator	BC Hydro rate	1.000	1.000	
20			<u>3,715</u>	<u>3,822</u>	<u>3,785</u>
21					
22	Water Fees				
23	Cost Driver	GW.h	1,504	1,518	-
24	Base Cost	(includes upgrade)	4,967	4,827	
25	Base Cost Escalator	BC Hydro rate	1.000	1.000	
26			<u>7,470</u>	<u>7,328</u>	<u>7,376</u>
27					
28	Other Income				
29	Cost Driver	Direct customers	91,736	93,953	
30	Base Cost	(\$ 1998)	(35.44)	(35.44)	
31	Base Cost Escalator	CPI Canada (Cumulative)	1.126	1.148	
32			<u>(3,661)</u>	<u>(3,822)</u>	<u>(4,061)</u>
33					
34	Extraordinary Income		(75)	(78)	(112)
35					
36	Total Operating Expenses		<u>\$ 34,870</u>	<u>\$ 41,222</u>	<u>\$ 41,979</u>

Extraordinary O&M Expense

	Actual	Target	Current
	2003	2004	Estimate
			2004
		(\$000s)	
1 Head Office Lease Payments	104	373	373
2 Pension Expense Adjustments	773	773	773
3 Wide Area Network Lease	309	250	252
4 Lease Savings - Kelowna Consolidation	(114)	(156)	(156)
5 Subtotal - 2003 Settlement Agreement	1,072	1,240	1,242
6 Incremental Pension Expense		351	(90)
7 Incremental Insurance Expense		1,479	1,206
8 Transmission Facilities Leases			
9 BTS Sustaining Capital Charge		2,314	2,314
10 BTS Operating Expenses		855	855
11 TeckCominco Facilities		(154)	(191)
12 Total Extraordinary O&M Expenses	1,072	6,085	5,336

Extraordinary Other Income

	Actual	Target	Actual
	2003	2004	2004
1 Head Office Lease Receipts	\$ (271)	\$ (78)	\$ (78)
2 Third Party Penalty Revenue	-		(34)
3 Total Extraordinary Income	\$ (271)	\$ (78)	\$ (112)