



FOR GENERATIONS

**Joanna Sofield**

Chief Regulatory Officer

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December 15, 2009

Ms. Erica M. Hamilton  
Commission Secretary  
British Columbia Utilities Commission  
Sixth Floor – 900 Howe Street  
Vancouver, BC V6Z 2N3

Dear Ms. Hamilton:

**RE: Project No. 3698455  
British Columbia Utilities Commission (BCUC)  
British Columbia Hydro and Power Authority (BC Hydro)  
BC Hydro 2007 Rate Design Application (2007 RDA)  
BCUC Order No. G-10-08 Compliance Filing**

BC Hydro is submitting its F2009 Fully Allocated Cost of Service (**FACOS**) study reflecting F2009 actual results, pursuant to BCUC Directive No. 2 of the 2007 RDA Decision.

This compliance filing incorporates the directives in BCUC Order No's. G-111-07 and G-10-08 and uses the same methodology as the F2008 FACOS study submitted on December 12, 2008.

Revenue-to-cost ratios for all rate classes as compared to the F2008 FACOS study are summarized below:

Rate Class	Revenue-to-Cost Ratios			
	2007 RDA Compliance Filing (January 30, 2008) <sup>1</sup> (%)	F2008 Actual (December 2008) (%)	F2009 Actual (December 2009) (%)	Change (December 2008 to December 2009) (%)
Residential	90.1	91.8	90.2	-1.6
GS < 35 kW	123.3	123.8	123.3	-0.5
GS > 35 kW	106.8	106.2	110.8	+4.6
Irrigation	83.2	83.4	80.9	-2.5
Street Lighting	124.9	125.0	117.7	-7.3
Transmission	102.5	100.1	99.7	-0.4
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	

<sup>1</sup> F2008 Forecast.

For further information, please contact Fred James at 604 623-4317.

Yours sincerely,



Joanna Sofield  
Chief Regulatory Officer

c. BCUC Project No. 3698455 (2007 RDA) Registered Intervenor Distribution List.

**F2009 Cost of Service - Actual Cost**

In Compliance with Order No's. G-111-07 and G-10-08

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Functionalization Summary - F09 Actual Costs

Costs in \$ millions

Cost of Energy		F2009 Revenue Requirement	Generation	Transmission	Distribution	Customer Care
Sched 4, L 11	IPPs and Long-term Purchases commitment	543.0	543.0	-	-	-
Sched 4, L 14	Domestic Transmission	92.0		92.0	-	-
Sched 4, L 12	NIA Generation	24.0	24.0			
Sched 4, L 13	Gas Transportation	11.5	11.5	-	-	-
Sched 4, L 1	Water Rentals	309.7	309.7	-	-	-
Sched 4, L 3	Market Purchases	272.6	272.6	-	-	-
Sched 4, L 5	Natural gas for thermal generation	47.3	47.3	-	-	-
Sched 4, L 6	Domestic Transmission	15.8	4.8	11.0	-	-
Sched 4, L 7 + L8 + L15	Other, and Surplus Sales	(33.1)	(33.1)	-	-	-
	Cost of Energy	1,282.8	1,179.8	103.0	-	-
O M & A Expenses						
Sched 3.2, L 2 + Sched 3.4 L 33	Generation	157.9	157.9	-	-	-
Sched 3.4, L 2 - Sched 3.4 L 33	Transmission	89.3	-	89.3	-	-
Sched 3.3, L 2 , Sched 3.5, L 2	Distribution	241.3	-	-	143.2	98.1
Sched 3.1, L 2	Corp Service	160.1	51.7	29.3	46.9	32.2
	O M & A	648.6	209.6	118.6	190.1	130.3
Depreciation & Amortization						
Sched 7, L 52	Generation	150.7	150.7	-	-	-
Sched 7, L 54	Transmission	97.4	-	97.4	-	-
Sched 7, L 53 + L 55	Distribution	106.9			103.7	3.2
Sched 7, L 51	Corporate Services	50.9	29.8	-	20.5	0.6
	Amortization	405.8	180.4	97.4	124.2	3.9
Taxes						
Sched 6, L 6	Generation	35.5	35.5	-	-	-
Sched 6, L 12	Transmission	100.0	-	100.0	-	-
Sched 6, L 15	Distribution	23.9	-	-	23.9	-
Sched 6, L 9	Customer Care	-	-	-	-	-
Sched 6, L 3	Corporate	9.0	5.4	-	3.6	-
	Taxes	168.4	40.9	100.0	27.5	-
Finance Charges						
Sched 8, L 67	Generation	206.0	206.0	-	-	-
Sched 8, L 69	Transmission	124.0	-	124.0	-	-
Sched 8, L 70	Distribution	135.2			135.2	-
Sched 8, L 68	Customer Care	0.5	-	-	-	0.5
	Finance Charges	465.7	206.0	124.0	135.2	0.5
Allowed Net Income						
Sched 9, L 45	Generation	161.7	161.7	-	-	-
Sched 9, L 47	Transmission	97.3	-	97.3	-	-
Sched 9, L 48	Distribution	106.1	-	-	106.1	-
Sched 9, L 46	Customer Care	0.4	-	-	-	0.4
	Allowed Net Income	365.5	161.7	97.3	106.1	0.4
Miscellaneous Revenues						
Sched 15, L 8, 17, 18, 13	Non Tariff Revenue (Functionalized)	(36.7)	(8.2)	(11.6)	(4.3)	(12.6)
Sched 15, L 4	Corporate Miscellaneous Revenue	(7.3)	(2.4)	-	(1.3)	(3.7)
	Miscellaneous Revenues	(44.0)	(10.6)	(11.6)	(5.6)	(16.3)
Deferral Accounts, Revenue Offsets and Other						
Sched 1, L 19	Subsidiary Net Income	(245.1)	(245.1)	-	-	-
Sched 2.1	Def Account Additions	(259.3)	(265.6)	6.2	-	-
Sched 2.2, L 78, 79, 80	Def Account Net Recovery	0.0	0.0	-	-	-
Sched 14, L 17	Other Utility Revenue	(22.1)	(22.1)	-	-	-
Sched 3, L 28	Intersegment revenues	30.5	86.4	(55.9)	-	-
Sched 3.4, L 11 (L9, L10)	Internal Allocations (GRTA, SDA)	-	35.0	(64.5)	29.5	-
	Def Accounts, Offsets and Other	(496.0)	(411.4)	(114.2)	29.5	-
Total Revenue Requirement		2,796.8	1,556.5	514.5	607.0	118.7

Classification of the Generation Function - F09 Actual

Costs in \$ millions

Cost of Energy	Total Gen	Demand	Energy	Demand	Energy	Comments
IPPs and Long-term Purchases commitment	543.00	0.00%	100.00%	-	543.00	
Domestic Transmission	-	0.00%	100.00%	-	-	
NIA Generation	24.00	0.00%	100.00%	-	24.00	
Gas Transportation	11.50	0.00%	100.00%	-	11.50	
Water Rentals	309.70	10.00%	90.00%	30.97	278.73	Based on Water Rental Rate
Market Purchases	272.60	0.00%	100.00%	-	272.60	
Natural gas for thermal generation	47.30	0.00%	100.00%	-	47.30	
Domestic Transmission	4.80	100.00%	0.00%	4.80	-	
Other, and Surplus Sales	(33.10)	0.00%	100.00%	-	(33.10)	
Cost of Energy	1,179.80			35.77	1,144.03	
<b>O M &amp; A Expenses</b>						
Generation	157.90	57.90%	42.10%	91.43	66.47	Generation Gross Plant in Service
Transmission	-	0.00%	0.00%	-	-	
Distribution	-	0.00%	0.00%	-	-	
Corp Service	51.75	57.90%	42.10%	29.96	21.79	
O M & A	209.65			121.39	88.26	
<b>Depreciation &amp; Amortization</b>						
Generation	150.65	57.90%	42.10%	87.23	63.42	Generation Gross Plant in Service
Transmission	-	0.00%	0.00%	-	-	
Distribution	-	0.00%	0.00%	-	-	
Corporate Services	29.76	57.90%	42.10%	17.23	12.53	
Amortization	180.41			104.46	75.95	
<b>Taxes</b>						
Generation	35.47	57.90%	42.10%	20.53	14.93	Generation Gross Plant in Service
Transmission	-	0.00%	0.00%	-	-	
Distribution	-	0.00%	0.00%	-	-	
Customer Care	-	57.90%	42.10%	-	-	
Corporate	5.40	57.90%	42.10%	3.12	2.27	
Taxes	40.86			23.66	17.20	
<b>Finance Charges</b>						
Generation	206.04	56.70%	43.30%	116.82	89.22	Generation Net Plant in Service
Transmission	-	0.00%	0.00%	-	-	
Distribution	-	0.00%	0.00%	-	-	
Customer Care	-	56.70%	43.30%	-	-	
Finance Charges	206.04			116.82	89.22	
<b>Allowed Net Income</b>						
Generation	161.73	56.70%	43.30%	91.69	70.03	Generation Net Plant in Service
Transmission	-	0.00%	0.00%	-	-	
Distribution	-	0.00%	0.00%	-	-	
Customer Care	-	0.00%	0.00%	-	-	
Allowed Net Income	161.73			91.69	70.03	
<b>Miscellaneous Revenues</b>						
Non Tariff Revenue (Functionalized)	(8.20)	57.90%	42.10%	(4.75)	(3.45)	Generation Gross Plant in Service
Corporate Miscellaneous Revenue	(2.38)	57.90%	42.10%	(1.38)	(1.00)	
Miscellaneous Revenues	(10.58)			(6.13)	(4.45)	
<b>Deferral Accounts, Revenue Offsets and Other</b>						
Subsidiary Net Income	(245.07)	21.72%	78.28%	(53.24)	(191.83)	
Def Account Additions	(265.57)	57.90%	42.10%	(153.77)	(111.80)	Generation Gross Plant in Service
Def Account Net Recovery	0.01	57.90%	42.10%	0.00	0.00	
Other Utility Revenue	(22.13)	57.90%	42.10%	(12.81)	(9.31)	
Intersegment revenues	86.40	57.90%	42.10%	50.03	36.37	
Internal Allocations (GRTA, SDA)	35.00	57.90%	42.10%	20.27	14.73	
Def Accounts, Offsets and Other	(411.36)			(149.52)	(261.84)	
				391.38	1,410.23	Costs excluding subsidiary income
				21.72%	78.28%	
<b>Generation Revenue Requirement</b>	<b>1,556.54</b>			<b>338.14</b>	<b>1218.40</b>	Costs including subsidiary income Final Generation costs

Classification of the Transmission Function - F09 Actual

Costs in \$ millions

Cost of Energy	Total Trans	Demand	Meter	Demand	Meter	Comments
IPPs and Long-term Purchases commitment	-	0.00%	0.00%	-	-	
Domestic Transmission	92.01	99.99%	0.01%	92.00	0.01	Transmission Gross Plant in Service
NIA Generation	-	0.00%	0.00%	-	-	
Gas Transportation	-	0.00%	0.00%	-	-	
Water Rentals	-	0.00%	0.00%	-	-	
Market Purchases	-	0.00%	0.00%	-	-	
Natural gas for thermal generation	-	0.00%	0.00%	-	-	
Domestic Transmission	11.00	99.99%	0.01%	11.00	0.00	
Other, and Surplus Sales	-	0.00%	0.00%	-	-	
Cost of Energy	103.01			103.00	0.01	
<b>O M &amp; A Expenses</b>						
Generation	-	0.00%	0.00%	-	-	
Transmission	89.30	99.99%	0.01%	89.29	0.01	Transmission Gross Plant in Service
Distribution	-	99.99%	0.01%	-	-	
Corp Service	29.27	99.99%	0.01%	29.26	0.00	
O M & A	118.57			118.55	0.02	
<b>Depreciation &amp; Amortization</b>						
Generation	-	0.00%	0.00%	-	-	
Transmission	97.38	99.99%	0.01%	97.36	0.01	Transmission Gross Plant in Service
Distribution	-	0.00%	0.00%	-	-	
Corporate Services	-	0.00%	0.00%	-	-	
Amortization	97.38			97.36	0.01	
<b>Taxes</b>						
Generation	-	0.00%	0.00%	-	-	
Transmission	100.04	99.99%	0.01%	100.03	0.01	Transmission Gross Plant in Service
Distribution	-	0.00%	0.00%	-	-	
Customer Care	-	0.00%	0.00%	-	-	
Corporate	-	0.00%	0.00%	-	-	
Taxes	100.04			100.03	0.01	
<b>Finance Charges</b>						
Generation	-	0.00%	0.00%	-	-	
Transmission	123.95	99.98%	0.02%	123.93	0.02	Transmission Net Plant in Service
Distribution	-	0.00%	0.00%	-	-	
Customer Care	-	0.00%	0.00%	-	-	
Finance Charges	123.95			123.93	0.02	
<b>Allowed Net Income</b>						
Generation	-	0.00%	0.00%	-	-	
Transmission	97.30	99.98%	0.02%	97.28	0.02	Transmission Net Plant in Service
Distribution	-	0.00%	0.00%	-	-	
Allowed Net Income	97.30			97.28	0.02	
<b>Miscellaneous Revenues</b>						
Non Tariff Revenue (Functionalized)	(11.60)	99.99%	0.01%	(11.60)	(0.00)	Transmission Gross Plant in Service
Corporate Miscellaneous Revenue	-	99.99%	0.01%	-	-	
Miscellaneous Revenues	(11.60)			(11.60)	(0.00)	
<b>Deferral Accounts, Revenue Offsets and Other</b>						
Subsidiary Net Income	-	99.99%	0.01%	-	-	Transmission Gross Plant in Service
Def Account Additions	6.25	99.99%	0.01%	6.25	0.00	
Def Account Net Recovery	-	99.99%	0.01%	-	-	
Other Utility Revenue	-	99.99%	0.01%	-	-	
Intersegment revenues	(55.91)	99.99%	0.01%	(55.90)	(0.01)	
Internal Allocations (GRTA, SDA)	(64.50)	99.99%	0.01%	(64.49)	(0.01)	
Def Accounts, Offsets and Other	(114.16)			(114.14)	(0.02)	
Transmission Revenue Requirement	514.49			514.41	0.08	

## Removal of the Direct Assign (Street Lights) Costs from Distribution Function - F09 Actual

Costs in \$ millions

Cost of Energy	Total Distribution Costs	Direct Assign Street Lighting Costs	Distribution Costs for Classific	Street Lighting Demand Related	Street Lighting Cust Related	Street Lighting Demand Related Costs	Street Lighting Cust Related Costs
IPPs and Long-term Purchases commitment	-	-	-	65%	35%	-	-
Domestic Transmission	-	-	-	65%	35%	-	-
NIA Generation	-	-	-	65%	35%	-	-
Gas Transportation	-	-	-	65%	35%	-	-
Water Rentals	-	-	-	65%	35%	-	-
Market Purchases	-	-	-	65%	35%	-	-
Natural gas for thermal generation	-	-	-	65%	35%	-	-
Domestic Transmission	-	-	-	65%	35%	-	-
Other, and Surplus Sales	-	-	-	65%	35%	-	-
Cost of Energy	-	-	-	-	-	-	-
<b>O M &amp; A Expenses</b>							
Generation	-	-	-	65%	35%	-	-
Transmission	-	-	-	65%	35%	-	-
Distribution	143.20	2.51	140.69	65%	35%	1.63	0.88
Corp Service	46.93	0.82	46.11	65%	35%	0.53	0.29
O M & A	190.13	3.33	186.80	-	-	2.17	1.17
<b>Depreciation &amp; Amortization</b>							
Generation	-	-	-	65%	35%	-	-
Transmission	-	-	-	65%	35%	-	-
Distribution	103.67	0.92	102.75	65%	35%	0.60	0.32
Corporate Services	20.48	-	20.48	65%	35%	-	-
Amortization	124.15	0.92	123.23	-	-	0.60	0.32
<b>Taxes</b>							
Generation	-	-	-	65%	35%	-	-
Transmission	-	-	-	65%	35%	-	-
Distribution	23.87	0.18	23.69	65%	35%	0.12	0.06
Customer Care	-	-	-	65%	35%	-	-
Corporate	3.63	-	3.63	65%	35%	-	-
Taxes	27.50	0.18	27.32	-	-	0.12	0.06
<b>Finance Charges</b>							
Generation	-	-	-	65%	35%	-	-
Transmission	-	-	-	65%	35%	-	-
Distribution	135.21	0.83	134.38	65%	35%	0.54	0.29
Customer Care	-	-	-	65%	35%	-	-
Finance Charges	135.21	0.83	134.38	-	-	0.54	0.29
<b>Allowed Net Income</b>							
Generation	-	-	-	65%	35%	-	-
Transmission	-	-	-	65%	35%	-	-
Distribution	106.14	0.65	105.49	65%	35%	0.42	0.23
Customer Care	-	-	-	65%	35%	-	-
Allowed Net Income	106.14	0.65	105.49	-	-	0.42	0.23
<b>Miscellaneous Revenues</b>							
Non Tariff Revenue (Functionalized)	(4.33)	-	(4.33)	65%	35%	-	-
Corporate Miscellaneous Revenue	(1.26)	-	(1.26)	65%	35%	-	-
Miscellaneous Revenues	(5.59)	-	(5.59)	-	-	-	-
<b>Deferral Accounts, Revenue Offsets and Other</b>							
Subsidiary Net Income	-	-	-	65%	35%	-	-
Def Account Additions	-	-	-	65%	35%	-	-
Def Account Net Recovery	-	-	-	65%	35%	-	-
Other Utility Revenue	-	-	-	65%	35%	-	-
Intersegment revenues	-	-	-	65%	35%	-	-
Internal Allocations (GRTA, SDA)	29.50	-	29.50	65%	35%	-	-
Def Accounts, Offsets and Other	29.50	-	29.5	-	-	-	-
<b>Distribution Revenue Requirement</b>	<b>607.04</b>	<b>5.91</b>	<b>601.13</b>			<b>3.84</b>	<b>2.07</b>

Based on street light percentage share of OMA.

Gross plant of Distribution

Net plant of Distribution

Net plant of distribution

Classification of the Distribution Function (with out Direct Assign) - F09 Actual

Costs in \$ millions

Cost of Energy	Dist Costs	Distribution Demand Related	Distribution Customer Related	Distribution Demand Related	Distribution Customer Related
IPPs and Long-term Purchases commitment	-	65%	35%	-	-
Domestic Transmission	-	65%	35%	-	-
NIA Generation	-	65%	35%	-	-
Gas Transportation	-	65%	35%	-	-
Water Rentals	-	65%	35%	-	-
Market Purchases	-	65%	35%	-	-
Natural gas for thermal generation	-	65%	35%	-	-
Domestic Transmission	-	65%	35%	-	-
Other, and Surplus Sales	-	65%	35%	-	-
Cost of Energy	-			-	-
<b>O M &amp; A Expenses</b>					
Generation	-	65%	35%	-	-
Transmission	-	65%	35%	-	-
Distribution	140.69	65%	35%	91.45	49.24
Corp Service	46.11	65%	35%	29.97	16.14
O M & A	186.80			121.42	65.38
<b>Depreciation &amp; Amortization</b>					
Generation	-	65%	35%	-	-
Transmission	-	65%	35%	-	-
Distribution	102.75	65%	35%	66.79	35.96
Corporate Services	20.48	65%	35%	13.31	7.17
Amortization	123.23			80.10	43.13
<b>Taxes</b>					
Generation	-	65%	35%	-	-
Transmission	-	65%	35%	-	-
Distribution	23.69	65%	35%	15.40	8.29
Customer Care	-	65%	35%	-	-
Corporate	3.63	65%	35%	2.36	1.27
Taxes	27.32			17.76	9.56
<b>Finance Charges</b>					
Generation	-	65%	35%	-	-
Transmission	-	65%	35%	-	-
Distribution	134.38	65%	35%	87.35	47.03
Customer Care	-	65%	35%	-	-
Finance Charges	134.38			87.35	47.03
<b>Allowed Net Income</b>					
Generation	-	65%	35%	-	-
Transmission	-	65%	35%	-	-
Distribution	105.49	65%	35%	68.57	36.92
Customer Care	-	65%	35%	-	-
Allowed Net Income	105.49			68.57	36.92
<b>Miscellaneous Revenues</b>					
Non Tariff Revenue (Functionalized)	(4.33)	65%	35%	(2.81)	(1.52)
Corporate Miscellaneous Revenue	(1.26)	65%	35%	(0.82)	(0.44)
Miscellaneous Revenues	(5.59)			(3.63)	(1.96)
<b>Deferral Accounts, Revenue Offsets and Other</b>					
Subsidiary Net Income	-	65%	35%	-	-
Def Account Additions	-	65%	35%	-	-
Def Account Net Recovery	-	65%	35%	-	-
Other Utility Revenue	-	65%	35%	-	-
Intersegment revenues	-	65%	35%	-	-
Internal Allocations (GRTA, SDA)	29.50	65%	35%	19.18	10.33
Def Accounts, Offsets and Other	29.50			19.18	10.33
<b>Total Revenue Requirement</b>	<b>601.13</b>			<b>390.74</b>	<b>210.40</b>



Classification of the Customer Care Function - F09 Actual

Costs in \$ millions

Cost of Energy	Customer Care	Customer Demand Related	Cust - Customer Related	Demand Related Costs	Customer Related Costs
IPPs and Long-term Purchases commitment	-	65%	35%	-	-
Domestic Transmission	-	65%	35%	-	-
NIA Generation	-	65%	35%	-	-
Gas Transportation	-	65%	35%	-	-
Water Rentals	-	65%	35%	-	-
Market Purchases	-	65%	35%	-	-
Natural gas for thermal generation	-	65%	35%	-	-
Domestic Transmission	-	65%	35%	-	-
Other, and Surplus Sales	-	65%	35%	-	-
Cost of Energy	-			-	-
<b>O M &amp; A Expenses</b>					
Generation	-	65%	35%	-	-
Transmission	-	65%	35%	-	-
Distribution	98.10	65%	35%	63.77	34.34
Corp Service	32.15	65%	35%	20.90	11.25
O M & A	130.25			84.66	45.59
<b>Depreciation &amp; Amortization</b>					
Generation	-	65%	35%	-	-
Transmission	-	65%	35%	-	-
Distribution	3.23	65%	35%	2.10	1.13
Corporate Services	0.64	65%	35%	0.41	0.22
Amortization	3.87			2.51	1.35
<b>Taxes</b>					
Generation	-	65%	35%	-	-
Transmission	-	65%	35%	-	-
Distribution	-	65%	35%	-	-
Customer Care	-	65%	35%	-	-
Corporate	-	65%	35%	-	-
Taxes	-			-	-
<b>Finance Charges</b>					
Generation	-	65%	35%	-	-
Transmission	-	65%	35%	-	-
Distribution	-	65%	35%	-	-
Customer Care	0.50	65%	35%	0.32	0.17
Finance Charges	0.50			0.32	0.17
<b>Allowed Net Income</b>					
Generation	-	65%	35%	-	-
Distribution	-	65%	35%	-	-
Customer Care	0.39	65%	35%	0.25	0.14
Allowed Net Income	0.39			0.25	0.14
<b>Miscellaneous Revenues</b>					
Non Tariff Revenue (Functionalized)	(12.60)	65%	35%	(8.19)	(4.41)
Corporate Miscellaneous Revenue	(3.66)	65%	35%	(2.38)	(1.28)
Miscellaneous Revenues	(16.26)			(10.57)	(5.69)
<b>Deferral Accounts, Revenue Offsets and Other</b>					
Subsidiary Net Income	-	65%	35%	-	-
Other Utility Revenue	-	65%	35%	-	-
Intersegment revenues	-	65%	35%	-	-
Internal Allocations (GRTA, SDA)	-	65%	35%	-	-
Def Accounts, Offsets and Other	-			-	-
<b>Customer Care Revenue Requirement</b>	<b>118.74</b>			<b>77.18</b>	<b>41.56</b>

**Allocation of Classified Generation Costs to Rate Classes - F09 Actual**

Costs in \$ millions

	<b>Total BC Hydro - F09</b>			
Function	<b>Generation</b>			
Cost Classes	Generation Demand	Generation Demand Related Costs (Sched 2.0)	Generation Energy	Generation Energy Related Costs (Sched 2.0)
Allocation Basis	4 CP (Schedule 5.1)	338.14	Energy Including Loss (Sched 5.0)	1,218.40
Residential	46.37%	156.79	35.06%	427.21
GS Under 35 kW	7.91%	26.75	7.76%	94.52
GS Over 35 kW	24.29%	82.13	27.77%	338.37
Irrigation	0.00%	0.00	0.15%	1.80
Street Lighting	0.57%	1.94	0.42%	5.11
Transmission	20.86%	70.53	28.84%	351.38
<b>Total</b>	100.0%	338.14	100.0%	1,218.40

**Allocation of Classified Transmission Costs to Rate Classes - F09 Actual**

Costs in \$ millions

	<b>Total BC Hydro - F09</b>			
Function	<b>Transmission</b>			
Cost Classes	Transmission Demand	Demand Related Costs (Sched 2.1)	Transmission Meter	Transmission Meter Related Costs (Sched 2.1)
Allocation Basis	4 CP demand including losses (Sched 5.1)	514.41	Transmission Meter (Sched 5.3)	0.08
Residential	46.37%	238.53	0.00%	0.00
GS Under 35 kW	7.91%	40.69	0.00%	0.00
GS Over 35 kW	24.29%	124.94	14.85%	0.01
Irrigation	0.00%	0.00	0.00%	0.00
Street Lighting	0.57%	2.95	0.00%	0.00
Transmission	20.86%	107.30	85.15%	0.07
<b>Total</b>	100.0%	514.41	100.0%	0.08

Allocation of Classified Distribution and Customer Care Costs to Rate Classes - F09 Actual

Costs in \$ millions

Total BC Hydro - F09												
Function	Distribution (including Directly Assigned Street Lighting and Customer Care)											
Cost Classes	Distribution Demand Related	Distribution Demand Related (Sched 2.2a)	Distribution Customer Related	Distribution Customer Related (Sched 2.2a)	Street Light Demand Related	Street Light Demand Related Costs	Street Light Customer	Street Light Customer Related Costs	Customer Care Demand	Customer Care Demand Related Costs	Customer Care Customer	Customer Care Customer Related Costs (Sched 2.3)
Allocation Basis	NCP (Sched 5.1)	390.74	Customer Count	210.40	Street Light Assignment	3.84	Street Light Assignment	2.07	NCP Schedule 5.1	77.18	Customer Count Blended Customer Count and Revenue Allocator	41.56
Residential	59.38%	232.02	88.70%	186.63	0.00%	0.00	0.00%	0.00	59.38%	45.83	82.72%	34.38
GS Under 35 kW	10.49%	40.98	9.25%	19.47	0.00%	0.00	0.00%	0.00	10.49%	8.10	9.22%	3.83
GS Over 35 kW	29.11%	113.76	1.31%	2.76	0.00%	0.00	0.00%	0.00	29.11%	22.47	5.04%	2.09
Irrigation	0.41%	1.62	0.18%	0.39	0.00%	0.00	0.00%	0.00	0.41%	0.32	0.07%	0.03
Street Lighting	0.60%	2.36	0.55%	1.15	100.00%	3.84	100.00%	2.07	0.60%	0.47	1.06%	0.44
Transmission	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	1.90%	0.79
<b>Total</b>	100.0%	390.74	100.0%	210.40	100.0%	3.84	100.0%	2.07	100.0%	77.18	100.0%	41.56

**Summary of Costs by Function by Rate Class - F09 Actual**

<b>Total BC Hydro - F09</b>							
	<b>Summary of Costs by Function - All BCUC Directives Incorporated</b>						
Rate Class	Generation Costs (\$ million)	Transmission Costs (\$ million)	Distribution Costs (\$ million)	F09 Total Cost (\$ million)	F09 Actual Revenue (\$ million)	Revenue - Cost (\$ million)	Rev/Cost Ratio
Residential	584.0	238.5	498.9	1,321.4	1,191.5	-129.9	90.2%
GS Under 35 kW	121.3	40.7	72.4	234.3	288.9	54.6	123.3%
GS Over 35 kW	420.5	125.0	141.1	686.5	760.9	74.4	110.8%
Irrigation	1.8	0.0	2.4	4.2	3.4	-0.8	80.9%
Street Lighting	7.0	3.0	10.3	20.3	23.9	3.6	117.7%
Transmission	421.9	107.4	0.8	530.1	528.3	-1.7	99.7%
<b>Total Classes</b>	1,556.5	514.5	725.8	2,796.8	2,797.0	0.1	100.0%

**Summary of Classified Costs by Function by Rate Class - F09 Actual**

Costs in \$ millions

<b>Total BC Hydro - F09</b>							
Cost Classes	<b>Summary of Costs by Classification</b>						
	Energy Related Costs	Generation Demand Related Costs	Transmission Demand Related Costs	Distribution Demand Related Costs	Total Demand Related Costs	Customer Related Costs	Total
Residential	427.2	156.8	238.5	277.9	673.2	221.0	1,321.4
GS Under 35 kW	94.5	26.7	40.7	49.1	116.5	23.3	234.3
GS Over 35 kW	338.4	82.1	124.9	136.2	343.3	4.9	686.5
Irrigation	1.8	0.0	0.0	1.9	1.9	0.4	4.2
Street Lighting	5.1	1.9	3.0	6.7	11.6	3.7	20.3
Transmission	351.4	70.5	107.3	0.0	177.8	0.9	530.1
<b>Total Classes</b>	1,218.4	338.1	514.4	471.8	1,324.3	254.1	2,796.8

**Energy Allocators for Cost Allocation to Rate Classes - F09 Actual  
Approximated F09 energy and revenue**

<b>F09 Actual</b>	<b>Energy @ Customer Meter</b>	<b>Distribution Loss Factor</b>	<b>Energy @ Transmission Interface</b>	<b>Transmission Loss Factor</b>	<b>Energy @ Generation Interface</b>
	(MWh)		(MWh)		(MWh)
Residential	17,862,133	6.00%	18,933,861	6.00%	20,069,893
GS Under 35 kW	3,952,068	6.00%	4,189,192	6.00%	4,440,544
GS Over 35 kW Secondary	6,650,570	6.00%	7,049,604	6.00%	7,472,580
GS Over 35 kW Primary	7,682,555	3.44%	7,946,835	6.00%	8,423,645
Irrigation	75,454	6.00%	79,981	6.00%	84,780
Street Lighting	213,632	6.00%	226,450	6.00%	240,037
Transmission	<u>15,572,911</u>	0.00%	<u>15,572,911</u>	6.00%	<u>16,507,286</u>
Total	52,009,323		53,998,834		57,238,764 10.05%
<b>Rate Class</b>	<b>Energy by Rate Class</b>	<b>Energy at Generator Allocation Factor</b>			
	(MWh)				
Residential	20,069,893	35.06%			
GS Under 35 kW	4,440,544	7.76%			
GS Over 35	15,896,225	27.77%			
Irrigation	84,780	0.15%			
Street Lighting	240,037	0.42%			
Transmission	<u>16,507,286</u>	<u>28.84%</u>			
	57,238,764	100.00%			

**Demand Allocators - F09 Actual**

<b>Rate Classes</b>	<b>4 CP</b>	<b>NCP w/o T</b>
Residential	46.37%	59.38%
GS Under 35 kW	7.91%	10.49%
GS Over 35 kW	24.29%	29.11%
Irrigation	0.00%	0.41%
Street Lighting	0.57%	0.60%
Transmission	20.86%	0.00%
Total Integrated Area	100.00%	100.00%



**Customer Allocators - F09 Actual**

Rate Class	Actual Number of Accounts F09	# of bills sent per account each year	# of bills sent to rate class each year	# of Bills Allocator
Residential	1,606,156	6	9,636,936	87.17%
GS Under 35 kW	167,574	6	1,005,444	9.10%
GS Over 35 kW	23,712	12	284,544	2.57%
Irrigation	3,325	2	6,650	0.06%
Street Lighting	9,930	12	119,160	1.08%
Transmission	164	12	1,968	0.02%
<b>TOTAL</b>	<b>1,810,861</b>		<b>11,054,702</b>	<b>100.00%</b>

Rate Class	Actual Customer Count F09		Distribution Customer Count	Distribution Customer Allocator
Residential	1,606,156		1,606,156	88.70%
GS Under 35 kW	167,574		167,574	9.25%
GS Over 35 kW	23,712		23,712	1.31%
Irrigation	3,325		3,325	0.18%
Street Lighting	9,930		9,930	0.55%
Transmission	164		-	0.00%
<b>TOTAL</b>	<b>1,810,861</b>		<b>1,810,697</b>	<b>100.00%</b>

Rate Class	Actual Revenue F09 (\$ million)			Revenue Allocator
Residential	1,191.5			42.60%
GS Under 35 kW	288.9			10.33%
GS Over 35 kW	760.9			27.20%
Irrigation	3.4			0.12%
Street Lighting	23.9			0.86%
Transmission	528.3			18.89%
<b>TOTAL</b>	<b>2,797.0</b>			<b>100.00%</b>

Rate Class		Weighting of # of Bills Allocator	Weighting of Revenue Allocator	Blended Customer Care Allocator
		90%	10%	
Residential		78.5%	4.3%	82.72%
GS Under 35 kW		8.2%	1.0%	9.22%
GS Over 35 kW		2.3%	2.7%	5.04%
Irrigation		0.1%	0.0%	0.07%
Street Lights		1.0%	0.1%	1.06%
Transmission		0.0%	1.9%	1.90%
<b>TOTAL</b>				<b>100.00%</b>

**Metering Allocator**

<b>Rate Class</b>	<b>Transmission Meter Replacement Cost</b>	<b>Transmission Meter Cost Allocator</b>
Residential	-	0.00%
GS Under 35 kW	-	0.00%
GS Over 35 kW	2,081,600	14.85%
Irrigation	-	0.00%
Street Lighting	-	0.00%
Transmission	<u>11,931,354</u>	<u>85.15%</u>
<b>TOTAL</b>	<b>14,012,954</b>	<b>100.00%</b>