

FortisBC Inc. – Copper Conductor Replacement Project CPCN Application

ERRATA 1

1. **Project Cost**
Please replace pages 50 and 58 with updated pages 50 and 58 attached.

The Project Cost is forecast to be \$103.24 million, an increase of \$0.77 million, due to minor revisions in the assumed loading rates for 2011 and future years.

There is no change to forecast Project Cost in 2009 and 2010.
2. **Exhibit B-1, Executive Summary, page 6, line 14**
"\$102 million" should read "\$103 million"
3. **Exhibit B-1, Section 1, page 7, line 9**
"\$102 million" should read "\$103 million"
4. **Exhibit B-1, Section 8, page 55, line 24**
"\$102 million" should read "\$103 million"
5. **Exhibit B-1, Appendix B, page 1, 2, 3, 4, 5, 6, 7, 8, and 9.**
Please replace pages 1, 2, 3, 4, 5, 6, 7, 8, and 9 with updated pages 1, 2, 3, 4, 5, 6, 7, 8, and 9 attached.

- 1 The Legacy Copper Conductor Replacement Project cost for the preferred plan of implementation (Plan 1) for a project
2 life of 10 years is summarized in Table 7 below:

Table 7
Summary of Costs

Capital Expenditures	Yearly Cash Flow During the Project Life (\$000s)										
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Project Cost (Unloaded and Inflation Corrected) without COR	0	3,808	5,297	12,989	8,521	8,691	8,865	9,042	9,223	9,408	9,596
Planning and Pre-Engineering	150	0	0	0	0	0	0	0	0	0	0
Regulatory Cost	150	0	0	0	0	0	0	0	0	0	0
Annual Public Consultation Cost	0	75	77	78	80	81	83	84	86	88	90
Capitalized and Direct Overheads (AFUDC = 0)	0	689	897	1,948	1,278	1,304	1,330	1,356	1,383	1,411	1,439
Credit from Sale of Copper	0	(70)	(93)	(218)	(143)	(146)	(149)	(152)	(155)	(158)	(148)
Cost of Removals	0	226	315	772	506	516	527	537	548	559	570
O & M Cost Savings	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Electrical Loss Saving	0	(31)	(72)	(172)	(233)	(294)	(356)	(418)	(482)	(546)	(611)
Project Financial Parameters											
Project Capital Cost	103.24										
Net Present Value	59.38										
NPV of Rate Impact	0.15%										
Max. One Time Rate Impact	0.56%										

1
2

Table 10
Economic Comparison of Alternative Implementation Plans

Item	Plan 1 10 Years	Plan 2 13 Years	Plan 3 15 Years
	\$ Million		
Unloaded Capital Cost without Cost of Removals (COR)	86.56	111.31	119.45
Corporate Loadings (No AFUDC)	13.04	16.79	17.94
Loaded Capital Cost without Cost of Removals (COR)	99.60	128.10	137.39
Cost of Removals without adjusting for Copper Salvage	5.08	6.53	7.00
Credit from Sale of Copper	(1.43)	(1.47)	(1.50)
Project Capital Cost including COR and Salvage	103.24	133.16	142.89
Energy Loss Savings During the first 15 years	(6.33)	(5.54)	(4.91)
Net Present Value	59.38	66.64	64.27
NPV of Rate Impact	0.15%	0.17%	0.16%
Max. One Time Rate Impact	0.56%	0.37%	0.36%

3 **8.5 Comparison of the Implementation Plans**

4 Plan 1 is chosen as the “Preferred Plan for Project Implementation” due to the following
5 reasons:

- 6 • It ensures fastest elimination of the hazardous legacy copper conductors from the
7 187 sensitive public areas;
- 8 • It ensures fastest overall elimination of legacy copper conductor from the system;
- 9 • It is in line with implementation timeline of other North American Utilities; and
- 10 • The difference in NPV and Customer Rate Impact is lower than both Plans 2 and
11 3.

Copper Replacement Project: Plan 1 - 2018 Completion

Line No.		0 Dec-09	1 Dec-10	2 Dec-11	3 Dec-12	4 Dec-13	5 Dec-14	6 Dec-15	11 Dec-20	16 Dec-25	26 Dec-35	36 Dec-45	46 Dec-55
	Summary												
	Revenue Requirements												
1	Annual Operating Expense	(31)	(72)	(172)	(233)	(294)	(356)	(419)	(619)	(641)	(694)	(769)	(937)
2	Depreciation Expense	0	106	242	568	782	1,000	1,222	2,151	2,135	2,100	2,058	2,006
3	Carrying Costs	200	616	1,430	2,366	3,089	3,810	4,530	6,777	5,920	4,207	2,497	789
4	Income Tax	(129)	(216)	(571)	(429)	(443)	(446)	(436)	178	632	995	988	819
5	Yearly Revenue Requirement for Project	40	434	929	2,273	3,134	4,009	4,898	8,486	8,046	6,609	4,774	2,677
6	Net Present Value of Revenue Requirements at a Discount Rate of 10%	4,624											
	Rate Impact												
8	Revenue Requirement Inflation	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
9	Cummulative Revenue Requirement Inflation	2.00%	4.04%	6.12%	8.24%	10.41%	12.62%	14.87%	26.82%	40.02%	70.69%	108.07%	153.63%
10	Forecast Revenue Requirements (\$2008)	225,369	229,916	234,908	240,093	246,219	251,959	257,811	288,759	317,537	383,912	464,702	563,297
11	Incremental Revenue Requirements	40	394	495	1,343	861	875	889	(55)	(107)	(166)	(201)	(216)
12	Rate Impact	0.0%	0.2%	0.2%	0.56%	0.3%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
13	Cummulative Rate Impact	0.02%	0.19%	0.40%	0.96%	1.32%	1.67%	2.02%	3.37%	3.22%	2.80%	2.36%	1.94%
14	Discounted Yearly Revenue Requirement for Project at a Discount Rate of 6%	40	372	441	1,128	682	654	626	(29)	(42)	(37)	(25)	(15)
15	Discounted Yearly Revenue Requirement for Project at a Discount Rate of 8%	40	365	425	1,066	633	596	560	(23)	(31)	(22)	(13)	(6)
16	Discounted Yearly Revenue Requirement for Project at a Discount Rate of 10%	40	359	409	1,009	588	543	502	(19)	(23)	(14)	(6)	(3)
17	NPV of Project / Total Revenue Requirements at at a Discount Rate of 10%	0.15%											
	Discounted Cash Flow												
19	Net Power Purchase Expense	(31)	(72)	(172)	(233)	(294)	(356)	(419)	(619)	(641)	(694)	(769)	(937)
20	Income Tax	(129)	(216)	(571)	(429)	(443)	(446)	(436)	178	632	995	988	819
21	Capital Cost	4,867	6,259	14,988	9,841	10,028	10,218	10,413	(133)	(147)	(179)	(218)	(266)
22	Total Revenue Requirement for Project	4,707	5,971	14,246	9,179	9,290	9,417	9,558	(574)	(156)	122	1	(385)
23	Project Net Present Value at at a Discount Rate of 10%	59,383											

Line No.	0 Dec-09	1 Dec-10	2 Dec-11	3 Dec-12	4 Dec-13	5 Dec-14	6 Dec-15	11 Dec-20	16 Dec-25	26 Dec-35	36 Dec-45	46 Dec-55
24	Regulatory Assumptions											
25	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%
26	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%
27	9.02%	9.02%	9.02%	9.02%	9.02%	9.02%	9.02%	9.02%	9.02%	9.02%	9.02%	9.02%
28	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%
29	6.30%	6.40%	6.40%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%
30	Capital Cost											
31	3,808	5,297	12,989	8,521	8,691	8,865	9,042	0	0	0	0	0
32												
33												
34	75	77	78	80	81	83	84	0	0	0	0	0
35	(5)	(11)	(27)	(38)	(48)	(59)	(71)	(133)	(147)	(179)	(218)	(266)
36	689	897	1,948	1,278	1,304	1,330	1,356	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0
38	4,567	6,259	14,988	9,841	10,028	10,218	10,413	(133)	(147)	(179)	(218)	(266)
39	4,867	11,126	26,115	35,956	45,984	56,202	66,614	98,742	98,035	96,394	94,394	91,955
40	0	0										
42	4,567	6,259	14,988	9,841	10,028	10,218	10,413	(133)	(147)	(179)	(218)	(266)
43	4,867	11,126	26,115	35,956	45,984	56,202	66,614	98,742	98,035	96,394	94,394	91,955
41	156	222	554	363	371	378	385	0	0	0	0	0
43	4,723	6,481	15,542	10,204	10,398	10,596	10,798	(133)	(147)	(179)	(218)	(266)
44	4,867	6,259	14,988	9,841	10,028	10,218	10,413	(133)	(147)	(179)	(218)	(266)
45	4,867	11,126	26,115	35,956	45,984	56,202	66,614	98,742	98,035	96,394	94,394	91,955
46	0	0	0	0	0	0	0	0	0	0	0	0
47	Annual Operating Costs / (Savings)											
48	(31)	(72)	(172)	(233)	(294)	(356)	(419)	(619)	(641)	(694)	(769)	(937)
49	(31)	(72)	(172)	(233)	(294)	(356)	(419)	(619)	(641)	(694)	(769)	(937)
50	Depreciation Expense											
51	0	4,867	11,126	26,115	35,956	45,984	56,202	98,875	98,182	96,573	94,612	92,221
52	4,867	6,259	14,988	9,841	10,028	10,218	10,413	(133)	(147)	(179)	(218)	(266)
53	4,867	11,126	26,115	35,956	45,984	56,202	66,614	98,742	98,035	96,394	94,394	91,955
54	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%
55	0	106	242	568	782	1,000	1,222	2,151	2,135	2,100	2,058	2,006

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56	Net Book Value											
57	4,867	11,126	26,115	35,956	45,984	56,202	66,614	98,742	98,035	96,394	94,394	91,955
58	156	272	583	379	(33)	(655)	(1,492)	(9,622)	(20,331)	(41,498)	(62,275)	(82,576)
	5,023	11,398	26,698	36,334	45,951	55,547	65,122	89,119	77,705	54,896	32,118	9,379
59	0	0	0	0	0	0	0	0	0	0	0	0
60	5,023	11,398	26,698	36,334	45,951	55,547	65,122	89,119	77,705	54,896	32,118	9,379
61	Carrying Costs on Average NBV											
62	96	296	687	1,137	1,484	1,831	2,177	3,257	2,845	2,022	1,200	379
63	104	320	743	1,229	1,605	1,979	2,353	3,520	3,075	2,185	1,297	410
64	200	616	1,430	2,366	3,089	3,810	4,530	6,777	5,920	4,207	2,497	789
65	Income Tax Expense											
66	30.00%	29.00%	27.50%	26.00%	26.00%	26.00%	26.00%	26.00%	26.00%	26.00%	26.00%	26.00%
67	Income Tax on Equity Return											
69	96	296	687	1,137	1,484	1,831	2,177	3,257	2,845	2,022	1,200	379
70	137	417	948	1,537	2,006	2,474	2,942	4,401	3,844	2,732	1,621	513
71	41	121	261	400	522	643	765	1,144	1,000	710	422	133
72	Income Tax on Timing Differences											
73	0	106	242	568	782	1,000	1,222	2,151	2,135	2,100	2,058	2,006
74	204	314	1,039	682	695	709	723	0	0	0	0	0
74	193	617	1,394	2,244	2,833	3,390	3,917	4,900	3,182	1,289	446	55
75	(397)	(825)	(2,191)	(2,357)	(2,746)	(3,099)	(3,418)	(2,749)	(1,046)	812	1,611	1,950
76	(567)	(1,162)	(3,023)	(3,186)	(3,711)	(4,188)	(4,619)	(3,715)	(1,414)	1,097	2,178	2,636
77	(170)	(337)	(831)	(828)	(965)	(1,089)	(1,201)	(966)	(368)	285	566	685
78	(129)	(216)	(571)	(429)	(443)	(446)	(436)	178	632	995	988	819
79	Capital Cost Allowance											
80	0	4,626	10,176	23,285	30,564	37,434	43,931	61,316	39,843	16,201	5,688	826
81	4,819	6,167	14,503	9,522	9,703	9,887	10,075	(133)	(147)	(179)	(218)	(266)
82	4,819	10,793	24,679	32,808	40,267	47,321	54,005	61,182	39,696	16,022	5,470	560
83	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
84	0	370	814	1,863	2,445	2,995	3,514	4,905	3,187	1,296	455	66
85	193	247	580	381	388	395	403	(5)	(6)	(7)	(9)	(11)
86	193	617	1,394	2,244	2,833	3,390	3,917	4,900	3,182	1,289	446	55
87	4,626	10,176	23,285	30,564	37,434	43,931	50,088	56,283	36,515	14,733	5,024	505

Copper Replacement Project: Plan 2 - 2021 Completion

Line No.		0 Dec-09	1 Dec-10	2 Dec-11	3 Dec-12	4 Dec-13	5 Dec-14	6 Dec-15	11 Dec-20	16 Dec-25	26 Dec-35	36 Dec-45	46 Dec-55
	Summary												
	Revenue Requirements												
1	Annual Operating Expense	(46)	(93)	(140)	(185)	(232)	(278)	(326)	(572)	(641)	(694)	(769)	(937)
2	Depreciation Expense	0	161	324	494	667	850	1,044	2,202	2,758	2,721	2,675	2,620
3	Carrying Costs	298	859	1,437	2,021	2,615	3,235	3,881	7,567	8,074	5,887	3,702	1,521
4	Income Tax	(305)	(340)	(334)	(331)	(352)	(366)	(373)	(314)	593	1,229	1,295	1,112
5	Yearly Revenue Requirement for Project	(54)	587	1,287	1,998	2,698	3,440	4,225	8,882	10,784	9,143	6,903	4,315
6	Net Present Value of Revenue Requirements at a Discount Rate of 10%	5,218											
7	Rate Impact												
8	Revenue Requirement Inflation	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
9	Cumulative Revenue Requirement Inflation	2.00%	4.04%	6.12%	8.24%	10.41%	12.62%	14.87%	26.82%	40.02%	70.69%	108.07%	153.63%
10	Forecast Revenue Requirements (\$2008)	225,369	229,823	235,061	240,451	245,945	251,524	257,242	288,064	320,276	386,478	466,877	564,987
11	Incremental Revenue Requirements	(54)	641	700	711	700	742	786	1,036	(109)	(198)	(246)	(267)
12	Rate Impact	-0.02%	0.28%	0.30%	0.30%	0.28%	0.29%	0.31%	0.36%	-0.03%	-0.05%	-0.05%	-0.05%
13	Cumulative Rate Impact	-0.02%	0.26%	0.55%	0.85%	1.14%	1.44%	1.75%	3.48%	4.14%	3.66%	3.12%	2.61%
14	Discounted Yearly Revenue Requirement for Project at a Discount Rate of 6%	(54)	605	623	597	554	554	554	546	(43)	(44)	(30)	(18)
15	Discounted Yearly Revenue Requirement for Project at a Discount Rate of 8%	(54)	593	600	564	514	505	495	444	(32)	(27)	(15)	(8)
16	Discounted Yearly Revenue Requirement for Project at a Discount Rate of 10%	(54)	583	579	534	478	461	444	363	(24)	(17)	(8)	(3)
17	NPV of Project / Total Revenue Requirements at at a Discount Rate of 10%	0.17%											
18	Discounted Cash Flow												
19	Net Power Purchase Expense	(46)	(93)	(140)	(185)	(232)	(278)	(326)	(572)	(641)	(694)	(769)	(937)
20	Income Tax	(305)	(340)	(334)	(331)	(352)	(366)	(373)	(314)	593	1,229	1,295	1,112
21	Capital Cost	7,384	7,503	7,819	7,947	8,420	8,923	9,456	12,628	(156)	(191)	(233)	(283)
22	Total Revenue Requirement for Project	7,033	7,071	7,345	7,430	7,836	8,278	8,757	11,741	(204)	345	293	(109)
23	Project Net Present Value at at a Discount Rate of 10%	66,637											

Line No.	0 Dec-09	1 Dec-10	2 Dec-11	3 Dec-12	4 Dec-13	5 Dec-14	6 Dec-15	11 Dec-20	16 Dec-25	26 Dec-35	36 Dec-45	46 Dec-55
24	Regulatory Assumptions											
25	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%
26	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%
27	9.02%	9.02%	9.02%	9.02%	9.02%	9.02%	9.02%	9.02%	9.02%	9.02%	9.02%	9.02%
28	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%
29	6.30%	6.40%	6.40%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%
30	Capital Cost											
31	5,942	6,363	6,750	6,867	7,284	7,727	8,197	11,011	0	0	0	0
32												
33												
34	75	77	78	80	81	83	84	93	0	0	0	0
35	(7)	(15)	(22)	(30)	(38)	(46)	(55)	(128)	(156)	(191)	(233)	(283)
36	1,075	1,078	1,013	1,030	1,093	1,159	1,230	1,652	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0
38	7,084	7,503	7,819	7,947	8,420	8,923	9,456	12,628	(156)	(191)	(233)	(283)
39	7,384	14,887	22,706	30,652	39,073	47,996	57,452	113,871	126,647	124,899	122,769	120,172
40	0	0										
42	7,084	7,503	7,819	7,947	8,420	8,923	9,456	12,628	(156)	(191)	(233)	(283)
43	7,384	14,887	22,706	30,652	39,073	47,996	57,452	113,871	126,647	124,899	122,769	120,172
41	249	272	293	303	325	349	375	531	0	0	0	0
43	7,334	7,775	8,112	8,249	8,746	9,272	9,831	13,159	(156)	(191)	(233)	(283)
44	7,384	7,503	7,819	7,947	8,420	8,923	9,456	12,628	(156)	(191)	(233)	(283)
45	7,384	14,887	22,706	30,652	39,073	47,996	57,452	113,871	126,647	124,899	122,769	120,172
46	0	0	0	0	0	0	0	0	0	0	0	0
47	Annual Operating Costs / (Savings)											
48	(46)	(93)	(140)	(185)	(232)	(278)	(326)	(572)	(641)	(694)	(769)	(937)
49	(46)	(93)	(140)	(185)	(232)	(278)	(326)	(572)	(641)	(694)	(769)	(937)
50	Depreciation Expense											
51	0	7,384	14,887	22,706	30,652	39,073	47,996	101,243	126,803	125,090	123,001	120,455
52	7,384	7,503	7,819	7,947	8,420	8,923	9,456	12,628	(156)	(191)	(233)	(283)
53	7,384	14,887	22,706	30,652	39,073	47,996	57,452	113,871	126,647	124,899	122,769	120,172
54	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%
55	0	161	324	494	667	850	1,044	2,202	2,758	2,721	2,675	2,620

Line No.	0 Dec-09	1 Dec-10	2 Dec-11	3 Dec-12	4 Dec-13	5 Dec-14	6 Dec-15	11 Dec-20	16 Dec-25	26 Dec-35	36 Dec-45	46 Dec-55
56	Net Book Value											
57	7,384	14,887	22,706	30,652	39,073	47,996	57,452	113,871	126,647	124,899	122,769	120,172
58	249	361	331	139	(202)	(702)	(1,371)	(7,608)	(20,569)	(47,949)	(74,914)	(101,371)
	7,634	15,249	23,037	30,792	38,871	47,293	56,081	106,263	106,078	76,950	47,855	18,801
59	0	0	0	0	0	0	0	0	0	0	0	0
60	7,634	15,249	23,037	30,792	38,871	47,293	56,081	106,263	106,078	76,950	47,855	18,801
61	Carrying Costs on Average NBV											
62	143	413	691	971	1,257	1,554	1,865	3,636	3,880	2,829	1,779	731
63	155	446	747	1,050	1,358	1,680	2,016	3,931	4,194	3,058	1,923	790
64	298	859	1,437	2,021	2,615	3,235	3,881	7,567	8,074	5,887	3,702	1,521
65	Income Tax Expense											
66	30.00%	29.00%	27.50%	26.00%	26.00%	26.00%	26.00%	26.00%	26.00%	26.00%	26.00%	26.00%
67												
68	Income Tax on Equity Return											
69	143	413	691	971	1,257	1,554	1,865	3,636	3,880	2,829	1,779	731
70	204	581	953	1,312	1,698	2,101	2,520	4,914	5,243	3,823	2,404	987
71	61	169	262	341	442	546	655	1,278	1,363	994	625	257
72	Income Tax on Timing Differences											
73	0	161	324	494	667	850	1,044	2,202	2,758	2,721	2,675	2,620
74	573	575	540	549	583	618	656	881	0	0	0	0
74	282	830	1,355	1,857	2,343	2,828	3,315	5,852	4,949	2,051	770	187
75	(856)	(1,244)	(1,571)	(1,913)	(2,259)	(2,597)	(2,927)	(4,531)	(2,191)	670	1,905	2,433
76	(1,222)	(1,753)	(2,167)	(2,585)	(3,053)	(3,509)	(3,956)	(6,123)	(2,961)	906	2,575	3,288
77	(367)	(508)	(596)	(672)	(794)	(912)	(1,028)	(1,592)	(770)	235	669	855
78	(305)	(340)	(334)	(331)	(352)	(366)	(373)	(314)	593	1,229	1,295	1,112
79	Capital Cost Allowance											
80	0	6,778	13,148	19,366	25,208	31,028	36,853	67,010	61,940	25,727	9,739	2,479
81	7,060	7,201	7,572	7,700	8,163	8,654	9,176	12,278	(156)	(191)	(233)	(283)
82	7,060	13,979	20,720	27,065	33,371	39,682	46,029	79,288	61,783	25,537	9,506	2,196
83	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
84	0	542	1,052	1,549	2,017	2,482	2,948	5,361	4,955	2,058	779	198
85	282	288	303	308	327	346	367	491	(6)	(8)	(9)	(11)
86	282	830	1,355	1,857	2,343	2,828	3,315	5,852	4,949	2,051	770	187
87	6,778	13,148	19,366	25,208	31,028	36,853	42,714	73,436	56,834	23,486	8,737	2,009

Copper Replacement Project: Plan 3 - 2023 Completion

Line No.	0 Dec-09	1 Dec-10	2 Dec-11	3 Dec-12	4 Dec-13	5 Dec-14	6 Dec-15	11 Dec-20	16 Dec-25	26 Dec-35	36 Dec-45	46 Dec-55
Summary												
Revenue Requirements												
1	(39)	(93)	(140)	(185)	(232)	(278)	(326)	(572)	(641)	(694)	(769)	(937)
2	0	136	273	416	568	728	898	1,914	2,963	2,924	2,876	2,818
3	254	726	1,212	1,714	2,236	2,780	3,347	6,585	8,972	6,626	4,282	1,942
4	(257)	(286)	(281)	(287)	(307)	(320)	(328)	(280)	438	1,263	1,394	1,225
5	(41)	484	1,065	1,658	2,265	2,910	3,593	7,646	11,732	10,118	7,784	5,048
6	5,037											
Rate Impact												
8	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
9	2.00%	4.04%	6.12%	8.24%	10.41%	12.62%	14.87%	26.82%	40.02%	70.69%	108.07%	153.63%
10	225,369	229,835	234,958	240,228	245,604	251,091	256,712	286,962	321,210	387,457	467,770	565,736
11	(41)	525	581	593	608	644	683	902	(95)	(203)	(259)	(283)
12	0.0%	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%	0.0%	-0.1%	-0.1%	-0.1%
13	-0.02%	0.21%	0.46%	0.71%	0.95%	1.21%	1.48%	2.99%	4.38%	3.91%	3.35%	2.81%
14	(41)	495	517	498	481	482	481	475	(37)	(45)	(32)	(19)
15	(41)	486	498	470	447	439	430	387	(28)	(27)	(16)	(8)
16	(41)	477	480	445	415	400	386	316	(21)	(17)	(8)	(4)
17	0.16%											
Discounted Cash Flow												
19	(39)	(93)	(140)	(185)	(232)	(278)	(326)	(572)	(641)	(694)	(769)	(937)
20	(257)	(286)	(281)	(287)	(307)	(320)	(328)	(280)	438	1,263	1,394	1,225
21	6,258	6,310	6,575	6,966	7,381	7,821	8,288	11,065	(164)	(200)	(243)	(296)
22	5,963	5,931	6,154	6,493	6,842	7,222	7,634	10,213	(367)	369	382	(9)
23	64,272											

Line No.		0 Dec-09	1 Dec-10	2 Dec-11	3 Dec-12	4 Dec-13	5 Dec-14	6 Dec-15	11 Dec-20	16 Dec-25	26 Dec-35	36 Dec-45	46 Dec-55
24	Regulatory Assumptions												
25	Equity Component	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%
26	Debt Component	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%
27	Equity Return	9.02%	9.02%	9.02%	9.02%	9.02%	9.02%	9.02%	9.02%	9.02%	9.02%	9.02%	9.02%
28	Debt Return	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%
29	AFUDC	6.30%	6.40%	6.40%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%
30	Capital Cost												
31	Project Cost (Unloaded & Inflation Corrected)	4,987	5,341	5,666	6,010	6,375	6,763	7,174	9,637	0	0	0	0
32	Planning & Pre-Engineering												
33	Regulatory Cost (Oral Hearing)												
34	Yearly Public Consultation Cost	75	77	78	80	81	83	84	93	0	0	0	0
35	Yearly Capital Cost Savings	(6)	(12)	(19)	(25)	(32)	(40)	(47)	(111)	(164)	(200)	(243)	(296)
36	Capitalized & Direct Overheads	902	904	850	902	956	1,014	1,076	1,446	0	0	0	0
37	AFUDC = 0	0	0	0	0	0	0	0	0	0	0	0	0
38	Total Construction Cost in Year (Less Land Cost)	5,958	6,310	6,575	6,966	7,381	7,821	8,288	11,065	(164)	(200)	(243)	(296)
39	Cumulative Construction Cost	6,258	12,568	19,142	26,108	33,489	41,309	49,597	99,049	136,050	134,222	131,993	129,277
40	Land	0	0										
42	Total Capital Cost in Year	5,958	6,310	6,575	6,966	7,381	7,821	8,288	11,065	(164)	(200)	(243)	(296)
43	Cumulative Capital Cost	6,258	12,568	19,142	26,108	33,489	41,309	49,597	99,049	136,050	134,222	131,993	129,277
41	Cost of Removal	209	229	246	265	285	306	328	464	0	0	0	0
43	Total Construction Cost in Year	6,167	6,538	6,821	7,231	7,665	8,127	8,616	11,529	(164)	(200)	(243)	(296)
	Total Project Capital Cost including COR and Salvage	6,173	6,550	6,840	7,256	7,698	8,166	8,663	11,640				
44	Additions to Plant in Service	6,258	6,310	6,575	6,966	7,381	7,821	8,288	11,065	(164)	(200)	(243)	(296)
45	Cummulative Additions to Plant	6,258	12,568	19,142	26,108	33,489	41,309	49,597	99,049	136,050	134,222	131,993	129,277
46	CWIP	0	0	0	0	0	0	0	0	0	0	0	0
47	Annual Operating Costs / (Savings)												
48	Energy Loss Savings	(39)	(93)	(140)	(185)	(232)	(278)	(326)	(572)	(641)	(694)	(769)	(937)
49	Total Incremental Operating Costs (Savings)	(39)	(93)	(140)	(185)	(232)	(278)	(326)	(572)	(641)	(694)	(769)	(937)
50	Depreciation Expense												
51	Opening Cash Outlay	0	6,258	12,568	19,142	26,108	33,489	41,309	87,984	136,213	134,421	132,237	129,574
52	Additions in Year (Without Land-Since no Depreciation for Land)	6,258	6,310	6,575	6,966	7,381	7,821	8,288	11,065	(164)	(200)	(243)	(296)
53	Cumulative Total	6,258	12,568	19,142	26,108	33,489	41,309	49,597	99,049	136,050	134,222	131,993	129,277
54	Depreciation Rate - composite average	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%
55	Depreciation Expense (Without Land)	0	136	273	416	568	728	898	1,914	2,963	2,924	2,876	2,818

Line No.	0 Dec-09	1 Dec-10	2 Dec-11	3 Dec-12	4 Dec-13	5 Dec-14	6 Dec-15	11 Dec-20	16 Dec-25	26 Dec-35	36 Dec-45	46 Dec-55
56	Net Book Value											
57	6,258	12,568	19,142	26,108	33,489	41,309	49,597	99,049	136,050	134,222	131,993	129,277
58	209	302	275	123	(160)	(583)	(1,153)	(6,540)	(18,115)	(47,533)	(76,516)	(104,968)
	<u>6,467</u>	<u>12,870</u>	<u>19,417</u>	<u>26,231</u>	<u>33,329</u>	<u>40,727</u>	<u>48,444</u>	<u>92,508</u>	<u>117,935</u>	<u>86,689</u>	<u>55,477</u>	<u>24,309</u>
59	0	0	0	0	0	0	0	0	0	0	0	0
60	<u>6,467</u>	<u>12,870</u>	<u>19,417</u>	<u>26,231</u>	<u>33,329</u>	<u>40,727</u>	<u>48,444</u>	<u>92,508</u>	<u>117,935</u>	<u>86,689</u>	<u>55,477</u>	<u>24,309</u>
61	Carrying Costs on Average NBV											
62	122	349	582	823	1,074	1,336	1,609	3,164	4,311	3,184	2,058	933
63	132	377	630	890	1,161	1,444	1,739	3,420	4,660	3,442	2,224	1,009
64	<u>254</u>	<u>726</u>	<u>1,212</u>	<u>1,714</u>	<u>2,236</u>	<u>2,780</u>	<u>3,347</u>	<u>6,585</u>	<u>8,972</u>	<u>6,626</u>	<u>4,282</u>	<u>1,942</u>
65	Income Tax Expense											
66	30.00%	29.00%	27.50%	26.00%	26.00%	26.00%	26.00%	26.00%	26.00%	26.00%	26.00%	26.00%
67												
68	Income Tax on Equity Return											
69	122	349	582	823	1,074	1,336	1,609	3,164	4,311	3,184	2,058	933
70	174	491	803	1,113	1,452	1,805	2,174	4,276	5,826	4,303	2,781	1,261
71	<u>52</u>	<u>142</u>	<u>221</u>	<u>289</u>	<u>378</u>	<u>469</u>	<u>565</u>	<u>1,112</u>	<u>1,515</u>	<u>1,119</u>	<u>723</u>	<u>328</u>
72	Income Tax on Timing Differences											
73	0	136	273	416	568	728	898	1,914	2,963	2,924	2,876	2,818
74	481	482	453	481	510	541	574	771	0	0	0	0
74	239	702	1,143	1,576	2,006	2,435	2,866	5,103	6,026	2,514	966	265
75	<u>(721)</u>	<u>(1,048)</u>	<u>(1,323)</u>	<u>(1,640)</u>	<u>(1,948)</u>	<u>(2,248)</u>	<u>(2,541)</u>	<u>(3,960)</u>	<u>(3,064)</u>	<u>410</u>	<u>1,911</u>	<u>2,553</u>
76	<u>(1,030)</u>	<u>(1,476)</u>	<u>(1,824)</u>	<u>(2,217)</u>	<u>(2,633)</u>	<u>(3,038)</u>	<u>(3,434)</u>	<u>(5,352)</u>	<u>(4,140)</u>	<u>553</u>	<u>2,582</u>	<u>3,450</u>
77	<u>(309)</u>	<u>(428)</u>	<u>(502)</u>	<u>(576)</u>	<u>(685)</u>	<u>(790)</u>	<u>(893)</u>	<u>(1,391)</u>	<u>(1,076)</u>	<u>144</u>	<u>671</u>	<u>897</u>
78	<u>(257)</u>	<u>(286)</u>	<u>(281)</u>	<u>(287)</u>	<u>(307)</u>	<u>(320)</u>	<u>(328)</u>	<u>(280)</u>	<u>438</u>	<u>1,263</u>	<u>1,394</u>	<u>1,225</u>
79	Capital Cost Allowance											
80	0	5,747	11,101	16,326	21,499	26,648	31,799	58,406	75,413	31,526	12,192	3,464
81	5,986	6,056	6,368	6,750	7,155	7,585	8,042	10,759	(164)	(200)	(243)	(296)
82	<u>5,986</u>	<u>11,803</u>	<u>17,468</u>	<u>23,075</u>	<u>28,655</u>	<u>34,234</u>	<u>39,841</u>	<u>69,164</u>	<u>75,249</u>	<u>31,326</u>	<u>11,948</u>	<u>3,168</u>
83	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
84	0	460	888	1,306	1,720	2,132	2,544	4,672	6,033	2,522	975	277
85	239	242	255	270	286	303	322	430	(7)	(8)	(10)	(12)
86	<u>239</u>	<u>702</u>	<u>1,143</u>	<u>1,576</u>	<u>2,006</u>	<u>2,435</u>	<u>2,866</u>	<u>5,103</u>	<u>6,026</u>	<u>2,514</u>	<u>966</u>	<u>265</u>
87	<u>5,747</u>	<u>11,101</u>	<u>16,326</u>	<u>21,499</u>	<u>26,648</u>	<u>31,799</u>	<u>36,975</u>	<u>64,062</u>	<u>69,223</u>	<u>28,812</u>	<u>10,983</u>	<u>2,902</u>