- Q. [Reserve] Please provide the actual accumulated provision for depreciation by account or subaccount as of the end of the depreciation test period. If the amounts were allocated, then provide the entire analyses associated with the allocation along with a detailed narrative.
- 5
 6 A. Please refer to pages III-10 through III-14 of the 2010 Depreciation Study. The amounts were not allocated. The schedules on these pages are provided in Attachment A.

Accumulated Provision for Depreciation

Schedule 1. Summary of Service Life and Net Salvage Estimates and Calculated Annual Depreciation Related to Original Cost of Electric Plant at December 31, 2010

	Depreciable Group (1)	Probable	Estimated Survivor Curve (3)	Net Salvage <u>Percent</u> (4)	Original Cost at 12/31/10 (5)	Annual Accrual Amount (6)	Annual Accrual Rate (7)=(6)/(5)	Calculated Accrued Depreciation (8)
	(1)	(2)	(3)	(4)	(3)	(6)	(1)=(0)/(3)	(6)
DEPREC	IABLE PLANT							
Hydro Pr	oduction							
320	Land and Land Clearing		75 - R2.5	0	973,085	13,864	1.42	356,362
321	Roads, Trails, and Bridges		55 - R3	(10)	3,589,122	75,691	2.11	1,342,495
322	Buildings and Structures		75 - R2.5	(25)	9,063,594	166,617	1.84	3,557,957
323	Canals, Penstocks, Surge Tanks and Tailraces		60 - L2.5	(25)	57,163,996	1,350,401	2.36	18,588,665
324	Dams and Reservoirs		70 - S0.5	(25)	31,450,495	658,454	2.09	12,325,536
325	Prime Movers, Generators and Auxiliaries		65 - R2	(25)	33,721,346	757,208	2.25	11,264,705
326	Switching, Metering and Control Equipment		40 - S0	(25)	15,045,954	616,362	4.10	4,358,313
327	Miscellaneous Power Plant Equipment		50 - R2	(25)	1,028,134	28,941	2.81	409,305
	Total Hydro Production				152,035,725	3,667,538	2.41	52,203,338
Other Pr	oduction							
331	Buildings and Structures							
	Port Aux Basques Diesel	6-2016	60 - S0	(20)	266,733	15,343	5.75	237,788
	Green Hill Gas Turbine	6-2021	60 - S0	(3)	461,618	23,348	5.06	242,771
	Wesleyville Gas Turbine	6-2021	60 - S0	(3)	73,725	3,007	4.08	46,155
	Total Account 331				802,076	41,698		526,714
332	Electrical Plant							
	Port Union Diesel	12-2010	70 - L0	(65)	10,147	-	-	16,742
	Port Aux Basques Diesel	6-2016	70 - L0	(20)	110,821	4,214	3.80	110,577
	Green Hill Gas Turbine	6-2021	70 - L0	(3)	632,493	32,075	5.07	335,042
	Wesleyville Gas Turbine	6-2021	70 - L0	(3)	223,216	12,460	5.58	106,966
	Mobile Diesel #3	6-2036	70 - L0	0	1,352,165	49,933	3.69	323,676
	Total Account 332				2,328,841	98,682		893,003

Schedule 1. Summary of Service Life and Net Salvage Estimates and Calculated Annual Depreciation Related to Original Cost of Electric Plant at December 31, 2010

	Depreciable Group	Probable Retirement <u>Year</u>	Estimated Survivor Curve	Net Salvage Percent	Original Cost at 12/31/10	Annual Accrual Amount	Annual Accrual Rate	Calculated Accrued Depreciation
	(1)	(2)	(3)	(4)	(5)	(6)	(7)=(6)/(5)	(8)
333	Prime Movers, Generators and Auxiliaries							
	Port Union Diesel	12-2010	50 - L1	(65)	52,594	-	-	86,781
	Port Aux Basques Diesel	6-2016	50 - L1	(20)	455,975	20,323	4.46	440,940
	Portable Gas Turbine	6-2016	50 - L1	0	2,443,732	183,010	7.49	1,460,019
	Green Hill Gas Turbine	6-2021	50 - L1	(3)	5,894,244	213,217	3.62	4,028,222
	Wesleyville Gas Turbine	6-2021	50 - L1	(3)	7,773,362	451,834	5.81	3,514,971
	Mobile Diesel #3	6-2036	50 - L1	0	666,660	24,746	3.71	160,522
	Total Account 333			•	17,286,568	893,130		9,691,455
334	Fuel Holders							
	Port Union Diesel	12-2010	Square	(65)	17,545	-	-	28,949
	Port Aux Basques Diesel	6-2016	Square	(20)	95,357	11,388	11.94	51,793
	Green Hill Gas Turbine	6-2021	Square	(3)	539,385	27,818	5.16	263,389
	Wesleyville Gas Turbine	6-2021	Square	(3)	201,410	9,932	4.93	103,128
	Total Account 334		·	. ,	853,697	49,138		447,259
335	Miscellaneous Power Plant Equipment							
	Port Aux Basques Diesel	6-2016	Square	(20)	6,898	144	2.09	7,485
	Total Account 335		·	` ′ .				
	Total Other Production				21,278,080	1,082,792	5.09	11,565,916
Substation								
341	Buildings and Structures		50 - R2.5	(15)	8,542,104	219,032	2.56	2,960,223
342	Equipment		50 - R1.5	(15)	144,737,625	3,875,508	2.68	55,781,275
	Total Substation				153,279,729	4,094,540	2.67	58,741,498

Schedule 1. Summary of Service Life and Net Salvage Estimates and Calculated Annual Depreciation Related to Original Cost of Electric Plant at December 31, 2010

	Depreciable Group	Probable Retirement Year	Estimated Survivor Curve	Net Salvage Percent	Original Cost at 12/31/10	Annual Accrual Amount	Annual Accrual Rate	Calculated Accrued Depreciation
	(1)	(2)	(3)	(4)	(5)	(6)	(7)=(6)/(5)	(8)
Transmiss	ion							
350.01	ROW Clearing and Easement Survey		65 - R4	0	6,864,004	109,220	1.59	2,874,405
350.02	Roads, Trails and Bridges		65 - R4	0	76,200	1,217	1.60	30,598
353.1	Overhead Conductors		55 - R3	(35)	24,324,145	629,266	2.59	12,476,441
353.2	Underground Cables		50 - R4	(25)	1,034,644	25,791	2.49	783,771
355.1	Poles		47 - R2	(35)	32,354,167	1,005,641	3.11	17,292,743
355.2	Pole Fixtures		47 - R2	(35)	23,125,858	748,630	3.24	10,542,216
355.3	Insulators		31 - S1	(35)	20,944,929	988,746	4.72	11,356,715
	Total Transmission				108,723,947	3,508,511	3.23	55,356,889
Distributio	n							
	Overhead Conductors and Underground Cables							
361.1	Bare Copper		48 - R1.5	(25)	667,917	14,513	2.17	588,525
361.11	Weather-Proof Copper		44 - R2	(25)	1,737,353	38,919	2.24	1,756,262
361.12	Bare Aluminum		55 - R2.5	(30)	105,695,941	2,762,546	2.61	43,202,211
361.13	Weather-Proof Aluminum		32 - R1.5	(30)	28,794,084	1,264,327	4.39	15,841,574
361.14	Aerial Cable		26 - R1	(25)	709,872	28,684	4.04	570,798
361.15	Duplex, Triplex, and Quadruplex		44 - R2	(30)	4,817,731	168,244	3.49	1,674,769
361.2	Underground Cables		45 - R3	(5)	20,889,633	509,558	2.44	8,989,411
361.3	Special Insulated Copper Cable		26 - R1	(25)	102,076	3,504	3.43	101,564
361.4	Submarine Cable		40 - R3	0	3,607,249	91,509	2.54	1,911,451
	Total Account 361				167,021,857	4,881,804		74,636,565

Schedule 1. Summary of Service Life and Net Salvage Estimates and Calculated Annual Depreciation Related to Original Cost of Electric Plant at December 31, 2010

	Depreciable Group	Probable Retirement Year	Estimated Survivor Curve	Net Salvage Percent	Original Cost at 12/31/10	Annual Accrual Amount	Annual Accrual Rate	Calculated Accrued Depreciation
	(1)	(2)	(3)	(4)	(5)	(6)	(7)=(6)/(5)	(8)
	Poles and Fixtures							
362.1	Wood - Under 35 ft.		48 - R1.5	(25)	63,894,788	1,805,697	2.83	31,054,512
362.2	Wood - 35 ft. and Over		48 - R1.5	(25)	265,218,896	8,007,693	3.02	108,372,728
362.3	Concrete and Steel		40 - R2.5	(25)	6,898,961	226,862	3.29	3,623,285
362.4	Steel Towers		45 - R3	(25)	184,774	4,943	2.68	150,752
	Total Account 362			, ,	336,197,419	10,045,195		143,201,277
363	Street Lights		20 - R0.5	(10)	19,911,084	1,170,301	5.88	10,542,120
364.1	Transformers and Mountings							
	Up to and Including 15 kVA		40 - S1	(2)	8,805,292	257,254	2.92	2,742,919
	Over 15 kVA		40 - S1	(2)	98,259,183	2,901,643	2.95	27,972,283
	Total Account 364.1				107,064,475	3,158,897	2.95	30,715,202
364.2	Voltage Regulators		40 - S1	(2)	3,004,698	77,286	2.57	1,520,529
364.3	Capacitor Banks		40 - S1	(2)	299,652	8,883	2.96	85,347
364.4	Reclosers		40 - S1	(2)	653,968	18,764	2.87	239,332
365.1	Services Overhead		44 - R2	(60)	76,514,238	3,050,688	3.99	45,747,046
365.2	Services Underground		45 - R3	(10)	6,873,773	178,402	2.60	2,717,166
	Meters							
366.1	Watt-hour		25 - S1	(5)	14,090,711	628,881	4.46	5,841,130
366.2	Demand		22 - S0.5	(5)	5,192,669	273,751	5.27	2,089,499
366.3	Instrument Transformers		36 - R2.5	(5)	2,179,679	64,374	2.95	1,110,059
366.4	Metering Tanks		36 - R2.5	(5)	1,097,696	29,870	2.72	730,585
	Total Account 366				22,560,754	996,876	4.42	9,771,273
367.1	Underground Ducts and Manholes		60 - R4	(5)	5,193,022	93,472	1.80	2,396,147
367.2	Underground Switches and Switchgear		45 - R3	(5)	1,741,339	44,010	2.53	527,795
	Total Distribution				747,036,280	23,724,578	3.18	322,099,799

Schedule 1. Summary of Service Life and Net Salvage Estimates and Calculated Annual Depreciation Related to Original Cost of Electric Plant at December 31, 2010

	Depreciable Group (1)	Probable Retirement Year (2)	Estimated Survivor Curve (3)	Net Salvage Percent (4)	Original Cost at 12/31/10 (5)	Annual Accrual Amount (6)	Annual Accrual Rate (7)=(6)/(5)	Calculated Accrued Depreciation (8)
General P	roperty							
371.1	Buildings and Structures - Small		35 - S0	(5)	1,883,109	50,348	2.67	1,187,176
371.2	Buildings and Structures - Large							
	Topsail Road - Transformer Storage	6-2026	70 - R1	0	1,203,457	38,004	3.16	656,061
	Topsail Road - System Control Center	6-2054	70 - R1	0	1,410,482	35,468	2.51	300,724
	Kenmount Road	6-2046	70 - R1	0	7,128,803	159,778	2.24	2,789,040
	Duffy Place	6-2060	70 - R1	0	12,219,416	235,033	1.92	3,976,108
	Carbonear - Office/Warehouse	6-2030	70 - R1	0	1,840,956	47,762	2.59	999,840
	Whitbourne	6-2023	70 - R1	0	595,812	16,797	2.82	397,249
	Salt Pond	6-2023	70 - R1	0	871,771	33,030	3.79	482,826
	Clarenville Regional Building	6-2042	70 - R1	0	2,047,763	46,559	2.27	828,427
	Gander	6-2037	70 - R1	0	1,447,139	35,555	2.46	633,446
	Grand Falls Service Building	6-2056	70 - R1	0	1,444,095	34,598	2.40	326,370
	Corner Brook - Maple Valley Service Buildings	6-2057	70 - R1	0	1,565,272	37,844	2.42	340,349
	Stephenville Office and Service Build	6-2028	70 - R1	0	1,083,243	30,110	2.78	601,698
	Port Aux Basques	6-2026	70 - R1	0	271,474	6,815	2.51	173,260
	Total Account 371.2			•	33,129,684	757,353		12,505,398
372	Office Equipment		25 - SQ	0	6,727,366	262,773	4.00 (a)	4,144,907
373	Store Equipment		25 - SQ	0	608,024	23,557	4.00 (a)	420,805
374	Shop Equipment		25 - SQ	0	718,269	28,422	4.00 (a)	446,251
375	Laboratory and Testing Equipment		25 - SQ	0	5,913,584	234,296	4.00 (a)	3,031,184
376	Miscellaneous Equipment		15 - SQ	0	2,678,699	174,914	6.67 (a)	1,210,760
377	Engineering Equipment		25 - SQ	0	297,792	11,729	4.00 (a)	239,004

Schedule 1. Summary of Service Life and Net Salvage Estimates and Calculated Annual Depreciation Related to Original Cost of Electric Plant at December 31, 2010

	Depreciable Group	Probable Retirement Year	Estimated Survivor Curve	Net Salvage Percent	Original Cost at 12/31/10	Annual Accrual Amount	Annual Accrual Rate	Calculated Accrued Depreciation
	(1)	(2)	(3)	(4)	(5)	(6)	(7)=(6)/(5)	(8)
	Transportation							
378.1	Sedans and Station Wagons		5 - R1.5	16	98,663	12,324	12.49	67,776
378.2	Pick-up Trucks, Window Vans		6 - S2.5	16	5,888,718	834,727	14.18	2,521,894
378.3	Large Trucks with Hydraulic Derricks		11 - R2.5	8	13,452,389	1,126,354	8.37	6,336,538
378.4	Large Trucks with Line and Stake Bodies		11 - R2.5	8	3,351,228	288,649	8.61	1,419,567
378.5	Miscellaneous		15 - L1.5	8	1,284,885	79,720	6.20	570,918
	Total Account 378				24,075,883	2,341,774	9.73	10,916,693
379.1	Computers - Hardware		5 - SQ	0	8,368,060	1,399,368	20.00 (a)	4,580,198
379.2	Computers - Software		10 - SQ	0	29,453,949	2,707,639	10.00 (a)	17,368,838
	Total General Property				113,854,418	7,992,173	7.02	56,051,214
Telecomm	nunications							
381.1	Mobile Radios		15 - SQ	0	336,948	22,474	6.67 (a)	236,294
381.2	Portable Radios		15 - SQ	0	158,801	7,823	6.67 (a)	118,288
381.3	Base Stations		15 - SQ	0	6,882	371	6.67 (a)	6,697
382.1	Radio Sites - Roads		30 - R4	0	141,801	4,492	3.17	87,857
382.2	Radio Sites - Buildings		30 - R4	(5)	385,158	12,444	3.23	322,428
383	Radio Equipment		15 - SQ	o´	952,652	63,542	6.67 (a)	600,313
384	Communication Cables		25 - R3	(5)	2,675,790	116,935	4.37	1,145,661
386	SCADA Equipment		14 - L2	O	4,265,598	241,908	5.67	3,036,203
389.1	Telephone and Data Collection Equipment		10 - L2.5	0	1,080,217	72,369	6.70	881,700
390	Power Line Carrier							
391	Communication Test Equipment		15 - R3	0	636,653	29,044	4.56	593,177
	Total Telecommunications				10,640,500	571,402	5.37	7,028,618
	TOTAL DEPRECIABLE PLANT				1,306,848,679	44,641,534		563,047,272
	TOTAL NONDEPRECIABLE PLANT				9,594,385			
	TOTAL ELECTRIC PLANT				1,316,443,064			

⁽a) Amortization rate shown is applicable to vintages that are not fully amortized. (Amortization Rate=1/Amortization Period, Years)

Note: The December 31, 2010 original cost amounts shown on this schedule for Accounts 362.1 and 362.2 do not include poles sold to Alliant in 2011.

Schedule 2. Calculated Accrued Depreciation, Book Accumulated Depreciation and Determination of Reserve Variance Amortizations Related to Original Cost of Electric Plant at December 31, 2010

					Accu	mulated Rese	erve		Reserve	
		Original Cost at	Calculated Accrued	Book Accumulated		Variance	Amount >	Probable Remaining	Variance	
	Depreciable Group	12/31/10	Depreciation	Depreciation	Amount	Percent	Threshold	Life	Amortization	
	(1)	(2)	(3)	(4)	(5)=(3)-(4)	(6)=(5)/(3)	(7)=(3)-(4) (a)	(8)	(9)=(5)/(8)	
EPRECIA	ABLE PLANT									
team Pro	duction Plant									
	Steam Plant - Retired			(105,245)	105,245		105,245		21,049 (d)	
lydro Pro	duction									
320	Land and Land Clearing	973,085	356,362	375,172.91	(18,811)	(5.3)	(18,811)	44.5	(423)	
321	Roads, Trails, and Bridges	3,589,122	1,342,495	1,367,392	(24,897)	(1.9)	-	34.4	- (b)	
322	Buildings and Structures	9,063,594	3,557,957	3,898,288	(340,331)	(9.6)	(340,331)	46.6	(7,297)	
323	Canals, Penstocks, Surge Tanks and Tailraces	57,163,996	18,588,665	16,954,331	1,634,334	8.8	1,634,334	39.2	41,745	
324	Dams and Reservoirs	31,450,495	12,325,536	12,072,961	252,576	2.0	-	41.0	- (b)	
325	Prime Movers, Generators and Auxiliaries	33,721,346	11,264,705	9,781,320	1,483,385	13.2	1,483,385	40.8	36,366	
326	Switching, Metering and Control Equipment	15,045,954	4,358,313	3,462,742	895,571	20.5	895,571	23.4	38,207	
	Miscellaneous Power Plant Equipment	1,028,134	409,305	335,278	74,027	18.1	74,027	30.3	2,446	
327	- Interest and the Frank Equipment									
327	Total Hydro Production	152,035,725	52,203,338	48,247,484	3,955,854		3,728,175		111,044	
	Total Hydro Production		52,203,338	48,247,484	3,955,854		3,728,175		111,044	
Other Prod	Total Hydro Production		52,203,338	48,247,484	3,955,854		3,728,175		111,044	
	Total Hydro Production duction Buildings and Structures	152,035,725	, ,	, ,	, ,	23	3,728,175	5.4	ŕ	
Other Prod	Total Hydro Production	152,035,725 266,733	237,788	232,308	5,480	2.3 6.0	-	5.4 10.0	- (b)	
other Prod	Total Hydro Production Juction Buildings and Structures Port Aux Basques Diesel Green Hill Gas Turbine	152,035,725 266,733 461,618	237,788 242,771	232,308 228,307	5,480 14,464	6.0	3,728,175 - 14,464 -	10.0	- (b) 1,451	
ther Prod	Total Hydro Production duction Buildings and Structures Port Aux Basques Diesel	152,035,725 266,733	237,788	232,308	5,480		- 14,464		- (b) 1,451	
331	Total Hydro Production duction Buildings and Structures Port Aux Basques Diesel Green Hill Gas Turbine Wesleyville Gas Turbine Total Account 331	152,035,725 266,733 461,618 73,725	237,788 242,771 46,155	232,308 228,307 45,097	5,480 14,464 1,058	6.0	14,464	10.0	- (b) 1,451 - (b)	
other Prod	Total Hydro Production duction Buildings and Structures Port Aux Basques Diesel Green Hill Gas Turbine Wesleyville Gas Turbine	266,733 461,618 73,725 802,076	237,788 242,771 46,155 526,714	232,308 228,307 45,097 505,711	5,480 14,464 1,058 21,003	6.0 2.3	14,464 14,464	10.0 9.9	- (b) 1,451 - (b) 1,451	
331	Total Hydro Production duction Buildings and Structures Port Aux Basques Diesel Green Hill Gas Turbine Wesleyville Gas Turbine Total Account 331 Electrical Plant	152,035,725 266,733 461,618 73,725	237,788 242,771 46,155	232,308 228,307 45,097	5,480 14,464 1,058	6.0	14,464	10.0	- (b) 1,451 - (b) 1,451 2,520 (c)	
331	Total Hydro Production Buildings and Structures Port Aux Basques Diesel Green Hill Gas Turbine Wesleyville Gas Turbine Total Account 331 Electrical Plant Port Union Diesel	152,035,725 266,733 461,618 73,725 802,076	237,788 242,771 46,155 526,714	232,308 228,307 45,097 505,711	5,480 14,464 1,058 21,003	6.0 2.3 75.3	14,464 14,464	10.0 9.9 	- (b) 1,451 - (b) 1,451 2,520 (c)	
Other Proc 331	Total Hydro Production Buildings and Structures Port Aux Basques Diesel Green Hill Gas Turbine Wesleyville Gas Turbine Total Account 331 Electrical Plant Port Union Diesel Port Aux Basques Diesel	152,035,725 266,733 461,618 73,725 802,076 10,147 110,821	237,788 242,771 46,155 526,714 16,742 110,577	232,308 228,307 45,097 505,711 4,141 112,605	5,480 14,464 1,058 21,003 12,601 (2,028)	6.0 2.3 75.3 (1.8)	14,464 	10.0 9.9 	- (b) 1,451 - (b) 1,451 2,520 (c) - (b)	
331	Total Hydro Production duction Buildings and Structures Port Aux Basques Diesel Green Hill Gas Turbine Wesleyville Gas Turbine Total Account 331 Electrical Plant Port Union Diesel Port Aux Basques Diesel Green Hill Gas Turbine	266,733 461,618 73,725 802,076	237,788 242,771 46,155 526,714 16,742 110,577 335,042	232,308 228,307 45,097 505,711 4,141 112,605 373,621	5,480 14,464 1,058 21,003 12,601 (2,028) (38,579)	6.0 2.3 75.3 (1.8) (11.5)	14,464 - 14,464 12,601 - (38,579)	10.0 9.9 	- (b) 1,451 - (b) 1,451 2,520 (c) - (b) (3,909)	
331	Total Hydro Production Buldings and Structures Port Aux Basques Diesel Green Hill Gas Turbine Wesleyville Gas Turbine Total Account 331 Electrical Plant Port Union Diesel Port Aux Basques Diesel Green Hill Gas Turbine Wesleyville Gas Turbine	266,733 461,618 73,725 802,076 10,147 110,821 632,493 223,216	237,788 242,771 46,155 526,714 16,742 110,577 335,042 106,966	232,308 228,307 45,097 505,711 4,141 112,605 373,621 132,367	5,480 14,464 1,058 21,003 12,601 (2,028) (38,579) (25,401)	75.3 (1.8) (11.5) (23.7)	14,464 	10.0 9.9	- (b) 1,451 - (b) - 1,451 2,520 (c) - (b) (3,909) (2,574)	
331	Total Hydro Production Buildings and Structures Port Aux Basques Diesel Green Hill Gas Turbine Wesleyville Gas Turbine Total Account 331 Electrical Plant Port Union Diesel Port Aux Basques Diesel Green Hill Gas Turbine Wesleyville Gas Turbine Mobile Diesel #3	266,733 461,618 73,725 802,076 10,147 110,821 632,493 223,216 1,352,165	237,788 242,771 46,155 526,714 16,742 110,577 335,042 106,966 323,676	232,308 228,307 45,097 505,711 4,141 112,605 373,621 132,367 346,469	5,480 14,464 1,058 21,003 12,601 (2,028) (38,579) (25,401) (22,793)	75.3 (1.8) (11.5) (23.7)	14,464 	10.0 9.9	- (b) 1,451 - (b) 1,451 2,520 (c) - (b) (3,909) (2,574) (1,106)	
other Proc 331 332	Total Hydro Production Buildings and Structures Port Aux Basques Diesel Green Hill Gas Turbine Wesleyville Gas Turbine Total Account 331 Electrical Plant Port Union Diesel Port Aux Basques Diesel Green Hill Gas Turbine Wesleyville Gas Turbine Mobile Diesel #3 Total Account 332	266,733 461,618 73,725 802,076 10,147 110,821 632,493 223,216 1,352,165	237,788 242,771 46,155 526,714 16,742 110,577 335,042 106,966 323,676	232,308 228,307 45,097 505,711 4,141 112,605 373,621 132,367 346,469	5,480 14,464 1,058 21,003 12,601 (2,028) (38,579) (25,401) (22,793)	75.3 (1.8) (11.5) (23.7)	14,464 	10.0 9.9	- (b) 1,451 - (b) 1,451 2,520 (c) - (b) (3,909) (2,574) (1,106)	
331 332	Total Hydro Production Buldings and Structures Port Aux Basques Diesel Green Hill Gas Turbine Wesleyville Gas Turbine Total Account 331 Electrical Plant Port Union Diesel Port Aux Basques Diesel Green Hill Gas Turbine Wesleyville Gas Turbine Wesleyville Gas Turbine Mobile Diesel #3 Total Account 332 Prime Movers, Generators and Auxiliaries	152,035,725 266,733 461,618 73,725 802,076 10,147 110,821 632,493 223,216 1,352,165 2,328,841	237,788 242,771 46,155 526,714 16,742 110,577 335,042 106,966 323,676 893,003	232,308 228,307 45,097 505,711 4,141 112,605 373,621 132,367 346,469 969,203	5,480 14,464 1,058 21,003 12,601 (2,028) (38,579) (25,401) (22,793) (76,200)	75.3 (1.8) (11.5) (23.7) (7.0)	14,464 	0.0 5.3 9.9 9.9 20.6	- (b) 1,451 - (b) 1,451 2,520 (c) - (b) (3,909) (2,574) (1,106) (5,069)	
331 332	Total Hydro Production Buildings and Structures Port Aux Basques Diesel Green Hill Gas Turbine Wesleyville Gas Turbine Total Account 331 Electrical Plant Port Union Diesel Port Aux Basques Diesel Green Hill Gas Turbine Wesleyville Gas Turbine Mobile Diesel #3 Total Account 332 Prime Movers, Generators and Auxiliaries Port Union Diesel	152,035,725 266,733 461,618 73,725 802,076 10,147 110,821 632,493 223,216 1,352,165 2,328,841	237,788 242,771 46,155 526,714 16,742 110,577 335,042 106,966 323,676 893,003	232,308 228,307 45,097 505,711 4,141 112,605 373,621 132,367 346,469 969,203	5,480 14,464 1,058 21,003 12,601 (2,028) (38,579) (25,401) (22,793) (76,200)	6.0 2.3 75.3 (1.8) (11.5) (23.7) (7.0)	14,464 	10.0 9.9 0.0 5.3 9.9 9.9 20.6	- (b) 1,451 - (b) 1,451 2,520 (c) - (b) (3,909) (2,574) (1,106) (5,069)	
Other Proc 331 332	Total Hydro Production Buildings and Structures Port Aux Basques Diesel Green Hill Gas Turbine Wesleyville Gas Turbine Total Account 331 Electrical Plant Port Union Diesel Port Aux Basques Diesel Green Hill Gas Turbine Wesleyville Gas Turbine Wesleyville Gas Turbine Mobile Diesel #3 Total Account 332 Prime Movers, Generators and Auxiliaries Port Union Diesel Port Aux Basques Diesel	152,035,725 266,733 461,618 73,725 802,076 10,147 110,821 632,493 223,493 223,2165 2,328,841 52,594 455,975	237,788 242,771 46,155 526,714 16,742 110,577 335,042 106,966 323,676 893,003	232,308 228,307 45,097 505,711 4,141 112,605 373,621 132,367 346,469 969,203 70,810 447,654	5,480 14,464 1,058 21,003 12,601 (2,028) (38,579) (25,401) (22,793) (76,200) 15,971 (6,714)	6.0 2.3 75.3 (1.8) (11.5) (23.7) (7.0)	14,464 	10.0 9.9 0.0 5.3 9.9 9.9 20.6	- (b) 1,451 - (b) 1,451 2,520 (c) - (b) (3,909) (2,574) (1,106) (5,069) 3,194 (c) - (b)	
331 332	Total Hydro Production Buildings and Structures Port Aux Basques Diesel Green Hill Gas Turbine Wesleyville Gas Turbine Total Account 331 Electrical Plant Port Union Diesel Port Aux Basques Diesel Green Hill Gas Turbine Wesleyville Gas Turbine Wesleyville Gas Turbine Mobile Diesel #3 Total Account 332 Prime Movers, Generators and Auxiliaries Port Union Diesel Port Aux Basques Diesel Port Aux Basques Diesel Portable Gas Turbine	152,035,725 266,733 461,618 73,725 802,076 10,147 110,821 632,493 223,216 1,352,165 2,328,841 52,594 455,975 2,443,732	237,788 242,771 46,155 526,714 16,742 110,577 335,042 106,966 323,676 893,003	232,308 228,307 45,097 505,711 4,141 112,605 373,621 132,367 346,469 969,203 70,810 447,654 924,084	5,480 14,464 1,058 21,003 12,601 (2,028) (38,579) (25,401) (22,793) (76,200) 15,971 (6,714) 535,935	75.3 (1.8) (11.5) (23.7) (7.0) 18.4 (1.5) 36.7	14,464 	10.0 9.9	- (b) 1,451 - (c) 1,451 2,520 (c) - (b) (3,909) (2,574) (1,106) (5,069) 3,194 (c) - (b) 99,616	
331 332	Total Hydro Production Bulction Bulldings and Structures Port Aux Basques Diesel Green Hill Gas Turbine Wesleyville Gas Turbine Total Account 331 Electrical Plant Port Union Diesel Port Aux Basques Diesel Green Hill Gas Turbine Wesleyville Gas Turbine Mobile Diesel #3 Total Account 332 Prime Movers, Generators and Auxiliaries Port Union Diesel Port Aux Basques Diesel Portable Gas Turbine Green Hill Gas Turbine Green Hill Gas Turbine	152,035,725 266,733 461,618 73,725 802,076 10,147 110,821 632,493 223,216 1,352,165 2,328,841 52,594 455,975 2,443,732 5,894,244	237,788 242,771 46,155 526,714 16,742 110,577 335,042 106,966 323,676 893,003 86,781 440,940 1,460,019 4,028,222	232,308 228,307 45,097 505,711 4,141 112,605 373,621 132,367 346,469 969,203 70,810 447,654 924,084 4,683,675	5,480 14,464 1,058 21,003 12,601 (2,028) (38,579) (25,401) (22,793) (76,200) 15,971 (6,714) 535,935 (655,453)	75.3 (1.8) (11.5) (23.7) (7.0) 18.4 (1.5) 36.7 (16.3)	14,464 	0.0 5.3 9.9 9.9 20.6 0.0 5.2 5.4 9.6	- (b) 1,451 - (b) 1,451 2,520 (c) - (b) (3,909) (2,574) (1,106) (5,069) 3,194 (c) - (b) 9,616 (68,419)	

Schedule 2. Calculated Accrued Depreciation, Book Accumulated Depreciation and Determination of Reserve Variance Amortizations Related to Original Cost of Electric Plant at December 31, 2010

					Accu	mulated Rese	erve		
		Original	Calculated	Book		Variance		Probable	Reserve
		Cost at	Accrued	Accumulated			Amount >	Remaining	Variance
	Depreciable Group	12/31/10	Depreciation	Depreciation	Amount	Percent	Threshold	Life	Amortization
	(1)	(2)	(3)	(4)	(5)=(3)-(4)	(6)=(5)/(3)	(7)=(3)-(4) (a)	(8)	(9)=(5)/(8)
334	Fuel Holders								
	Port Union Diesel	17,545	28,949	27,825	1,124	3.9	-	0.0	- (b)
	Port Aux Basques Diesel	95,357	51,793	16,059	35,734	69.0	35,734	5.5	6,497
	Green Hill Gas Turbine	539,385	263,389	265,233	(1,844)	(0.7)	-	10.5	- (b)
	Wesleyville Gas Turbine	201,410	103,128	85,394	17,734	17.2	17,734	10.5	1,689
	Total Account 334	853,697	447,259	394,512	52,747		53,468	_	8,186
335	Miscellaneous Power Plant Equipment								
	Port Aux Basques Diesel	6,898	7,485	7,583	(98)	(1.3)	-	5.5	- (b)
	Total Account 335	6,898	7,485	7,583	(98)	, ,	-	_	- ` `
	Total Other Production	21,278,080	11,565,916	11,005,317	560,599		561,421		106,485
Substation									
341	Buildings and Structures	8,542,104	2,960,223	2,719,332	240,891	8.1	240,891	31.3	7,689
342	Equipment	144,737,625	55,781,275	54,584,514	1,196,761	2.1		28.6	(b)
	Total Substation	153,279,729	58,741,498	57,303,845	1,437,653		240,891		7,689
Transmission	n								
350.01	ROW Clearing and Easement Survey	6,864,004	2,874,405	2,852,061	22,344	0.8	-	36.5	- (b)
350.02	Roads, Trails and Bridges	76,200	30,598	34,031	(3,433)	(11.2)	(3,433)	37.5	(92)
353.1	Overhead Conductors	24,324,145	12,476,441	11,643,947	832,494	6.7	832,494	32.4	25,726
353.2	Underground Cables	1,034,644	783,771	714,913	68,858	8.8	68,858	19.8	3,485
355.1	Poles	32,354,167	17,292,743	14,768,395	2,524,348	14.6	2,524,348	26.2	96,202
355.2	Pole Fixtures	23,125,858	10,542,216	12,595,164	(2,052,948)	(19.5)	(2,052,948)	27.6	(74,328)
355.3	Insulators	20,944,929	11,356,715	10,907,435	449,280	4.0		17.1	- (b)
	Total Transmission	108,723,947	55,356,889	53,515,947	1,840,942		1,369,319		50,993

Schedule 2. Calculated Accrued Depreciation, Book Accumulated Depreciation and Determination of Reserve Variance Amortizations Related to Original Cost of Electric Plant at December 31, 2010

		Original	Calculated	Book	Accu	mulated Rese Variance	erve	Probable	Reserve
	Depreciable Group	Cost at 12/31/10	Accrued Depreciation	Accumulated Depreciation	Amount	Percent	Amount > Threshold	Remaining Life	Variance Amortization
	(1)	(2)	(3)	(4)	(5)=(3)-(4)	(6)=(5)/(3)	(7)=(3)-(4) (a)	(8)	(9)=(5)/(8)
istribution									
	Overhead Conductors and Underground Cables								
361.1	Bare Copper	667.917	588.525	766.547	(178.022)	(30.2)	(178.022)	17.0	(10,484)
361.11	Weather-Proof Copper	1,737,353	1,756,262	2,311,771	(555,509)	(31.6)	(555,509)	10.7	(52,063)
361.12	Bare Aluminum	105,695,941	43,202,211	45,707,706	(2,505,495)	(5.8)	(2,505,495)	34.1	(73,475)
361.13	Weather-Proof Aluminum	28,794,084	15,841,574	15,175,341	666,233	4.2	-	17.1	- (b
361.14	Aerial Cable	709,872	570,798	770,501	(199,703)	(35.0)	(199,703)	11.0	(18,089)
361.15	Duplex, Triplex, and Quadruplex	4,817,731	1,674,769	1,952,695	(277,926)	(16.6)	(277,926)	27.3	(10,192)
361.2	Underground Cables	20,889,633	8,989,411	9,792,239	(802,828)	(8.9)	(802,828)	25.4	(31,607)
361.3	Special Insulated Copper Cable	102,076	101,564	134,217	(32,653)	(32.2)	(32,653)	7.4	(4,395)
361.4	Submarine Cable	3,607,249	1,911,451	1,917,873	(6,422)	(0.3)	(32,033)	18.5	- (b
301.4	Total Account 361	167.021.857	74.636.565	78.528.889	(3,892,324)	(0.5)	(4,552,136)	10.5	(200,305)
	Total Account 30 T	107,021,037	74,030,303	70,020,009	(3,032,324)		(4,302,130)		(200,303)
	Poles and Fixtures								
362.1	Wood - Under 35 ft.	63,894,788	31,054,512	27,135,455	3,919,057	12.6	3,919,057	27.0	144,989
362.2	Wood - 35 ft. and Over	265,218,896	108,372,728	104,199,505	4,173,223	3.9	-	27.9	- (b
362.3	Concrete and Steel	6,898,961	3,623,285	3,897,999	(274,714)	(7.6)	(274,714)	22.0	(12,464)
362.4	Steel Towers	184,774	150,752	125,142	25,610	17.0	25,610	16.2	1,578
	Total Account 362	336, 197, 419	143,201,277	135,358,101	7,843,176		3,669,953	_	134,103
363	Street Lights	19,911,084	10,542,120	9,439,337	1,102,783	10.5	1,102,783	9.7	113,572
364.1	Transformers and Mountings								
	Up to and Including 15 kVA	8,805,292	2,742,919	2,179,667	563,252	20.5	563,252	24.3	23,227
	Over 15 kVA	98.259.183	27.972.283	26.086.452	1.885.831	6.7	1.885.831	24.9	75,736
	Total Account 364.1	107,064,475	30,715,202	28,266,119	2,449,083	0	2,449,083		98,963
364.2	Voltage Regulators	3,004,698	1,520,529	1,393,782	126,747	8.3	126,747	20.0	6,344
364.3	Capacitor Banks	299,652	85,347	97,883	(12,536)	(14.7)	(12,536)	24.8	(505)
	Reclosers					, ,	. , ,	24.8	
364.4		653,968	239,332	252,626 54,522,622	(13,294)	(5.6)	(13,294)	22.8 25.1	(583)
365.1	Services Overhead	76,514,238	45,747,046		(8,775,576)	(19.2)	(8,775,576)		(349,207)
365.2	Services Underground	6,873,773	2,717,166	2,756,217	(39,051)	(1.4)	-	27.2	- (b
	Meters								
366.1	Watt-hour	14,090,711	5,841,130	2,467,233	3,373,897	57.8	3,373,897	14.2	236,931
366.2	Demand	5,192,669	2,089,499	1,544,074	545,425	26.1	545,425	12.3	44,416
366.3	Instrument Transformers	2,179,679	1,110,059	1,121,760	(11,701)	(1.1)	-	18.3	- (b
366.4	Metering Tanks	1,097,696	730,585	752,805	(22,220)	(3.0)	-	14.1	- (b
	Total Account 366	22,560,754	9,771,273	5,885,873	3,885,401	(= =/	3,919,322	_	281,347
367.1	Underground Ducts and Manholes	5,193,022	2,396,147	2,256,703	139,444	5.8	139,444	32.7	4,264
367.1	Underground Switches and Switchgear	1,741,339	527,795	539,694	(11,899)	(2.3)	139,444	29.6	4,204 - (b
301.2	Onderground Switches and Switchgear	1,741,339	321,195	559,094	(11,099)	(2.3)		29.0	
	Total Distribution	747,036,280	322,099,799	319,297,847	2,801,952		(1,946,210)		87,993

Schedule 2. Calculated Accrued Depreciation, Book Accumulated Depreciation and Determination of Reserve Variance Amortizations Related to Original Cost of Electric Plant at December 31, 2010

		Original	Calculated	Book	Accu	mulated Reso	erve	Probable	Reserve
	Depreciable Group	Cost at 12/31/10	Accrued Depreciation	Accumulated Depreciation	Amount	Percent	Amount > Threshold	Remaining Life	Variance Amortization
	(1)	(2)	(3)	(4)	(5)=(3)-(4)	(6)=(5)/(3)	(7)=(3)-(4) (a)	(8)	(9)=(5)/(8)
General Pro	perty								
371.1	Buildings and Structures - Small	1,883,109	1,187,176	1,248,252	(61,076)	(5.1)	(61,076)	15.7	(3,893)
371.2	Buildings and Structures - Large				, , ,	` '	, ,		, ,
	Topsail Road - Transformer Storage	1,203,457	656,061	700,767	(44,706)	(6.8)	(44,706)	14.4	(3,105)
	Topsail Road - System Control Center	1,410,482	300,724	316,976	(16,252)	(5.4)	(16,252)	31.3	(519)
	Kenmount Road	7,128,803	2,789,040	2,539,205	249,835	9.0	249,835	27.2	9,199
	Duffy Place	12,219,416	3,976,108	3,890,350	85,758	2.2	-	35.1	- (b)
	Carbonear - Office/Warehouse	1,840,956	999,840	1,083,062	(83,222)	(8.3)	(83,222)	17.6	(4,726)
	Whitbourne	595,812	397,249	347,965	49,284	12.4	49,284	11.8	4,170
	Salt Pond	871,771	482,826	500,390	(17,564)	(3.6)	, <u> </u>	11.8	- (b)
	Clarenville Regional Building	2,047,763	828,427	750,663	77,764	9.4	77,764	26.2	2,969
	Gander	1,447,139	633,446	956,182	(322,736)	(50.9)	(322,736)	22.9	(14,099)
	Grand Falls Office Building	, ,	,	62,971	(62,971)	, ,	(62,971)		(12,594) (d)
	Grand Falls Service Building	1,444,095	326,370	309,282	17,088	5.2	17,088	32.3	529
	Corner Brook - West Street	, ,	,	137,842	(137,842)		(137,842)		(27,568) (d)
	Corner Brook - Maple Valley Service Buildings	1,565,272	340,349	249,937	90,412	26.6	90,412	32.4	2,793
	Stephenville Office and Service Build	1,083,243	601,698	640,063	(38,365)	(6.4)	(38,365)	16.0	(2,399)
	Port Aux Basques	271,474	173,260	182,797	(9,537)	(5.5)	(9,537)	14.4	(662)
	Total Account 371.2	33, 129, 684	12,505,398	12,668,452	(163,054)	` ,	(231,248)	_	(46,012)
372	Office Equipment	6,727,366	4,144,907	4,130,778	14,129	0.3	-	9.8	- (b)
373	Store Equipment	608,024	420,805	417,133	3,672	0.9	-	8.0	- (b)
374	Shop Equipment	718,269	446,251	461,774	(15,523)	(3.5)	-	9.6	- (b)
375	Laboratory and Testing Equipment	5,913,584	3,031,184	2,948,509	82,675	2.7	_	12.3	- (b)
376	Miscellaneous Equipment	2,678,699	1,210,760	1,286,358	(75,598)	(6.2)	(75,598)	8.4	(9,010)
377	Engineering Equipment	297,792	239,004	252,522	(13,518)	(5.7)	(13,518)	5.0	(2,698)
	Transportation								
378.1	Sedans and Station Wagons	98,663	67,776	51,844	15,932	23.5	15,932	1.2	3,186 (c)
378.2	Pick-up Trucks, Window Vans	5,888,718	2,521,894	2,201,680	320,214	12.7	320,214	2.9	64,043 (c)
378.3	Large Trucks with Hydraulic Derricks	13,452,389	6,336,538	7,436,169	(1,099,631)	(17.4)	(1,099,631)	5.4	(205,155)
378.4	Large Trucks with Line and Stake Bodies	3,351,228	1,419,567	1,181,647	237,920	16.8	237,920	5.8	41,306
378.5	Miscellaneous	1,284,885	570,918	202,586	368,332	64.5	368,332	7.7	48,022
	Total Account 378	24,075,883	10,916,693	11,073,925	(157,232)		(157,233)	_	(48,598)
379.1	Computers - Hardware	8,368,060	4,580,198	4,742,459	(162,261)	(3.5)	-	2.7	- (b)
379.2	Computers - Software	29,453,949	17,368,838	16,785,531	583,307	3.4		4.5	- (b)
	Total General Property	113,854,418	56,051,214	56,015,693	35,521		(538,673)		(110,211)

Schedule 2. Calculated Accrued Depreciation, Book Accumulated Depreciation and Determination of Reserve Variance Amortizations Related to Original Cost of Electric Plant at December 31, 2010

					Accu	mulated Res	erve		
		Original	Calculated	Book		Variance		Probable	Reserve
		Cost at	Accrued	Accumulated			Amount >	Remaining	Variance
	Depreciable Group	12/31/10	Depreciation	Depreciation	Amount	Percent	Threshold	Life	Amortization
	(1)	(2)	(3)	(4)	(5)=(3)-(4)	(6)=(5)/(3)	(7)=(3)-(4) (a)	(8)	(9)=(5)/(8)
Telecommu	nications								
381.1	Mobile Radios	336,948	236,294	226,799	9,495	4.0	-	4.5	- (b)
381.2	Portable Radios	158,801	118,288	124,751	(6,463)	(5.5)	(6,463)	5.2	(1,248)
381.3	Base Stations	6,882	6,697	6,742	(45)	(0.7)		0.5	- (b)
382.1	Radio Sites - Roads	141,801	87,857	96,193	(8,336)	(9.5)	(8,336)	12.0	(694)
382.2	Radio Sites - Buildings	385,158	322,428	346,659	(24,231)	(7.5)	(24,231)	6.6	(3,677)
383	Radio Equipment	952,652	600,313	571,286	29,027	4.8	-	5.5	- (b)
384	Communication Cables	2,675,790	1,145,661	1,034,395	111,266	9.7	111,266	14.2	7,819
386	SCADA Equipment	4,265,598	3,036,203	3,651,799	(615,596)	(20.3)	(615,596)	5.1	(121,180)
389.1	Telephone and Data Collection Equipment	1,080,217	881,700	1,088,091	(206,391)	(23.4)	(206,391)	2.7	(41,278) (c)
391	Communication Test Equipment	636,653	593,177	721,690	(128,513)	(21.7)	(128,513)	1.5	(25,703) (c)
	Total Telecommunications	10,640,500	7,028,618	7,868,404	(839,786)		(878,264)		(185,961)
	TOTAL DEPRECIABLE PLANT IN SERVICE	1,306,848,679	563,047,272	553,149,293	9,897,979		2,641,905	_	89,081
Accounts No	ot Studied								
	Other Production - Retired	_		27,141	(27,141)		(27,141)		(27,141) (e)
371.2	Buildings - Retired	-		22,604	(22,604)		(22,604)		(22,604) (e)
389.3	Telephone Equipment	-		(1)	1		1		1 (e)
390.0	Power Line Carrier	-		(12,203)	12,203		12,203		12,203 (e)
	Total Assessment Not One Park			07.540	(07.540)		(07.540)		
	Total Accounts Not Studied			37,540	(37,540)		(37,540)	_	(37,540)
	TOTAL DEPRECIABLE PLANT	1,306,848,679		553,186,834	9,860,438		2,604,364	=	51,541
	TOTAL NONDEPRECIABLE PLANT	9,594,385							
	TOTAL ELECTRIC PLANT	1,316,443,064							

⁽a) The reserve variance for accounts that exceed the 5% tolerance threshold are listed.

Note: The December 31, 2010 original cost and book accumulated depreciation amounts shown on this schedule for Accounts 362.1 and 362.2 do not include poles sold to Alliant in 2011.

⁽b) No reserve variance amortization calculated when reserve variance is less than five percent.

⁽c) Reserve variance is amortized over five years for those accounts with a composite remaining life of less than 5 years.

⁽d) No assets remain in this account and no future dismantling or gross salvage costs are expected. Reserve variance is amortized over 5 years.

⁽e) No assets remain in this account. The true-up from the previous depreciation study will eliminate any reserve variance by year end 2011.