

	Expended to 2011	2012	Future Years	Total
		(\$000)		
GENERATION	8,374	17,748	10,475	36,597
TRANSMISSION AND RURAL OPERATIONS	18,044	43,530	220,484	282,059
GENERAL PROPERTIES	3,421	7,765	1,607	12,792
MAJOR OVERHAULS AND INSPECTIONS	0	1,431	0	1,431
CONTINGENCY FUND		1,000	0	1,000
TOTAL CAPITAL BUDGET PHASE I	29,839	71,474	232,566	333,879

	Expended to 2011	2012	Future Years	Total
	(\$000)			
<u>GENERATION</u>				
Hydraulic Plant	1,200	11,033	10,191	22,424
Thermal Plant	4,546	3,152	285	7,982
Gas Turbines	2,629	3,367	0	5,995
Tools and Equipment	0	196	0	196
TOTAL GENERATION	8,374	17,748	10,475	36,597
<u>TRANSMISSION AND RURAL OPERATIONS</u>				
Terminal Stations	10,816	14,392	8,294	33,503
Transmission	289	5,829	207,625	213,743
Distribution	5,636	17,416	2,677	25,728
Generation	516	2,681	1,206	4,403
Properties	0	566	0	566
Metering	292	628	288	1,208
Tools and Equipment	494	2,019	396	2,909
TOTAL TRANSMISSION AND RURAL OPERATIONS	18,044	43,530	220,484	282,059
<u>MAJOR OVERHAULS AND INSPECTIONS</u>				
Major Overhauls and Inspections	0	1,431	0	1,431
TOTAL MAJOR OVERHAULS AND INSPECTIONS	0	1,431	0	1,431
<u>GENERAL PROPERTIES</u>				
Information Systems	999	2,347	388	3,734
Telecontrol	72	2,686	0	2,758
Transportation	2,351	2,350	1,219	5,920
Administrative	0	381	0	381
TOTAL GENERAL PROPERTIES	3,421	7,765	1,607	12,792
CONTINGENCY FUND		1,000		1,000
TOTAL CAPITAL BUDGET	29,839	71,474	232,566	333,879

PROJECT DESCRIPTION	Expended to 2011	2012	Future Years (\$000)	Total	Page Ref
HYDRAULIC PLANT					
Rewind Stators Units 1, 3 and 4 - Bay d'Espoir		4,954	8,689	13,643	B - 3
Replace Static Excitation Systems - Upper Salmon, Holyrood and Hinds Lake	487	2,403	1,219	4,109	
Upgrade Burnt Dam Spillway - Bay d'Espoir		1,703		1,703	B - 14
Replace Emergency Diesel Generator - Bay d'Espoir		611	283	894	B - 25
Upgrade Intake Gate Controls - Bay d'Espoir	352	468		820	
Upgrade Generating Station Service Water System - Cat Arm	360	440		800	
Replace Fuel Tank - Burnt Dam		208		208	C - 2
Replace Rip Rap - Bay d'Espoir		199		199	D - 2
Upgrade Public Safety Around Dams and Waterways - Bay d'Espoir		48		48	
TOTAL HYDRAULIC PLANT	1,200	11,033	10,191	22,424	
THERMAL PLANT					
Replace Programmable Logic Controllers - Holyrood	2,230	748		2,978	
Upgrade Hydrogen System - Holyrood	1,192	800		1,992	
Upgrade Synchronous Condenser Unit 3 - Holyrood	484	406		889	
Replace Relay Panels Unit 3 - Holyrood	277	554		831	
Upgrade Electrical Equipment - Holyrood	188	206	285	679	
Replace Steam Seal Regulator Unit 2 - Holyrood	175	438		613	
TOTAL THERMAL PLANT	4,546	3,152	285	7,982	
GAS TURBINES					
Upgrade Gas Turbine Plant Life Extension - Hardwoods	2,629	3,367		5,995	
TOTAL GAS TURBINE PLANTS	2,629	3,367	0	5,995	
TOOLS AND EQUIPMENT					
Purchase Tools and Equipment Less than \$50,000		196		196	
TOTAL TOOLS AND EQUIPMENT	0	196	0	196	
TOTAL GENERATION	8,374	17,748	10,475	36,597	

PROJECT DESCRIPTION	Expended to 2011	2012	Future Years (\$000)	Total	Page Ref
TERMINAL STATIONS					
Install Additional 230kV Transformer - Oxen Pond		3,535	7,004	10,540	B - 29
Upgrade Terminal Stations to 25 kV - Labrador City	8,900	3,750		12,650	
Upgrade Circuit Breakers - Various Sites		1,677		1,677	B - 45
Perform Grounding Upgrades - Various Sites	321	324	1,012	1,657	
Upgrade Power Transformers - Various Sites		1,246		1,246	B - 49
Upgrade Substation - Wabush	459	626		1,086	
Upgrade Station Reliability and Safety - Rocky Harbour	435	360		795	
Replace 69 kV SF6 Breakers - St. Anthony Airport	490	290		780	
Replace Compressed Air System - Bay d'Espoir	84	564		648	
Replace 230 kV Circuit Breaker - Sunnyside	41	590		631	
Replace Instrument Transformers - Various Sites		452		452	C - 35
Replace Insulators - Various Sites		412		412	C - 113
Replace Disconnects - Various Sites		352		352	C - 126
Replace Compressed Air Piping and Install Dew Point Monitor - Buchans		28	278	307	C - 166
Install Alternate Station Services - Stony Brook and Massey Drive	86	109		195	
Replace Surge Arrestors - Various Sites		76		76	D - 173
TOTAL TERMINAL STATIONS	10,816	14,392	8,294	33,503	
TRANSMISSION					
Upgrade Transmission Line Corridor - Bay d'Espoir to Western Avalon		2,632	206,744	209,376	B - 27
Perform Wood Pole Line Management Program - Various Sites		2,519		2,519	B - 36
Replace Guy Wires TL-215 - Doyles to Grand Bay	289	318	880	1,487	
Upgrade Transmission Line Access Trails - Stony Brook to Springdale		313		313	C - 136
Install Ice Monitoring Equipment - Various Sites		47		47	
TOTAL TRANSMISSION	289	5,829	207,625	213,743	
DISTRIBUTION					
Voltage Conversion - Labrador City	4,590	3,841	970	9,400	
Provide Service Extensions - All Service Areas		4,172		4,172	B - 32
Upgrade L2 Distribution Feeder - Glenburnie	845	2,115	597	3,556	
Upgrade Distribution Systems - All Service Areas		2,508		2,508	B - 38
Distribution System Additions - Various Sites		2,172		2,172	B - 42
Upgrade Distribution Lines - Bay d'Espoir, Parsons Pond and Plum Point		1,385	1,111	2,496	B - 34
Upgrade Distribution Systems - Francois, Rigolet and Happy Valley	73	652		726	
Replace Substation Infrastructure - Burgeo	128	368		496	
Replace Recloser Control Panels - Various Sites		202		202	C - 176
TOTAL DISTRIBUTION	5,636	17,416	2,677	25,728	

PROJECT DESCRIPTION	Expended to 2011	2012	Future Years (\$000)	Total	Page Ref
<u>GENERATION</u>					
Perform Arc Flash Remediation - Various Sites	430	380	1,206	2,016	
Increase Generation Capacity - Mary's Harbour		1,489		1,489	B - 48
Replace Fuel Storage Tanks - St. Lewis		465		465	C - 10
Replace Mini Hydro Turbine - Roddickton	87	235		322	
Perform Front End Engineering Design for Diesel Plant Remediation -Various Sites		110		110	D - 131
TOTAL GENERATION	<u>516</u>	<u>2,681</u>	<u>1,206</u>	<u>4,403</u>	
<u>PROPERTIES</u>					
Install Fall Protection Equipment - Various Sites		199		199	D - 87
Legal Survey of Primary Distribution Line Right of Way - Various Sites		198		198	D - 98
Upgrade Mechanical Workshop - St. Anthony		87		87	D - 134
Install Waste Oil Storage Tank - L'Anse au Loup		82		82	D - 170
TOTAL PROPERTIES	<u>0</u>	<u>566</u>	<u>0</u>	<u>566</u>	
<u>METERING</u>					
Install Automated Meter Reading - Rocky Harbour and Glenburnie		380	288	667	B - 53
Install Automated Meter Reading - Labrador City	292	58		351	
Purchase Meters, Equipment and Metering Tanks - Various Sites		190		190	D - 103
TOTAL METERING	<u>292</u>	<u>628</u>	<u>288</u>	<u>1,208</u>	
<u>TOOLS AND EQUIPMENT</u>					
Replace Off-Road Track Vehicles - Bishop's Falls and Fogo	494	609		1,104	
Replace Off Road Track Vehicles - Flower's Cove and Cow Head		483	396	878	B - 51
Purchase Tools and Equipment Less than \$50,000		406		406	
Replace Light Duty Mobile Equipment - Various Sites		401		401	C - 119
Replace Excavator - L'Anse au Loup		120		120	D - 128
TOTAL TOOLS AND EQUIPMENT	<u>494</u>	<u>2,019</u>	<u>396</u>	<u>2,909</u>	
TOTAL TRANSMISSION AND RURAL OPERATIONS	<u>18,044</u>	<u>43,530</u>	<u>220,484</u>	<u>282,059</u>	

PROJECT DESCRIPTION	Expended to 2011	2012	Future Years (\$000)	Total	Page Ref
<u>INFORMATION SYSTEMS</u>					
<u>SOFTWARE APPLICATIONS</u>					
<u>New Infrastructure</u>					
Perform Minor Application Enhancements - Hydro Place		123		123	D - 208
Cost Recoveries		(42)		(42)	
Implement Work Protection Safety Code Application - Hydro Place		116		116	D - 202
<u>Upgrade of Technology</u>					
Corporate Application Environment - Upgrade Microsoft Products	1,426	678		2,104	
Cost Recoveries	(428)	(203)		(631)	
Upgrade JD Edwards - Hydro Place		284	588	872	B - 60
Cost Recoveries		(97)	(200)	(296)	
Upgrade Energy Management System - Hydro Place		118		118	D - 200
Upgrade Microsoft Project - Hydro Place		91		91	D - 216
Cost Recoveries		(31)		(31)	
Upgrade Creditron System - Hydro Place		38		38	
TOTAL SOFTWARE APPLICATIONS	999	1,075	388	2,461	
<u>COMPUTER OPERATIONS</u>					
<u>Infrastructure Replacement</u>					
Replace Personal Computers - Various Sites		491		491	C - 194
Replace Peripheral Infrastructure - Various Sites		328		328	C - 199
Upgrade Enterprise Storage Capacity - Hydro Place		306		306	C - 210
Cost Recoveries		(104)		(104)	
<u>Upgrade of Technology</u>					
Upgrade Server Technology Program - Hydro Place		203		203	D - 195
Cost Recoveries		(31)		(31)	
Upgrade Computer Room - Hydro Place		122		122	D - 210
Cost Recoveries		(42)		(42)	
TOTAL COMPUTER OPERATIONS	0	1,273	0	1,273	
TOTAL INFORMATION SYSTEMS	999	2,347	388	3,734	