

**NEWFOUNDLAND AND LABRADOR HYDRO
SYSTEM EQUIPMENT MAINTENANCE
PRODUCTION DIVISION**

<u>Section</u>	<u>2000 Actual</u>	<u>2001 As Filed</u>	<u>2002 As Filed</u>
Holyrood	\$ 6,519,752 (1)	\$ 7,517,759 (2)	\$ 6,367,283 (3)
Hydro Generation	1,537,706 (4)	1,232,250 (5)	1,265,300 (6)
IS&T	375,014 (7)	409,100 (7)	409,100 (7)
Generation Engineering	5,735 (8)	17,400 (9)	17,400 (9)
Generation Operations	483	2,200 (10)	2,200 (10)
System Planning	582	1,400 (11)	1,400 (11)
	<u>8,439,272</u>	<u>9,180,109</u>	<u>8,062,683</u>

- (1) Routine and breakdown maintenance of \$4,043,000 plus non-routine projects requirements of \$2,477,000. The larger projects are comprised mainly of:

General Service Cooling System	\$500,000
Unit # 3 Retaining Rings Purchase	\$270,000
Asbestos Removal Program	\$105,000
Coating Interior Liner Panels	\$100,000

- (2) Routine and breakdown maintenance of approximately \$4,400,000 plus a major unit overhaul of approximately \$1,500,000 and non-routine projects of approximately \$1,592,000. The larger projects are comprised mainly of:

Unit # 3 Turbine Steam Chest Cracks	\$500,000
Asbestos Removal Program	\$100,000
Stack Repairs	\$120,000
Unit # 2 Extraction Pump Upgrade	\$109,000
Unit # 3 Retaining Rings Repairs	\$100,000
Unit #1 Airheater Repairs	\$184,000

- (3) Routine and breakdown maintenance of approximately \$4,550,000 plus valve overhauls of approximately \$330,000 and non-routine projects of \$1,522,000. The larger projects are comprised mainly of:

Plant Stores Expansion	\$220,000
Replacing Roofs	\$142,000
Asbestos Removal Program	\$116,000
Heat Tracing Fuel Oil Line	\$113,000
Unit # 1 CW Pump East Upgrade	\$95,000
Unit # 3 Condenser Retubing	\$80,000

- (4) Routine and breakdown maintenance of \$950,000 plus non-routine projects requirements of \$587,706. Non-routine projects in excess of \$30,000 are comprised of:
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|---|-----------|
| Modification to Gate Gears - Hinds Lake | \$38,000 |
| Replacement of Annunciator - Bay d'Espoir | \$50,000 |
| Piping Replacement Program - several plants | \$60,000 |
| Repair of No. 2 Stator - Bay d'Espoir | \$63,000 |
| Cooler Replacements Units 1 to 6 - Bay d'Espoir | \$123,000 |
- (5) Routine and breakdown maintenance of \$959,570 plus non-routine projects requirements of \$272,500. Non-routine projects in excess of \$30,000 are comprised of:
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|--|----------|
| Spillway Gate Modifications - Hinds Lake | \$30,000 |
| Replace Surface Air Cooling Piping - Cat Arm | \$30,000 |
| Replace Generator Bearing Supply & Discharge Cooling Water Lines Units 1 To 4 - Bay d'Espoir | \$40,000 |
- (6) Routine and breakdown maintenance of \$973,300 plus non-routine projects requirements of \$292,000. Non-routine projects in excess of \$30,000 are comprised of:
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|--|----------|
| Repairs To Road - Cat Arm | \$60,000 |
| Recoat Roof - Powerhouses 1 & 2 - Bay d'Espoir | \$32,500 |
- (7) Network Services Maintenance \$100,000
Maintenance Contracts with Equipment Suppliers \$150,000
Computer Operations - Disc Drive Upgrades Etc. \$150,000
- (8) Emergency Preparedness Plan (EPP) for High Hazard Dams on Hydro System
- (9) Field Forms & Maps, Printing and Reports for EPP
- (10) Various offices supplies and furniture repairs for the Energy Control Center.
- (11) Various office supplies and equipment repairs.