

**IN THE MATTER OF** the  
*Public Utilities Act*, (the “Act”)

**AND,**

**IN THE MATTER OF** an Application by  
by Newfoundland and Labrador Hydro for  
an Order approving: (1) its 2006 capital budget  
pursuant to s.41(1) of the Act; (2) its 2006  
capital purchases, and construction projects  
in excess of \$50,000 pursuant to s.41(3) (a)  
of the Act; (3) its leases in excess of  
\$5,000 pursuant to s. 41(3) of the Act;  
and (4) its estimated contributions  
in aid of construction for 2006 pursuant to  
s. 41(5) of the Act and for an Order pursuant to  
s. 78 of the Act fixing and determining its average  
rate base for 2004.

## **INFORMATION REQUESTS**

### **Island Pond Development – Feasibility Update, p. B-5, \$998,000**

#### **PUB 1.NLH**

How have recent developments regarding the proposed activities of Industrial Customers of NLH impacted NLH’s forecasts concerning the anticipated deficits in capacity and energy expected to occur in the 2009 timeframe?

#### **PUB 2. NLH**

Please provide summaries of the results of the feasibility studies that were completed in the late 1980 and in 1996.

### **Portland Creek Development – Final Feasibility Study, p. B-7, \$796,000**

#### **PUB 3.NLH**

Please provide a summary of the results of the 1987 pre-feasibility report.

#### **PUB 4.NLH**

What activities or studies have NLH undertaken to determine the role that Demand Side Management plays in the future demand and energy requirements of the province?

**Wind Generation Inventory Study, p. B-9, \$143,200**

**PUB 5.NLH**

Does NLH intend to include proposals from other interested parties in its review of potential wind resource sites for the development and supply of wind generation to the Province?

**Install Waste Oil Holding Tanks, p. B-19, \$82,400**

**PUB 6.NLH**

What common characteristics would cause this installation of five waste oil storage tanks at four specific per-determined sites to be a pooled project?

**PUB 7.NLH**

Please provide a breakdown of the cost budgeted for each site?

**HVAC Replacements – Relay, Control and Exciter Rooms, p. B-29, \$565,000**

**PUB 8.NLH**

Which Federal regulations are being violated by the continued use of refrigerant R-22?

**Modify Boiler Protection and Control, p. B-34, \$116,600**

**PUB 9.NLH**

Please provide further detail regarding the eight drum level trips that have occurred over the past years, including the dates on which these events occurred and the impact that they had on customers.

**Wood Pole Line Management, p. B-39, \$2,302,600**

**PUB 10.NLH**

Please provide an update on the process of this program in 2005, including the actual expenditures to August 30, 2005, the number of poles replaced to August 30, 2005, and the forecast expenditures for 2005.

**Replace Insulators TL 231, (230 kV Bay d’Espoir – Stoney Brook), p. B-41, \$916,000**

**Replace Insulators, p. B-49, \$306,800**

**Replace Insulators, p. B-72, \$1,020,000**

**PUB 11.NLH**

Please provide an on the status of the overall program to replace insulators manufactured by the Canadian Ohio Brass Company, including: 1) the number of insulators that have been replaced to date; 2) the cost that has been incurred to December 31, 2004 to carry out this program; 3) the anticipated timetable for the replacement of the remaining COB insulators; 4) the anticipated cost to replace the remaining COB insulators; 5) the areas of the NLH system that continue to require this attention; and 6) the number of COB insulators, set out by area, that will remain in the system as of December 31, 2005.

**Upgrade 138 kV and 66 kV Protection Systems, p. B-45, \$108,900**

**PUB 12.NLH**

Please provide reliability statistics that are applicable to the operation of the 138 kV and 66 kV systems in the Bottom Brook Terminal Station for the years 2000 to 2004, and to August 31, 2005.

**Replace Air Compressor and Dryer, p. B-53, \$70,700**

**PUB 13.NLH**

What is the role of the Grand Falls Frequency Converter Station?

**Replace Instrument Transformers, p. B-57, \$78,400**

**\*PUB 14.NLH**

Please provide a table outlining: 1) the total expenditures in each year from 2001 to 2005F; 2) the number of transformers purchased, or expected to be purchased, in each of those years; 3) the average cost per unit purchased; 4) the number of transformers actually replaced; and 5) the location of the replacements.

**Replace Battery Banks, p. B-59, \$71,600**

**\*PUB 15.NLH**

Please provide a table outlining: 1) the total expenditures in each year from 2001 to 2005F; 2) the number of units purchased, or expected to be purchased in each of those years; 3) the average cost per unit purchased; 4) the number of units replaced; and 5) the location of the replacements.

**Replace Surge Arrestors, p. B-61, \$70,000**

**\*PUB 16.NLH**

Please provide a table outlining: 1) the total expenditures in each year from 2001 to 2005F; 2) the number of units purchased, or expected to be purchased in each of those years; 3) the average cost per unit purchased; 4) the number of units replaced; and 5) the location of the replacements.

**Upgrade Distribution Feeders, p. B-65, \$2,017,000**

**\*PUB 17.NLH**

Please provide a table outlining: 1) the total expenditures in each year from 2001 to 2005F; 2) a breakdown by feeder serviced of the total cost for each year; 3) a comparison with the budgeted amount of the total cost for each feeder; 4) length of each feeder; and 5) average expenditure per km of each feeder upgraded.

**Provide Service Extensions, p. B-68, \$1,948,000**

**\*PUB 18.NLH**

Please provide a table outlining: 1) the total expenditures in each year from 2001 to 2005F; 2) the number of extensions provided, or expected to be provided, in each of those years; and 3) the average cost per extension in each year.

**Upgrade Distribution Systems, p. B-70, \$1,912,000**

**\*PUB 19.NLH**

Please provide a table outlining: 1) the total expenditures in each year from 2001 to 2005F; 2) the total expenditures for each distribution line serviced in each of those years; 3) the length in kilometers of each distribution line upgraded; and 4) the average expenditure per km of each distribution line for each year.

**Replace Poles, p. B-74, \$331,800**

**\*PUB 20.NLH**

Please provide a table outlining: 1) the total expenditures in each year from 2001 to 2005F; 2) the length of line serviced in each system in each year; and 3) the average cost per km for each system in each year.

**PUB 21.NLH**

If "B" condition indicates that poles should be replaced in one to five years, why had NLH chosen 2006 as the year in which these poles should be replaced?

**Construction of New Diesel Plant, p. B-78, \$2,226,500**

**PUB 22.NLH**

What plans does NLH have for the mobile diesel unit that is currently stationed in St. Lewis?

**PUB 23.NLH**

Please provide a copy of any cost/benefit studies or other documentation that supports the decision to overhaul an engine no more than five times.

**PUB 24.NLH**

Please provide a breakdown of the cost replacing the two diesel units without the construction of a new diesel plant.

**Replace Diesel Generation Units, p. B-83, \$663,200**

**\*PUB 25.NLH**

Please provide a table outlining: 1) the total expenditures in each year from 2001 to 2005F; 2) a breakdown of the total cost by area in which units were replaced, including the number of units replaced; and 3) a comparison of the actual expenditure in an area with the amount budgeted.

**Replace Control Panel, p. B-85, \$135,000**

**PUB 26.NLH**

Please provide a summary of the total proposed expenditures for the Rigolet diesel plant for 2006.

**Install NOx Monitor, p. B-86, \$106,300**

**PUB 27.NLH**

Does NLH have plans to install emissions monitoring devices in other rural isolated area of the Province?

**Replace Generating Unit Breakers, p. B-87, \$67,900**

**\*PUB 28.NLH**

Please provide a table outlining: 1) the total expenditures in each year from 2001 to 2005F; 2) the number of breakers replaced in each of those years; and 3) the average expenditure per breaker installed in each year.

**Purchase Meters and Equipment, p. B-88, \$92,500**

**\*PUB 29.NLH**

Please provide a table outlining: 1) the total expenditures in each year from 2001 to 2005F; 2) the number of demand/energy meters purchased in each of those years; and 3) the average cost per meter in each year.

**Replace Off Road Track Vehicles, p. B-91, \$636,000**

**\*PUB 30.NLH**

Please provide a table outlining: 1) the total expenditures in each year from 2001 to 2005F; 2) the number of vehicles purchased in each year; 3) the average cost per vehicle in each year; and 4) the total number of such vehicles owned by NLH at December 31 of each year.

**Application Enhancements, p. B-93, \$780,500**

**\*PUB 31.NLH**

Please provide a table outlining: 1) the total expenditures in each year from 2001 to 2005F; and 2) a comparison of the budgeted amount with the actual expenditure for each year.

**Corporate Application Enviroment, p. B-96, \$555,800**

**\*PUB 32.NLH**

Please provide a table outlining: 1) the total expenditures in each year from 2001 to 2005F; 2) a comparison of the budgeted amount with the actual expenditure in each year; and 3) the number of applications upgraded each year.

**Peripheral Infrastructure Replacement, p. B-99, \$199,100**

**\*PUB 33.NLH**

Please provide a table outlining: 1) the total expenditures in each year from 2001 to 2005F; 2) the number of units replaced in each year; and 3) the average cost per unit each year.

**Microwave Site Refurbishing, p. B-101, \$407,000**

**PUB 34.NLH**

Please provide a breakdown of the costs relating to each site included in this project.

**PUB 35.NLH**

What has been the practice of NLH with regard to the inspection of the sites in the West Coast Microwave Site infrastructure?

**PUB 36.NLH**

Please describe NLH's plan to inspect the sites of the West Coast Microwave site infrastructure.

**Replace Battery System, p. B-103, \$403,000****\*PUB 37.NLH**

Please provide a table outlining: 1) the total expenditures in each year from 2001 to 2005F; 2) the total number of units replaced in each year; and 3) the average expenditure per unit for each year.

**Replace Remote Terminal Units, p. B-105, \$350,900****\*PUB 38.NLH**

Please provide a table outlining: 1) the total expenditures in each year from 2001 to 2005F; 2) the number of units replaced in each year; and 3) the average cost per unit for each year.

**PUB 39.NLH**

What are the plans of the Company with regard to the completion of phases 8 and 9 of the project?

**Communications Network Technology, p. B-110, \$96,700****\*PUB 40.NLH**

Please provide a table outlining: 1) the total expenditures in each year from 2001 to 2005F; 2) the number of telecommunication network components replaced in each year; and 3) the average cost per component for each year.

**PUB 41.NLH**

Please provide more detail with regard to the types of telecommunication network components that NLH proposes to replace on an eight-year cycle.

**Note 1 \* Indicates information that should normally be filed with the application**

**DATED** at St. John's, Newfoundland this 12 day of August 2005.

**BOARD OF COMMISSIONERS OF PUBLIC UTILITIES**

Per Original signed by  
G. Cheryl Blundon  
Board Secretary