

- 1 Q. Provide a comparison of the cost to the consumer to heat a typical home with
2 oil, wood and electricity at current rates. Provide a comparison of the cost to
3 the consumer of hot water for a typical home using oil and electricity at
4 current rates. In the comparison show Hydro's cost of supplying electricity for
5 1) hot water, and 2) home heating for a typical home.
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- 8 A. See attached table.

	Space Heating	Water Heating
Estimated End-Use Electricity Consumption	22,300	3,300
Annual Cost of Electricity to Consumer 2		
Island Interconnected	\$1,507	\$223
Labrador Interconnected	\$449	\$66
Isolated Diesel	\$2,893	\$269
Annual Cost of Oil to Consumer 3		
Island Interconnected	\$1,156	\$226
Labrador Interconnected	not available	not available
Isolated Diesel	not available	not available
Annual Cost of Wood to Consumer 4		
Island Interconnected	not available	-
Labrador Interconnected	not available	-
Isolated Diesel	not available	-
Hydro's Cost of Electricity Supply 5		
Island Interconnected	\$2,277	\$288
Labrador Interconnected	\$487	\$62
Labrador Diesel	\$11,864	\$1,756
Island Diesel	\$16,603	\$2,457
L'Anse au Loup	\$4,981	\$626

Notes:

1. Weighted average electricity consumption based on means analysis compiled from 2001 survey of households in Hydro's service territory.
2. Cost of electricity based on domestic tariff to consumer at July 1, 2001 excluding HST and discount. Consumer cost of electricity for Labrador interconnected is weighted cost. Isolated diesel customer costs calculated at 3rd block for electric heat and an average of the 1st and 2nd blocks for electric hot water. Excludes equipment and maintenance costs.
3. Costs for oil are illustrated using the July 1, 2001 the residential furnace oil price of a principal fuel oil distributor in St. John's. Furnace efficiency obtained from Natural Resources Canada. Hydro does not regularly collect fuel oil cost data from across the Province. Excludes equipment and maintenance costs.
4. Hydro does not regularly collect firewood prices from across the Province. The high incidence of homeowner procurement makes it difficult to impute prices.
5. Hydro's 2002 Cost of Service as per JAB Schedule 1.3 (Demand and Energy cost for domestic all-electric for space heating and domestic for water heating).