

1 Q. **Re: NLH Evidence, Section 1, page 1.13, lines 8-17**

2 “The net electricity requirements for isolated diesel systems are projected to
3 increase by 13.5 GWh or 22.0% in 2013 relative to the 2007 Test Year. The
4 primary driver is the increasing customer load in Labrador, in particular, on
5 the L’Anse au Loup system. L’Anse au Loup has experienced strong electricity
6 sales growth following the introduction of lower electricity rates as a result of
7 the interconnection of the L’Anse au Loup system to Hydro Québec’s Lac
8 Robertson system. Over one-third of the homes on the L’Anse au Loup system
9 now have electricity as the main heating source whereas prior to the rate
10 change very few homes were heated by electricity. Given the cost to
11 consumers of heating fuel compared to electricity costs, further conversion to
12 electric heat is anticipated and additional capital expenditure will likely be
13 required.”

14 Please indicate in what year the interconnection of the L’Anse au Loup system to
15 the Lac Robertson system took place, and provide a historical overview of rates in
16 the L’Anse au Loup system, indicating the evolution of each billing determinant
17 (customer charge, demand charge, energy charge per block) starting prior to that
18 interconnection.

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21 A. The L’Anse au Loup system was interconnected to the Lac Robertson system in
22 1996.

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24 Please see IN-NLH-063 Attachment 1 for the rate schedules applicable for the
25 L’Anse au Loup system in 1996 and as of July 1, 2013. The 1996 schedules include
26 the applicable rates prior to and after the interconnection.

L'Anse au Loup Rates (1996)

		Rates prior to Interconnection in 1996	Rates post Interconnection in 1996	
Determinant		Isolated Systems July 1, 1996	Island Interconnected July 1, 1996	
Residential	Basic Customer Charge	\$/month	16.72	16.72
	Energy			
	All kWh:	¢/kWh		6.603
	Energy - Block 1:	¢/kWh	6.603	N/A
	Energy - Block 2:	¢/kWh	9.606	N/A
	Energy - Block 3:	¢/kWh	13.022	N/A
	Minimum Monthly Charge	\$/month	16.72	16.72
General Service 0-10kW	Basic Customer Charge:	\$/month	19.03	19.03
	Energy			
	All kWh:	¢/kWh	NA	8.649
	Energy - Block 1:	¢/kWh	8.649	NA
	Energy - Block 2:	¢/kWh	19.540	NA
	Minimum Monthly Charge			
	Single Phase:	\$/month	19.03	19.03
Three Phase:	\$/month	NA	38.06	
General Service 10-100kW	Basic Customer Charge:	\$/Month	19.03	NA
	Energy			
	First 700 kWh	¢/kWh	8.649	NA
	Over 700 kWh	¢/kWh	19.540	NA
	<i>Lesser of</i>			
	Energy			
	First 150 kWh per kW:	¢/kWh	NA	7.201
	All excess kWh:	¢/kWh	NA	4.699
	Demand (minimum 10 kW)			
	Winter:	\$/kW	NA	8.17
	Summer:	\$/kW	NA	7.42
	<i>Or</i>			
	Energy			
All kWh	¢/kWh	NA	20.500	
Minimum Monthly Charge				
Single Phase:	\$/kW Maximum Demand	NA	2.31	
Three Phase:	\$/month	NA	38.06	
All:		19.03	NA	

L'Anse au Loup Rates (1996)

		Rates prior to Interconnection in 1996	Rates post Interconnection in 1996	
Determinant		Isolated Systems July 1, 1996	Island Interconnected July 1, 1996	
General Service 110-1000kVA	Basic Customer Charge:	\$/Month	19.03	NA
	Energy			
	First 700 kWh	¢/kWh	8.649	NA
	Over 700 kWh	¢/kWh	19.540	NA
	<i>Lesser of</i>			
	Energy			
	First 150 kWh per kW (30,000 max.)	¢/kWh	NA	6.607
	All excess kWh	¢/kWh	NA	4.145
	Demand (minimum 110 kVA)			
	Winter:	\$/kW	NA	6.79
	Summer:	\$/kW	NA	6.04
	<i>Or</i>			
Energy				
All kWh	¢/kWh	NA	20.500	
Minimum Monthly Charge	\$/kW Maximum Demand		2.31	
Minimum Monthly Charge	\$/Month	19.03	NA	
General Service 1000kVA+	Basic Customer Charge:	\$/Month	19.03	NA
	Energy			
	First 700 kWh	¢/kWh	8.649	NA
	Over 700 kWh	¢/kWh	19.540	NA
	<i>Lesser of</i>			
	Energy			
	First 100,000 kWh	¢/kWh	NA	5.835
	All excess kWh	¢/kWh	NA	4.007
	Demand (minimum 110 kVA)			
	Winter:	\$/kW	NA	6.39
	Summer:	\$/kW	NA	5.64
	<i>Or</i>			
Energy				
All kWh	¢/kWh	NA	20.500	
Minimum Monthly Charge	\$/kW Maximum Demand	NA	2.31	
Minimum Monthly Charge	\$/Month	19.03	NA	

L'Anse au Loup Rates (July 1, 2013)

	Determinant	Rates
		Island Interconnected
Residential	Basic Customer Charge	
	Not exceeding 200 Amp Service:	\$/month 15.68
	Exceeding 200 Amp Service:	\$/month 20.68
	Energy:	
	All kWh	¢/kWh 10.945
	Energy - Block 1:	¢/kWh N/A
	Energy - Block 2:	¢/kWh N/A
	Energy - Block 3:	¢/kWh N/A
	Minimum Monthly Charge	
	Not exceeding 200 Amp Service:	\$/month 15.68
Exceeding 200 Amp Service:	\$/month 20.68	
General Service 0-10kW	Basic Customer Charge:	\$/month 21.91
	Energy	
	First 3,500 kWh:	¢/kWh 10.927
	All excess kWh:	¢/kWh 8.336
	All kWh	¢/kWh N/A
	Demand (in excess of 10 kW)	
	Winter:	\$/kW 8.68
	Summer:	\$/kW 6.18
	Minimum Monthly Charge	
	Single Phase:	\$/month 21.91
Three Phase:	\$/month 36.00	
General Service 10-100kW	Basic Customer Charge:	\$/month 21.91
	Energy	
	First 3,500 kWh:	¢ per kWh 10.927
	All excess kWh:	¢ per kWh 8.336
	All kWh	¢ per kWh N/A
	Demand (in excess of 10 kW)	
	Winter:	\$/kW 8.68
	Summer:	\$/kW 6.18
	All	\$/kW
	Minimum Monthly Charge	
Single Phase:	\$/month 21.91	
Three Phase:	\$/month 36.00	

L'Anse au Loup Rates (July 1, 2013)

	Determinant	Rate
		Island Interconnected
General Service 110-1000kVA	Basic Customer Charge:	\$/month 50.02
	Energy	
	First 150 kWh per kVA of billing demand, up to 50,000 kWh:	¢/kWh 9.649
	All excess kWh:	¢/kWh 7.878
	All kWh	¢/kWh N/A
	Demand (in excess of 10 kW)	
	Winter:	\$/kVA 7.54
	Summer:	\$/kVA 5.04
	All	\$/kW N/A
	Minimum Monthly Charge	
	Single Phase:	\$/month N/A
Three Phase:	\$/month N/A	
General Service 1000kVA+	Basic Customer Charge:	\$/month 85.03
	Energy	
	First 75,000 kWh:	¢/kWh 9.126
	All excess kWh:	¢/kWh 7.644
	All kWh	¢/kWh N/A
	Demand	
	Winter:	\$/kVA 7.12
	Summer:	\$/kVA 4.62
	All	\$/kW N/A
	Minimum Monthly Charge	
	Single Phase:	\$/month N/A
Three Phase:	\$/month N/A	