

- 1    Q.    Using historical data for the last three years, please calculate NP weather  
2           normalized monthly billing determinants consistent with the demand-based  
3           rate as described on page 3 of Mr. Banfield's evidence and in PUB 150 NLH.  
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5  
6    A.    Please see attached for the calculation of billing determinants. For simplicity,  
7           Newfoundland Power's test year native load is assumed to be the 2002 test  
8           year native load.

**Newfoundland and Labrador Hydro**  
**Billing Determinants based on Exhibit RDG-2**

**BILLING DEMAND**

Line No.	1 Month	2 2001 (MW)	3 2002 (MW)	4 2003 (MW)	5 Comments
1	January	930.1	1,051.1	940.0	Greater of (a) and (b)
2	February	930.1	1,051.1	993.5	Greater of (a) and (b)
3	March	930.1	1,051.1	993.5	Greater of (a) and (b)
4	April	970.2	955.2	1,017.7	Greater of (c) and (b)
5	May	970.2	955.2	1,017.7	Greater of (c) and (b)
6	June	970.2	955.2	1,017.7	Greater of (c) and (b)
7	July	970.2	955.2	1,017.7	Greater of (c) and (b)
8	August	970.2	955.2	1,017.7	Greater of (c) and (b)
9	September	970.2	955.2	1,017.7	Greater of (c) and (b)
10	October	970.2	955.2	1,017.7	Greater of (c) and (b)
11	November	970.2	955.2	1,017.7	Greater of (c) and (b)
12	December	970.2	955.2	1,017.7	Greater of (c) and (b)

**(a) - highest Native Load less generation credits beginning previous November and ending in current month**

	6	7	8	9
		NP Native Load	NP Generation Credit (MW)	(a) (MW)
13	November-00	840.2	(124.8)	715.4
14	December-00	1,025.5	(124.8)	900.7
15	January-01	971.1	(124.8)	846.3
16	February-01	988.7	(124.8)	863.9
17	March-01	911.3	(124.8)	786.5
18	November-01	895.3	(124.8)	770.5
19	December-01	945.8	(124.8)	821.0
20	January-02	1,175.9	(124.8)	1,051.1
21	February-02	1,175.9	(124.8)	1,051.1
22	March-02	953.1	(124.8)	828.3
23	November-02	901.2	(124.8)	776.4
24	December-02	1,064.8	(124.8)	940.0
25	January-03	1,032.7	(124.8)	907.9
26	February-03	1,118.3	(124.8)	993.5
27	March-03	1,110.0	(124.8)	985.2

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**(b) Minimum Billing demand**

	10	11	12	13	14
	NP	NP			
	NP	Generation			
	2002 test year	Credit			(b)
	native load	(MW)	Subtotal	x 98%	(MW)
28	1,073.9	(124.8)	949.10	98%	930.1

**(c) Weather Adjusted Newfoundland Power Native Peaks**

	15	16	17	18	19	20
		NP Native	NP Generation		Weather	
		Weather	Credit		Adjustment	
		Adjusted		Subtotal	True-up	(c)
		(MW)	(MW)		(MW)	(MW)
29	Winter 2000/2001	1085	-124.8	960.2	10.0	970.2
30	Winter 2001/2002	1104	-124.8	979.2	(24.0)	955.2
31	Winter 2002/2003	1132	-124.8	1007.2	10.5	1,017.7

**Weather Adjustment True-up**

	21	22	23	24	25	26	27
		Weather					
		Adjusted					
		Native Load					
		less	Minimum				
		generation	Billing		Jan - Mar		
		credits x 3	Demand x 3	Greater	Billed	Difference	one-ninth
		(MW)	(MW)		Demand		
32	Winter 2000/2001	2,880.6	2,790.4	2,880.6	2,790.4	90.2	10.0
33	Winter 2001/2002	2,937.6	2,790.4	2,937.6	3,153.4	(215.8)	(24.0)
34	Winter 2002/2003	3,021.6	2,790.4	3,021.6	2,926.9	94.7	10.5