

1 **Newfoundland and Labrador Hydro 2013 General Rate Application**

2 **Response to NP-LWHN-001**

3

4 **Question:** [Pre-filed Evidence of James P. Feehan, Ph.D., April 20, 2014, page 4, footnote 4]

5 Dr. Feehan states that unpublished Newfoundland Power generation data was used in Table 2 of
6 the report. Please provide the data used in Table 2 and specify the source of the data.

7

8 **Answer:** The data and sources are given on the following page.

9 The following table shows the complete dataset and calculations for Table 2. Note that the
 10 **bolded figures in the table below correspond to the contents of Table 2.**

Columns:	1	2	3	4	5	6	7	8	9	10
	NP Customer	NP Energy	NP Own-	NP Own-Generation	NP Customer	Labrador	Labrador	Labrador Customer	Absolute	
	Share of	Purchases from	Generation	Plus Purchases	Share of Rural Deficit	Customer Share	Customer Energy	Share of Rural Deficit	Difference	Percentage
Year	Rural Deficit	NL Hydro (MWh)	(MWh)	from NLH (MWh)	Per MWh	of Rural Deficit	Consumption (MWh)	Per MWh	Per MWh	Difference
2003	\$38,773,733	4,641,719	402,900	5,044,619	\$7.69	\$5,077,325	453,818	\$11.19	\$3.50	45.6%
2004	\$34,162,445	4,708,713	416,900	5,125,613	\$6.67	\$4,286,987	461,447	\$9.29	\$2.63	39.4%
2005	\$32,930,492	4,664,093	456,800	5,120,893	\$6.43	\$4,213,369	450,680	\$9.35	\$2.92	45.4%
2006	\$34,532,501	4,616,864	426,300	5,043,164	\$6.85	\$4,373,812	434,390	\$10.07	\$3.22	47.0%
2007	\$35,488,968	4,990,719	379,900	5,370,619	\$6.61	\$4,384,266	465,675	\$9.41	\$2.81	42.5%
2008	\$39,593,680	4,959,753	455,800	5,415,553	\$7.31	\$4,862,233	468,931	\$10.37	\$3.06	41.8%
2009	\$34,691,922	5,111,194	427,700	5,538,894	\$6.26	\$4,480,152	486,283	\$9.21	\$2.95	47.1%
2010	\$35,898,050	5,013,581	463,900	5,477,481	\$6.55	\$4,262,393	449,169	\$9.49	\$2.94	44.8%
2011	\$43,947,350	5,317,495	469,500	5,786,995	\$7.59	\$5,423,555	491,515	\$11.03	\$3.44	45.3%
11 2012	\$43,847,670	5,359,317	390,300	5,749,617	\$7.63	\$5,411,164	525,922	\$10.29	\$2.66	34.9%

12 The sources for the figures in each of the table's column are as follows.

13 Column 1: Source - LWHN-NLH-017-Attachment 1, line 1.

14 Column 2: Source - LWHN-NLH-017-Attachment 1, line 2.

15 Column 3: Source - request to Newfoundland and Labrador Hydro, Systems Operations unit.

16 Column 4: These figures are the sum of those in Column 2 and Column 3.

17 Column 5: These figures result from dividing those in Column 1 by those in Column 4.

18 Column 6: Source - LWHN-NLH-017-Attachment 1, line 4.

19 Column 7: Source - LWHN-NLH-017-Attachment 1, line 5.

20 Column 8: These figures result from dividing those in Column 6 by those in Column 7.

21 Column 9: These figures result from subtracting Column 5 from Column 8.

22 Column 10: These figures result from dividing those in Column 8 by those in Column 5.