Q. **Reference: Regulated Activities Evidence**

Calculate the pro-forma RSP Hydraulic Production Variation balance that would exist at the end of June 2013 using the hydraulic production data provided in the response to Request for Information NP-NLH-17 and assuming: (i) the current RSP Hydraulic Production Variation mechanism; (ii) the 2013 Test Year forecast cost of No. 6 fuel; (iii) the 2013 Test Year Holyrood energy conversion factor; and, (iv) the 2013 forecast RSP finance costs.

Please provide the response in a tabular format similar to response to Request for Information NP-NLH-18.

A. NP-NLH-080, Attachment 1 provides the hydraulic production variation that would exist at the end of June 2013 using the data provided in the response to NP-NLH-017 and incorporating the assumptions noted above.

**Newfoundland and Labrador Hydro**
**Rate Stabilization Plan**
**Net Hydraulic Production Variation**

| Year | A<br>Cost of Service Net Hydraulic Production<br>(GWh) | B<br>Actual Net Hydraulic Production<br>(GWh) | C<br>Annual Net Hydraulic Production Variance<br>(GWh)<br>(A - B) | D<br>Cost of Service No. 6 Fuel Cost [2]<br>($Can/bbl.) | E<br>Net Hydraulic Production Variation<br>($000)<br>(C / O[1] X D) | F<br>Financing Charges<br>($000) | G<br>Cumulative Variation and Financing Charges<br>($000) | H<br>Hydraulic Allocation plus YTD Financing<br>($000) | I<br>Hydraulic Variation at Year End<br>($000)<br>(G + H) |
|---|---|---|---|---|---|---|---|---|---|
| **1994** | 4,205.3 | 5,036.6 | (831.3) | 107.98 | (146,675) | (11,090) | (157,765) | 39,441 | (118,323) |
| **1995** | 4,205.3 | 4,386.3 | (180.9) | 107.98 | (31,923) | (11,360) | (161,607) | 48,922 | (112,685) |
| **1996** | 4,205.3 | 4,565.6 | (360.3) | 107.98 | (63,565) | (13,326) | (189,576) | 57,389 | (132,188) |
| **1997** | 4,205.3 | 4,620.5 | (415.2) | 107.98 | (73,257) | (15,534) | (220,978) | 66,895 | (154,083) |
| **1998** [3] | 4,205.3 | 4,424.8 | (219.5) | 107.98 | (38,721) | (14,578) | (207,382) | 62,779 | (144,603) |
| **1999** | 4,205.3 | 4,803.0 | (597.6) | 107.98 | (105,446) | (18,906) | (268,956) | 81,419 | (187,537) |
| **2000** | 4,205.3 | 5,012.7 | (807.4) | 107.98 | (142,454) | (24,951) | (354,942) | 107,449 | (247,494) |
| **2001** | 4,205.3 | 3,953.4 | 252.0 | 107.98 | 44,455 | (15,352) | (218,390) | 66,111 | (152,279) |
| **2002** | 4,143.2 | 3,981.8 | 161.4 | 107.98 | 28,477 | (9,361) | (133,162) | 40,311 | (92,851) |
| **2003** | 4,425.0 | 4,321.1 | 103.9 | 107.98 | 18,332 | (5,634) | (80,154) | 24,264 | (55,890) |
| **2004** | 4,543.8 | 4,726.4 | (182.5) | 107.98 | (32,203) | (6,661) | (94,754) | 28,684 | (66,070) |
| **2005** | 4,582.2 | 4,769.6 | (187.5) | 107.98 | (33,079) | (7,497) | (106,645) | 32,284 | (74,361) |
| **2006** | 4,582.2 | 4,802.5 | (220.3) | 107.98 | (38,875) | (8,562) | (121,798) | 36,871 | (84,927) |
| **2007** | 4,472.1 | 4,689.4 | (217.4) | 107.98 | (38,351) | (9,321) | (132,598) | 40,140 | (92,458) |
| **2008** | 4,472.1 | 4,771.0 | (299.0) | 107.98 | (52,750) | (10,979) | (156,187) | 47,281 | (108,906) |
| **2009** [4,6] | 4,472.1 | 4,611.9 | (139.9) | 107.98 | (24,679) | (10,100) | (143,685) | 43,497 | (100,188) |
| **2010** [5,6] | 4,472.1 | 4,711.6 | (239.6) | 107.98 | (42,269) | (10,771) | (153,229) | 46,386 | (106,843) |
| **2011** [6] | 4,472.1 | 4,502.2 | (30.1) | 107.98 | (5,308) | (8,480) | (120,631) | 36,518 | (84,113) |
| **2012** [6] | 4,472.1 | 4,590.2 | (118.1) | 107.98 | (20,836) | (7,935) | (112,884) | 34,172 | (78,712) |
| **2013 YTD June** | 2,239.1 | 2,530.5 | (291.4) | 107.98 | (51,414) | (9,839) | (139,964) | 42,370 | (97,594) |

[1] O is the Holyrood Operating Efficiency of 612 kWh/barrel per the 2013 Test Year.

[2] For the purpose of this response, the average of the 12 months No. 6 2013 Test Year fuel cost was used.

[3] 1998 balances adjusted to reflect an additional 172.6 GWh related to spill recorded in 1999.

[4] 2009 balances adjusted to reflect an additional 5.7 GWh recorded in 2010.

[5] 2010 balances adjusted to reflect an additional 0.6 GWh recorded in 2011.

[6] Includes Nalcor Exploits Base generation and Secondary Energy from Corner Brook Pulp and Paper. Nalcor Exploits Base generation is generation from the Grand Falls, Bishops Falls and Buchans generating stations that was used to supply mill operations prior to the shut down of Abitibi's Grand Falls-Windsor Paper Mill in February of 2009. Please refer to the Regulated Operations section of the GRA evidence for further explanation of Hydro's treatment of this generation.