Filed: 2014-12-18
EB-2014-0370
Exhibit H1
Tab 1
Schedule 1
Table 1

Table 1
Deferral and Variance Accounts
Closing Account Balances - 2012 to 2014 (\$M)

		EB-2012-0002	Actual	
		Year End	Year End	Projected
Line	<u>.</u>	Balance	Balance	Year End Balance
No.	Account	20121	2013 ²	2014 ³
		(a)	(b)	(c)
	Demolate III. In the death			
	Regulated Hydroelectric:	474	22.4	40.7
	Hydroelectric Water Conditions Variance Ancillary Services Net Revenue Variance - Hydroelectric	17.1	22.4 15.8	12.7
	Hydroelectric Incentive Mechanism Variance	(2.4)	(5.0)	(10.6) (7.5)
	Hydroelectric Surplus Baseload Generation Variance	4.1	19.2	52.0
	Income and Other Taxes Variance - Hydroelectric	(2.5)	(1.1)	(0.1)
6	Tax Loss Variance - Hydroelectric	48.2	19.7	0.0
_	Capacity Refurbishment Variance - Hydroelectric	1.1	112.7	232.6
	Gross Revenue Charge Variance	N/A	N/A	0.0
	Pension and OPEB Cost Variance - Hydroelectric - Historic	2.5	1.0	0.0
	Pension and OPEB Cost Variance - Hydroelectric - Future	12.6	11.3	10.5
	Pension and OPEB Cost Variance - Hydroelectric - Post 2012 Additions	N/A	18.6	35.5
	Pension & OPEB Cash Versus Accrual Differential Deferral - Hydroelectric	N/A	N/A	9.2
	Pension & OPEB Cash Payment Variance - Hydroelectric	N/A	N/A	(0.9)
	Impact for USGAAP Deferral - Hydroelectric	2.8	1.2	0.0
	Hydroelectric Deferral and Variance Over/Under Recovery Variance	(3.9)	1.3	3.7
16	Total	113.8	217.3	337.1
10	. • • • • • • • • • • • • • • • • • • •	110.0	211.0	
	Nuclear:			
17	Nuclear Liability Deferral	206.2	254.0	286.3
18	Nuclear Development Variance	30.2	56.5	59.0
19	Ancillary Services Net Revenue Variance - Nuclear	1.7	1.9	1.7
20	Capacity Refurbishment Variance - Nuclear - Capital Portion	1.3	5.7	13.1
21	Capacity Refurbishment Variance - Nuclear - Non-Capital Portion	11.8	8.9	6.7
22	Bruce Lease Net Revenues Variance - Derivative Sub-Account	230.3	214.4	129.9
23	Bruce Lease Net Revenues Variance - Non-Derivative Sub-Account - EB-2012-0002	74.8	52.3	37.3
24	Bruce Lease Net Revenues Variance - Non-Derivative Sub-Account - Post 2012 Additions	N/A	85.9	126.8
25	Income and Other Taxes Variance - Nuclear	(32.5)	(17.9)	(8.5)
26	Tax Loss Variance - Nuclear	253.3	103.8	0.0
27	Pension and OPEB Cost Variance - Nuclear - Historic	51.5	20.7	0.0
	Pension and OPEB Cost Variance - Nuclear - Future	257.6	231.8	214.7
29	Pension and OPEB Cost Variance - Nuclear - Post 2012 Additions	N/A	383.7	678.6
30	Pension & OPEB Cash Versus Accrual Differential Deferral - Nuclear	N/A	N/A	62.0
	Pension & OPEB Cash Payment Variance - Nuclear	N/A	N/A	(0.8)
32	Impact for USGAAP Deferral - Nuclear	60.3	24.7	0.0
33	Pickering Life Extension Depreciation Variance	N/A	9.5	7.8
34	Nuclear Deferral and Variance Over/Under Recovery Variance	6.9	42.6	57.4
35	Total	1,153.3	1,478.5	1,671.9
36	Grand Total (line 16 + line 35)	1,267.1	1,695.8	2,009.0

- 1 From Ex. H1-1-1, Table 1a, col. (c).
- 2 From Ex. H1-1-1, Table 1a, col. (h).
- 3 From Ex. H1-1-1, Table 1c, col. (f).

Table 1a Deferral and Variance Accounts Continuity of Account Balances - 2012 to 2013 (\$M)

Lina		Audited Year End	EB-2012-0002	(a)+(b) EB-2012-0002		A a toral C	1042		(c)+(d)+(e)+(f)+(g) Actual
Line No.	Account	Balance 2012 ¹	Negotiated Reductions ²	Year End Balance 2012 ³	Transactions ⁴	Actual 2 Amortization ^{4,5}	Interest ^{4,5}	Transfers ⁵	Year End Balance 2013 ⁵
140.	Account	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
		(2)	(5)	(0)	(α)	(0)		(9)	
	Previously Regulated Hydroelectric:								
1	Hydroelectric Water Conditions Variance	17.1	0.0	17.1	15.2	(10.3)	0.4	0.0	22.4
2	Ancillary Services Net Revenue Variance - Hydroelectric	34.0	0.0	34.0	1.8	(20.4)	0.4	0.0	15.8
3	Hydroelectric Incentive Mechanism Variance	(2.4)	0.0	(2.4)	(2.5)	0.0	(0.0)	0.0	(5.0)
4	Hydroelectric Surplus Baseload Generation Variance	4.1	0.0	4.1	14.9	0.0	0.1	0.0	19.2
5	Income and Other Taxes Variance - Hydroelectric	(2.5)	0.0	(2.5)	(0.1)	1.5	(0.0)	0.0	(1.1)
6	Tax Loss Variance - Hydroelectric	48.2	0.0	48.2	0.0	(28.9)	0.5	0.0	19.7
7	Capacity Refurbishment Variance - Hydroelectric	1.1	0.0	1.1	111.1	0.0	0.5	0.0	112.7
8	Pension and OPEB Cost Variance - Hydroelectric - Historic	2.5	0.0	2.5	0.0	(1.5)	0.0	0.0	1.0
9	Pension and OPEB Cost Variance - Hydroelectric - Future	12.6	0.0	12.6	0.0	(1.3)	0.0	0.0	11.3
10	Pension and OPEB Cost Variance - Hydroelectric - Post 2012 Additions	N/A	N/A	N/A	18.6	N/A	0.0	0.0	18.6
11	Impact for USGAAP Deferral - Hydroelectric	2.8	0.0	2.8	0.0	(1.7)	0.0	0.0	1.2
12	Hydroelectric Deferral and Variance Over/Under Recovery Variance	(3.9)	0.0	(3.9)	2.9	2.3	(0.0)	0.0	1.3
13	Total	113.8	0.0	113.8	162.0	(60.3)	1.8	0.0	217.3
	Nuclear:								
14	Nuclear Liability Deferral	208.0	(1.8)	206.2	122.7	(74.9)	0.0	0.0	254.0
15	Nuclear Development Variance	30.2	0.0	30.2	25.6	0.0	0.7	0.0	56.5
16	Ancillary Services Net Revenue Variance - Nuclear	1.7	0.0	1.7	1.2	(1.0)	0.0	0.0	1.9
17	Capacity Refurbishment Variance - Nuclear - Capital Portion	1.3	0.0	1.3	4.3	0.0	0.0	0.0	5.7
18	Capacity Refurbishment Variance - Nuclear - Non-Capital Portion	11.8	0.0	11.8	4.0	(7.1)	0.1	0.0	8.9
19	Bruce Lease Net Revenues Variance - Derivative Sub-Account	230.3	0.0	230.3	24.6	(40.5)	(0.0)	0.0	214.4
20	Bruce Lease Net Revenues Variance - Non-Derivative Sub-Account - EB-2012-0002	80.2	(5.5)	74.8	0.0	(22.4)	0.0	0.0	52.3
21	Bruce Lease Net Revenues Variance - Non-Derivative Sub-Account - Post 2012 Additions	N/A	N/A	N/A	85.9	0.0	0.0	0.0	85.9
22	Income and Other Taxes Variance - Nuclear	(32.5)	0.0	(32.5)	(4.5)	19.5	(0.3)	0.0	(17.9)
23	Tax Loss Variance - Nuclear	253.3	0.0	253.3	0.0	(152.0)	2.5	0.0	103.8
24	Pension and OPEB Cost Variance - Nuclear - Historic	51.5	0.0	51.5	0.0	(31.4)	0.5	0.0	20.7
25	Pension and OPEB Cost Variance - Nuclear - Future	257.6	0.0	257.6	0.0	(25.8)	0.0	0.0	231.8
26	Pension and OPEB Cost Variance - Nuclear - Post 2012 Additions	N/A	N/A	N/A	383.7	N/A	0.0	0.0	383.7
27	Impact for USGAAP Deferral - Nuclear	60.3	0.0	60.3	0.0	(36.2)	0.6	0.0	24.7
28	Pickering Life Extension Depreciation Variance ⁷	N/A	N/A	N/A	(46.8)	56.3	0.0	0.0	9.5
29	Nuclear Deferral and Variance Over/Under Recovery Variance	6.9	0.0	6.9	39.5	(4.2)	0.3	0.0	42.6
30	Total	1,160.6	(7.3)	1,153.3	640.2	(319.5)	4.4	0.0	1,478.5
31	Grand Total (line 13 + line 29)	1,274.4	(7.3)	1,267.1	802.2	(379.8)	6.2	0.0	1,695.8

- 1 From EB-2012-0002 Payment Amounts Order, App. A, Table 1 col. (a) for previously regulated hydroelectric and Table 2 col. (a) for nuclear.
- 2 From EB-2012-0002 Payment Amounts Order, App. A, Table 1 col. (b) for regulated hydroelectric and Table 2 col. (b) for nuclear.
- From EB-2012-0002 Payment Amounts Order, App. A, Table 1 col. (c) for previously regulated hydroelectric and Table 2 col. (c) for nuclear. With the exception of balances at lines 3, 4, 7, 10, 15, 17, 21, 26 and 28, all balances were approved by the OEB in EB-2012-0002 (Payment Amounts Order, App. B, Table B-1, col. (a)).
- 4 From EB-2013-0321 Ex. L-9.1-17 SEC-132 (corrected version filed on June 4, 2014), Attachment 1, Table 1
- 5 From the EB-2012-0002 Payment Amounts Order, App. B, Table B-1, col. (c).
- Effective January 1, 2013, per the EB-2012-0002 Payments Amount Order, no interest is recorded on the balance of Nuclear Liability Deferral Account. Effective January 1, 2013, per the EB-2012-0002 and EB-2013-0321 Payment Amounts Orders, no interest is recorded on the balances of the Bruce Lease Net Revenues Variance Account and the Pension and OPEB Cost Variance Account excluding the Historic Recovery component. Line 19 includes an interest credit related to the inadvertent overstatement in the EB-2012-0002 Payment Amounts Order and related Settlement Agreement of the amount recoverable in 2013 and 2014 for the Bruce Lease Net Revenues Derivative Sub-Account, as noted in EB-2013-0321, Ex. H1-1-1, section 4.13 and OPG's letter to the OEB dated September 26, 2013 referenced therein.
- Per the EB-2012-0002 and EB-2013-0321 Payment Amounts Orders, for the period from January 1, 2013 to October 31, 2014, the account reflects a credit of \$3.9M per month to ratepayers for the benefit of lower non-asset retirement costs depreciation expense and associated income tax impacts resulting from the revision of the Pickering generation stations' service lives, as discussed in Ex. H1-1-1 section 5.14. Per these OEB orders, no interest is recorded in this account.

Filed: 2014-12-18 EB-2014-0370 Exhibit H1 Tab 1 Schedule 1 Table 1b

Table 1b

Deferral and Variance Accounts

Continuity of Account Balances - January to October 2014 (\$M)

Line		Actual Year End Balance		Current A	•		(a)+(b)+(c)+(d)+(e) Current Balance
No.	Account	2013 ¹	Transactions	Amortization ²	Interest ³	Transfers	October 31, 2014
		(a)	(b)	(c)	(d)	(e)	(f)
	Previously Regulated Hydroelectric:						
	Hydroelectric Water Conditions Variance	22.4	(1.7)	(5.7)	0.2	0.0	15.2
	Ancillary Services Net Revenue Variance - Hydroelectric	15.8	(12.1)	(11.3)	0.0	0.0	(7.6)
	Hydroelectric Incentive Mechanism Variance	(5.0)	(2.4)	0.0	(0.1)	0.0	(7.5)
	Hydroelectric Surplus Baseload Generation Variance	19.2	22.7	0.0	0.3	0.0	42.2
5	Income and Other Taxes Variance - Hydroelectric	(1.1)	(0.0)	0.8	(0.0)	0.0	(0.3)
6	Tax Loss Variance - Hydroelectric	19.7	0.0	(16.1)	0.1	0.0	3.7
	Capacity Refurbishment Variance - Hydroelectric	112.7	117.4	0.0	2.0	0.0	232.1
	Pension and OPEB Cost Variance - Hydroelectric - Historic	1.0	0.0	(0.9)	0.0	0.0	0.2
	Pension and OPEB Cost Variance - Hydroelectric - Future	11.3	0.0	(0.7)	0.0	0.0	10.6
	Pension and OPEB Cost Variance - Hydroelectric - Post 2012 Additions	18.6	16.8	N/A	0.0	0.0	35.5
	Impact for USGAAP Deferral - Hydroelectric	1.2	0.0	(0.9)	0.0	0.0	0.3
	Hydroelectric Deferral and Variance Over/Under Recovery Variance	1.3	0.6	1.3	0.0	0.0	3.2
13	Total	217.3	141.2	(33.5)	2.5	0.0	327.6
	Nuclear:						
	Nuclear Liability Deferral	254.0	82.2	(41.6)	0.0	0.0	294.6
	Nuclear Development Variance	56.5	1.2	0.0	0.7	0.0	58.5
	Ancillary Services Net Revenue Variance - Nuclear	1.9	0.3	(0.6)	0.0	0.0	1.7
17	Capacity Refurbishment Variance - Nuclear - Capital Portion	5.7	6.3	0.0	0.1	0.0	12.0
	Capacity Refurbishment Variance - Nuclear - Non-Capital Portion	8.9	(2.4)	(3.9)	0.1	0.0	2.7
	Bruce Lease Net Revenues Variance - Derivative Sub-Account	214.4	(57.5)	(22.5)	0.0	0.0	134.4
	Bruce Lease Net Revenues Variance - Non-Derivative Sub-Account - EB-2012-0002	52.3	0.0	(12.5)	0.0	0.0	39.8
21	Bruce Lease Net Revenues Variance - Non-Derivative Sub-Account - Post 2012 Additions	85.9	41.1	0.0	0.0	0.0	127.0
22	Income and Other Taxes Variance - Nuclear	(17.9)	(3.4)	10.8	(0.1)	0.0	(10.6)
23	Tax Loss Variance - Nuclear	103.8	0.0	(84.4)	0.6	0.0	20.0
24	Pension and OPEB Cost Variance - Nuclear - Historic	20.7	0.0	(17.4)	0.1	0.0	3.4
25	Pension and OPEB Cost Variance - Nuclear - Future	231.8	0.0	(14.3)	0.0	0.0	217.5
26	Pension and OPEB Cost Variance - Nuclear - post 2012 Additions	383.7	294.9	N/A	0.0	0.0	678.6
27	Impact for USGAAP Deferral - Nuclear	24.7	0.0	(20.1)	0.2	0.0	4.8
28	Pickering Life Extension Depreciation Variance⁴	9.5	(39.0)	31.3	0.0	0.0	1.7
29	Nuclear Deferral and Variance Over/Under Recovery Variance	42.6	12.1	(2.3)	0.6	0.0	53.0
30	Total	1,478.5	335.7	(177.5)	2.4	0.0	1,639.0
				, ,			
31	Grand Total (line 13 + line 29)	1,695.8	476.9	(211.0)	5.0	0.0	1,966.6

- 1 From Ex. H1-1-1, Table 1a, col. (h).
- 2 Calculated as 10/12 multiplied by EB-2012-0002 Payment Amounts Order, App. B, Table B-1, col. (d)
- 3 See Ex. H1-1-1, Table 1a, Note 6
- 4 See Ex. H1-1-1, Table 1a, Note 7

Table 1c

Deferral and Variance Accounts

Continuity of Account Balances - November and December 2014 (\$M)

Line		Current Balance October 31		Projected November 1 to Dec	-		(a)+(b)+(c)+(d)+(e) Projected Year End Balance
No.	Account	2014 ¹	Transactions	Amortization ²	Interest ^{3,4}	Transfers	2014 ⁷
		(a)	(b)	(c)	(d)	(e)	(f)
	Devoted the declaration (December and Novelle Devoted the declaration).						
1	Regulated Hydroelectric (Previously and Newly Regulated Hydroelectric): Hydroelectric Water Conditions Variance	15.2	(1.4)	(1.1)	0.0	0.0	12.7
2	Ancillary Services Net Revenue Variance - Hydroelectric	(7.6)	(0.7)	(2.3)	(0.0)	0.0	(10.6)
3	Hydroelectric Incentive Mechanism Variance	(7.5)	0.0	0.0	(0.0)	0.0	(7.5)
4	Hydroelectric Surplus Baseload Generation Variance	42.2	9.7	0.0	0.1	0.0	52.0
5	Income and Other Taxes Variance - Hydroelectric	(0.3)	0.0	0.2	(0.0)	0.0	(0.1)
6	Tax Loss Variance - Hydroelectric	3.7	0.0	(3.2)	0.0	(0.5)	0.0
7	Capacity Refurbishment Variance - Hydroelectric	232.1	0.0	0.0	0.6	0.0	232.6
8	Gross Revenue Charge Variance	0.0	0.0	0.0	0.0	0.0	0.0
	Pension and OPEB Cost Variance - Hydroelectric - Historic	0.2	0.0	(0.2)	0.0	0.0	0.0
	Pension and OPEB Cost Variance - Hydroelectric - Future	10.6	0.0	(0.1)	0.0	0.0	10.5
· · · · · · · · · · · · · · · · · · ·	Pension and OPEB Cost Variance - Hydroelectric - Post 2012 Additions	35.5	0.0	0.0	0.0	(0.0)	35.5
	Pension & OPEB Cash Versus Accrual Differential Deferral - Hydroelectric	0.0	9.2	0.0	0.0	0.0	9.2
13	Pension & OPEB Cash Payment Variance - Hydroelectric	0.0	(0.9)	0.0	(0.0)	0.0	(0.9)
14	Impact for USGAAP Deferral - Hydroelectric	0.3	0.0	(0.2)	0.0	(0.1)	0.0
15	Hydroelectric Deferral and Variance Over/Under Recovery Variance	3.2	(0.4)	0.3	0.0	0.6	3.7
16	Total	327.6	15.6	(6.7)	0.6	0.0	337.1
	Nuclear:						
17	Nuclear Liability Deferral	294.6	0.0	(8.3)	0.0	0.0	286.3
18	Nuclear Development Variance	58.5	0.4	0.0	0.2	0.0	59.0
19	Ancillary Services Net Revenue Variance - Nuclear	1.7	0.1	(0.1)	0.0	0.0	1.7
20	Capacity Refurbishment Variance - Nuclear - Capital Portion	12.0	0.9	0.0	0.1	0.0	13.1
	Capacity Refurbishment Variance - Nuclear - Non-Capital Portion	2.7	4.8	(0.8)	0.0	0.0	6.7
22	Bruce Lease Net Revenues Variance - Derivative Sub-Account	134.4	0.0	(4.5)	0.0	0.0	129.9
23	Bruce Lease Net Revenues Variance - Non-Derivative Sub-Account - EB-2012-0002	39.8	0.0	(2.5)	0.0	0.0	37.3
	Bruce Lease Net Revenues Variance - Non-Derivative Sub-Account - Post 2012 Additions	127.0	(0.3)	0.0	0.0	0.0	126.8
25	Income and Other Taxes Variance - Nuclear	(10.6)	0.0	2.2	(0.0)	0.0	(8.5)
26	Tax Loss Variance - Nuclear	20.0	0.0	(16.9)	0.1	(3.2)	0.0
27	Pension and OPER Cost Variance - Nuclear - Historic	3.4	0.0	(3.5)	0.1	(0.0)	0.0
28	Pension and OPER Cost Variance - Nuclear - Future	217.5	0.0	(2.9)	0.0	0.0	214.7
29	Pension and OPEB Cost Variance - Nuclear - Post 2012 Additions	678.6	0.0	0.0	0.0	0.0	678.6
30	Pension & OPEB Cash Versus Accrual Differential Deferral - Nuclear	0.0	62.0	0.0	0.0	0.0	62.0
	Pension & OPEB Cash Payment Variance - Nuclear	0.0	(0.7)	0.0	(0.0)	0.0	(0.8)
	Impact for USGAAP Deferral - Nuclear	4.8	0.0	(4.0)	0.0	(0.8)	0.0
	Pickering Life Extension Depreciation Variance	1.7	(0.0)		0.0	0.0	7.8
34	Nuclear Deferral and Variance Over/Under Recovery Variance	53.0	0.7	(0.5)	0.1	4.0	57.4
35	Total	1,639.0	67.8	(35.5)	0.7	0.0	1,671.9
36	Grand Total (line 16 + line 35)	1,966.6	83.4	(42.2)	1.3	0.0	2,009.0

- 1 From Ex. H1-1-1, Table 1b, col. (f).
- 2 Calculated as the value from EB-2012-0002 Payment Amounts Order, App. B, Table B-1, col. (d), multiplied by 2/12.
- 3 See Ex. H1-1-1, Table 1a, Note 6.
- 4 Per the EB-2013-0321 Payment Amounts Order, no interest is recorded on the Pension & OPEB Cash Versus Accrual Differential Deferral Account.
- In accordance with the EB-2013-0321 Payment Amounts Order, the Tax Loss Variance Account and the Impact for USGAAP Deferral Account will be terminated on December 31, 2014, with the remaining corresponding balances as of that date transferred to the Hydroelectric Deferral and Variance Over/Under Recovery Variance Account and the Nuclear Deferral and Variance Account at December 31, 2014 will be transferred to the Hydroelectric Deferral and Variance Over/Under Recovery Variance Account and the Nuclear Deferral and Variance Over/Under Recovery Variance Account.
- 6 See Ex. H1-1-1, Table 1a, Note 7.

Filed: 2014-12-18 EB-2014-0370 Exhibit H1 Tab 1 Schedule 1 Table 2

Table 2
Hydroelectric Water Conditions Variance Account
Summary of Account Transactions - 2013 and 2014

Line		Actual	Current	Projected	(b)+(c) Projected Total
No.	Particulars Particulars	2013 ¹	Jan - Oct 2014	Nov - Dec 2014	2014
		(a)	(b)	(c)	(d)
	Previously Regulated Hydroelectric:	, ,	. ,	, ,	. ,
1	Forecast Production - EB-2012-0002 / EB-2013-0321 ² (GWh)	19,831.9	15,483.6	3,282.0	18,765.6
2	Actual / Projected Calculated Production (GWh)	19,167.4	15,577.2	3,460.3	19,037.5
3	Difference (GWh) (line 1 - line 2)	664.5	(93.6)	(178.3)	(271.9)
4	Payment Amount per EB-2010-0008 / EB-2013-0321 (\$/MWh) ³	35.8	35.8	40.2	
5	Revenue Impact (\$M) (line 3 x line 4 / 1000)	23.8	(3.3)	(7.2)	(10.5)
6	GRC/Water Rental Costs (\$M)	(8.5)	1.7	2.6	4.2
7	Addition to Variance Account (\$M) (line 5 + line 6)	15.2	(1.7)	(4.6)	(6.3)
	Newly Regulated Hydroelectric:				
8	Forecast Production - EB-2013-0321 ^{2,5} (GWh)	N/A	N/A	2,056.9	2,056.9
9	Projected Calculated Production ⁵ (GWh)	N/A	N/A	1,962.3	1,962.3
10	Difference (GWh) (line 8 - line 9)			94.6	94.6
11	Payment Amount per EB-2013-0321 (\$/MWh) ⁴	N/A	N/A	41.93	
12	Revenue Impact (\$M) (line 10 x line 11 / 1000)	N/A	N/A	4.0	4.0
13	GRC/Water Rental Costs (\$M)	N/A	N/A	(8.0)	(8.0)
14	Addition to Variance Account (\$M) (line 12 + line 13)	N/A	N/A	3.2	3.2
15	Total Addition to Variance Account (\$M) (line 7 + line 14)	15.2	(1.7)	(1.4)	(3.1)

- 1 As shown in EB-2013-0321 Ex. L-9.1-17 SEC-132, Attachment 1, Table 2, col. (a).
- 2 2013 and January to October 2014 forecast production has been determined using the average monthly forecasts for 2011 and 2012 underpinning the reference amounts from EB-2010-0008 per EB-2012-0002 Payment Amounts Order, App. B, page 3. November to December 2014 forecast production is as reflected in the 2014 Board-approved production value, in accordance with the EB-2013-0321 Payment Amounts Order, App. G, p 3.
- From EB-2010-0008 Payment Amounts Order, App. B, Table 1, line 3 for 2013 and January to October 2014. From EB-2013-0321 Payment Amounts Order, App. B, Table 1, line 3 for November to December 2014.
- 4 From EB-2013-0321 Payment Amounts Order, App. C, Table 1, line 3.
- In accordance with the EB-2013-0321 Payment Amounts Order, App. G, pp. 2-3, the value represents production for the 21 newly regulated hydroelectric facilities subject to the variance account.

Table 3 Ancillary Services Net Revenue Variance Account Summary of Account Transactions - 2013 and 2014 (\$M)

Line No.	Particulars	Actual 2013 ¹	Current Jan - Oct 2014	Projected Nov - Dec 2014	(b)+(c) Projected Total 2014
		(a)	(b)	(c)	(d)
	Previously Regulated Hydroelectric:				
1	Forecast Revenue - EB-2012-0002 / EB-2013-0321 ²	38.9	32.4	5.4	37.8
2	Actual / Projected Revenue	37.1	44.5	6.3	50.8
3	Addition to Variance Account (line 1 - line 2)	1.8	(12.1)	(0.8)	(12.9)
	Newly Regulated Hydroelectric:				
4	Forecast Revenue - EB-2013-0321 ³	N/A	N/A	3.8	3.8
5	Projected Revenue	N/A	N/A	4.4	4.4
6	Addition to Variance Account Before Adjustment (line 4 - line 5)	N/A	N/A	(0.6)	(0.6)
7	Less: EB-2013-0321 Impact Statement (Ex. N1) Adjustment ⁴	N/A	N/A	(0.8)	(0.8)
8	Addition to Variance Account (line 6 - line 7)	N/A	N/A	0.2	0.2
9	Hydroelectric Addition to Variance Account (line 3 + line 8)	N/A	N/A	(0.7)	(12.8)
	Nuclear:				
10	Forecast Revenue - EB-2012-0002 / EB-2013-0321 ⁵	3.0	2.5	0.3	2.8
11	Actual / Projected Revenue	1.7	2.1	0.3	2.4
12	Addition to Variance Account Before Adjustment (line 10 - line 11)	1.2	0.3	0.0	0.3
13	Less: EB-2013-0321 Impact Statement (Ex. N1) Adjustment ⁴	N/A	N/A	(0.1)	(0.1)
14	Nuclear Addition to Variance Account (line 12 - line 13)	1.2	0.3	0.1	0.4

- 1 As shown in EB-2013-0321 Ex. L-9.1-17 SEC-132, Attachment 1, Table 3.
- 2 2013 value is \$3.24M/month x 12 months per EB-2012-0002 Payment Amounts Order, App. B, page 4. January to October 2014 value is \$3.24M/month x 10 months per EB-2012-0002 Payment Amounts Order, App. B, page 4. November to December 2014: \$2.71M/month x 2 months per EB-2013-0321 Payment Amounts Order, App. G, page 4.
- 3 Calculated as \$1.91M/month x 2 months per EB-2013-0321 Payment Amounts Order, App. G, page 4.
- The adjustments are per the EB-2013-0321 Payment Amounts Order (App. G, p. 4) requirement that amounts recorded in the account do not include those that OPG indicated it is not seeking to recover from, or refund to, ratepayers as part of the differences between the revenue requirement in its EB-2013-0321 pre-filed evidence and the information based on OPG's 2014-2016 Business Plan, which was provided in the EB-2013-0321 Impact Statement at Ex. N1. The total of the adjustments represent a 2-month portion of the \$8M test period increase (EB-2013-0321 Ex. N1-1-1, Chart 1) in forecast newly regulated hydroelectric and nuclear ancillary services net revenues between OPG's EB-2013-0321 pre-filed evidence and its 2014-2016 Business Plan. This difference was not included in the updated revenue requirement in the Ex. N1 impact statement. The monthly adjustment amount for newly regulated hydroelectric and nuclear is calculated below. No adjustment is necessary for the previously regulated hydroelectric ancillary services net revenue since, as discussed in section 2.4 of EB-2013-0321 Ex. N1-1-1, the revenue requirement was updated for the 2014-2016 Business Plan values.

Table	to Note 4 - Monthly EB-2013-0321 (Ex. N1) Impact Statement Adjustments (\$M)			
Line				
No.	Particulars	2014#	2015	Total
		(a)	(b)	(c)
	Newly Regulated Hydroelectric:			
1a	Forecast Revenue - EB-2013-0321 OPG's Pre-filed Evidence##	11.3	23.1	34.4
2a	Forecast Revenue - OPG's 2014-2016 Business Plan	13.6	27.8	41.4
3a	Difference (line 1a - line 2a)	(2.3)	(4.7)	(7.0)
4a	Monthly EB-2013-0321 Impact Statement (Ex. N1) Adjustment (line 3a / 18 months)			(0.4)
	Nuclear:			
5a	Forecast Revenue - EB-2013-0321 Pre-filed Evidence ⁺	1.9	1.9	3.8
6a	Forecast Revenue - 2014-2016 Business Plan	2.4	2.5	4.9
7a	Difference (line 4a - line 5a)	(0.55)	(0.56)	(1.11)
8a	Monthly EB-2013-0321 Impact Statement (Ex. N1) Adjustment (line 7a / 24 months)			(0.05)

- # Newly regulated hydroelectric values are for the 6-month period from July 1, 2014 to December 31, 2014.
- ## From EB-2013-0321 Ex. G1-1-1 Table 1, line 6: 2014 value is col. (e) multiplied by 6/12, and 2015 value is from col. (f).
- + From EB-2013-0321 Ex. G2-1-1 Table 1, line 8, cols. (e) and (f).
- 2013 value is \$0.25M/month x 12 months per EB-2012-0002 Payment Amounts Order, App. B, page 10.

 January to October 2014 value is \$0.25M/month x 10 months per EB-2012-0002 Payment Amounts Order, App. B, page 10.

 November to December 2014 value is \$0.14M/month x 2 months per EB-2013-0321 Payment Amounts Order, App. G, page 10.

Filed: 2014-12-18 EB-2014-0370 Exhibit H1 Tab 1 Schedule 1 Table 4

Table 4
Hydroelectric Incentive Mechanism Variance Account
Summary of Account Transactions - 2014 (\$M)

Line No.	Particulars	Current Jan - Oct 2014	Projected Nov - Dec 2014	(a)+(b) Projected Total 2014
		(a)	(b)	(c)
1	Actual / Projected Previously Regulated Hydroelectric Incentive Mechanism Net Revenue	15.7	2.8	18.6
2	Projected Newly Regulated Hydroelectric Incentive Mechanism Net Revenue	N/A	2.7	2.7
3	Total Actual / Projected Regulated Hydroelectric Incentive Mechanism Revenue	15.7	5.6	21.3
4	Threshold per EB-2012-0002 / EB-2013-0321 ¹	10.8	8.5	19.3
5	Actual / Projected Hydroelectric Incentive Mechanism Net Revenue In Excess of Threshold (line 3 - line 4; nil if line 3 < line 4)	4.9	0.0	4.9
	2	=00/		
6	Percentage ²	50%	50%	50%
7	Addition to Variance Account (line 5 x line 6)	(2.4)	0.0	(2.4)

- January to October 2014 threshold from EB-2012-0002 Payment Amounts Order, App. B, page 8, multiplied by 10/12. November to December 2014 threshold from EB-2013-0321 Payment Amounts Order, App. G, page 7.
- January to October 2014 percentage from EB-2012-0002 Payment Amounts Order, App. B, page 8.
 November to December 2014 percentage from EB-2013-0321 Payment Amounts Order, App. G, page 7.

Filed: 2014-12-18 EB-2014-0370 Exhibit H1 Tab 1 Schedule 1 Table 5

Table 5
Hydroelectric Surplus Baseload Generation Variance Account
Summary of Account Transactions - 2014

Line No.	Particulars	Current Jan - Oct 2014	Projected Nov - Dec 2014	(a)+(b) Projected Total 2014
		(a)	(b)	(c)
	Previously Regulated Hydroelectric:			
1	Actual / Projected Foregone Production Due to SBG Conditions (GWh) ¹	1,060.9	169.3	1,230.3
2	Payment Amount per EB-2010-0008 / EB-2013-0321 (\$/MWh) ²	35.78	40.20	
3	Revenue (\$M) (line 1 x line 2 / 1000)	38.0	6.8	44.8
4	GRC/Water Rental Costs (\$M)	(15.3)	(2.4)	(17.7)
5	Addition to Variance Account (\$M) (line 3 + line 4)	22.7	4.4	27.1
	Newly Regulated Hydroelectric:			
6	Projected Foregone Production Due to SBG Conditions (GWh)	N/A	175.4	175.4
7	Payment Amount per EB-2013-0321 (\$/MWh) ³	N/A	41.93	
8	Revenue (\$M) (line 6 x line 7 / 1000)	N/A	7.4	7.4
9	GRC/Water Rental Costs (\$M)	N/A	(2.0)	(2.0)
10	Addition to Variance Account (\$M) (line 8 + line 9)		5.4	5.4
11	Total Addition to Variance Account (\$M) (line 5 + line 10)	N/A	9.7	32.4

- Includes an upward adjustment of 29.7 GWh to the 2013 estimated foregone production reflected in the EB-2013-0321 Board-approved account balance, reflecting a refinement to OPG's spill reporting methodology in 2014 based on an accumulation of data since the new Niagara Tunnel was placed in service in March 2013.
- From EB-2010-0008 Payment Amounts Order, App. B, Table 1 for 2013 and January to October 2014. From EB-2013-0321 Payment Amounts Order, App. B, Table 1, line 3 for November to December 2014.
- 3 From EB-2013-0321 Payment Amounts Order, App. C, Table 1, line 3.

Table 6 Income and Other Taxes Variance Account Summary of Account Transactions - 2013 and 2014 (\$M)

			Actual 2013 ¹			Current Activity Jan to Oct 2014			
Line		Neces	Previously Regulated	Nation	T.//.1	Previously Regulated			
No.	Particulars Particulars	Note	-	Nuclear	Total	Hydroelectric	Nuclear	Total	
			(a)	(b)	(c)	(d)	(e)	(f)	
	Entry (i): Increase of Scientific Research and Experimental Development ("SR&ED") Investment								
	Tax Credits (ITCs) Recognition Percentage from 50% to 75%								
1	Forecast SR&ED ITCs, net of Tax on ITCs, at 50%	2	(0.1)	(6.5)	(6.6)	(0.1)	(6.5)	(6.6)	
2	Forecast SR&ED ITCs, net of Tax on ITCs, at 75% (line 1 x 3/2)	······	(0.1)	(9.8)	(9.9)	(0.1)	(9.8)	(9.9)	
	Addition to Variance Account - SR&ED ITCs Recognition Percentage Increase		,	`		,	` ′		
3	(cols. (a) to (c): line 2 - line 1; cols. (d) to (f): (line 2 - line 1) x 10/12)		(0.0)	(3.3)	(3.3)	(0.0)	(2.7)	(2.7)	
	Entry (ii): Reduction in Contractor Payments Qualifying for SR&ED ITCs from 100% to 80%								
4	Annual Qualifying Contractor Payments Reflected in Forecast SR&ED ITCs		0.6	57.4	58.0	0.6	57.4	58.0	
5	20% Portion Not Eligible for SR&ED ITCs (line 4 x 20%)		0.1	11.5	11.6	0.1	11.5	11.6	
6	Investment Tax Credit Rate		0.2	0.2	0.2	0.2	0.2	0.2	
7	Reduction in SR&ED ITCs (cols (a) to (c): line 5 x line 6; cols (d) to (f): line 5 x line 6 x 10/12)		0.0	2.3	2.3	0.0	1.4	1.5	
8	Tax on 2013 Reduction in SR&ED ITCs		0.0	0.0	0.0	0.0	0.4	0.4	
9	Addition to Variance Account - Reduction in Contractor Payments Qualifying for SR&ED ITCs ((line 7 - line 8) x 75% SR&ED ITC recognition percentage)		0.0	1.7	1.7	0.0	0.8	0.8	
	(line 7 - line 0) x 75% Crace 110 recognition percentage)		***************************************						
	Entry (iii): Income Tax Variance Due to Nuclear Waste Management Capital Expenditures								
	<u>Adjustment</u>								
10	Non-Deductible Portion of Cash Expenditures for Nuclear Waste & Decommissioning		0.0	2.9	2.9	0.0	2.9	2.9	
11	Additional Capital Cost Allowance		0.0	3.7	3.7	0.0	3.0	3.0	
12	Impact on Taxable Income (line 10 - line 11)		0.0	(8.0)	(8.0)	0.0	(0.1)	(0.1)	
13	Income Tax Rate	3	0.3	0.3	0.3	0.3	0.3	0.3	
14	Addition to Variance Account - Nuclear Waste Management Capital Expenditures Adjustment		0.0	(0.2)	(0.2)	0.0	(0.0)	(0.0)	
	(line 12 x line 13)	<u>.</u>			(- /		(/	(/	
	5-4								
	Entry (iv): Increase of SR&ED ITCs Recognition Percentage from 75% to 100% in 2013 for April 1, 2008 to December 31, 2008 and in 2014 for 2009 year	4							
15	Actual SR&ED ITCs, net of Tax on ITCs, at 75%	5	(0.1)	(8.5)	(8.6)	(0.1)	(12.7)	(12.8)	
16	Actual SR&ED ITCs, net of Tax on ITCs, at 100% (line 15 x 4/3)		(0.1)	(11.3)	(11.4)	(0.1)	(16.9)	(17.0)	
	Addition to Variance Account - SR&ED ITCs Recognition Percentage Increase for 2008 / 2009 (line								
17	16 - line 15)		(0.0)	(2.8)	(2.9)	(0.0)	(4.2)	(4.3)	
	Entry (v): ITC Rate Reduction from 20% to 15% Effective in 2014								
18	Forecast SR&ED ITCs Based on 20% ITC Rate, at 75%	6	0.0	0.0	0.0	0.1	13.1	13.2	
19	Forecast SR&ED ITCs Based on 15% ITC Rate, at 75% (line 18 x 3/4)		0.0	0.0	0.0	0.1	9.8	9.9	
20	Addition to Variance Account - ITC Rate Reduction Effective in 2014 ((line 18 - line 19) x 10/12)		0.0	0.0	0.0	0.0	2.7	2.8	
21	Total Addition to Variance Account (line 3 + line 9 + line 14 + line 17 + line 20)		(0.1)	(4.5)	(4.6)	(0.0)	(3.4)	(3.5)	

- 1 As shown in EB-2013-0321 Ex. L-9.1-17 SEC-132, Attachment 1, Table 6.
- 2 Annualized forecasts for 2013 and 2014 have been determined based on amounts reflected in the payment amounts approved in EB-2010-0008 using the methodology from the EB-2012-0002 Payment Amounts Order, and are calculated as shown in EB-2012-0002 Ex. H1-1-2 Table 6, Note 2.
- 3 2013 tax rate from EB-2013-0321 Ex. L-1.0-1 Staff-002, Attachment 1, Table 29, line 29. 2014 tax rate from EB-2013-0321 Payment Amounts Order, App. A, Table 7, line 31.
- 4 Entry (iv) was recorded in 2013 following the resolution during 2013 of the 2008 taxation year audit, and in 2014 following the resolution during 2014 of the 2009 taxation year audit. An additional entry of less than \$0.1M/year is recorded in 2013 and 2014 relating to SR&ED qualifying capital expenditures.
- Represents SR&ED ITCs, net of tax on ITCs, for the period from April 1, 2008 to December 31, 2008 and for full year 2009 previously credited to ratepayers at 75% through the December 31, 2010 and December 31, 2012 approved balances of the Income and Other Taxes Variance Account. The amount in col. (c) can be calculated as: 3/2 x (EB-2010-0008 Ex. H1-1-1, Table 13, col. (a), line 2 + line 4).
- The annualized forecast for 2014 is calculated from EB-2010-0008 Ex. F4-4-1 as follows: Table 2, line 5 col. (e) multiplied by 3/2 for previously regulated hydroelectric, and Table 3, line 6, col. (e) multiplied by 3/2 for nuclear.

Exhibit H1
Tab 1
Schedule 1

Table 7

Table 7 Capacity Refurbishment Variance Account - Hydroelectric Summary of Account Transactions - 2014 (\$M)

			Current	Projected	(a)+(b)
Line			Jan - Oct	Nov - Dec	Projected
No.	Particulars Particulars	Note	2014	2014	Total
			(a)	(b)	(c)
	Previously Regulated Hydroelectric:				
1	Niagara Tunnel Net Plant Amount Not Reflected in EB-2010-0008 Rate Base	1	1,345.8		
2	Weighted Average Cost of Capital - EB-2010-0008	2	7.40%		
3	Niagara Tunnel Project - Cost of Capital (line 1 x line 2 x 10/12)		83.0		83.0
4	Niagara Tunnel Project - Depreciation	3	12.2		12.2
5	Difference Between Forecast and Actual / Projected Capital Cost Allowance Deduction	4	(0.7)		(0.7)
	Increase in Regulatory Taxable Income	5	61.8		61.8
7	Niagara Tunnel Project - Income Tax Impact (line 6 x 25 % / (1 - 25%))		20.6		20.6
8	Niagara Tunnel Project - Total Capital Addition (line 3 + line 4 + line 7)		115.8		115.8
	Capital Additions for Other Projects:				
9	Sir Adam Beck I GS Unit G7 Frequency Conversion		0.4	0.0	0.4
10	Sir Adam Beck I GS Unit G3 Upgrade		1.2	0.0	1.2
11	Sir Adam Beck I GS Unit G10 Upgrade		0.0	(0.1)	(0.1)
12	Addition to Variance Account for Other Projects Before Adjustment (lines 9 through 11)	6	1.6	(0.1)	1.5
13	Less: EB-2013-0321 Impact Statement (Ex. N1) Adjustment	7	N/A	(0.1)	(0.1)
14	Addition to Variance Account for Other Projects (line 12 - line 13)		1.6	0.0	1.6
15	Total Addition to Variance Account - Previously Regulated Hydroelectric (line 8 + line 14)		117.4	0.0	117.4

- 1 Represents the 2014 Niagara Tunnel project net plant rate base value reflected in the EB-2013-0321 Board-approved revenue requirement. The value is calculated as follows: Board-approved in-service amount for the new Niagara Tunnel of \$1,364.6M (EB-2013-0321 Payment Amounts Order, App. A, Table 1a, Note 2) less the resulting 2014 accumulated depreciation rate base amount of \$18.8M.
- 2 From EB-2010-0008 Payment Amounts Order, App. A, Table 5b, col. (c), line 6.
- Represents 10/12 of the 2014 annual depreciation expense of \$14.4M, which can be calculated as: \$14.7M (EB-2013-0321 Payment Amounts Order, Appendix A, Table 1a, Note 2) less \$0.3M for pre-2013 in-service amount (EB-2013-0321 Ex. L-9.1-17 SEC-131, Chart 1, col. (a)).
- Amount is calculated as the difference between forecast CCA deduction of \$36.1M and actual/projected 2014 CCA deduction of \$36.9M related to the Niagara Tunnel Project, multiplied by 10/12. The forecast amount is the average of 2011 and 2012 CCA amounts underpinning the OEB-approved forecast income tax expense in EB-2010-0008, and can be found in EB-2013-0321 Ex. L-9.1-17 SEC-132, Attachment 1, Table 7, Note 4, line 1a, col. (h).
- The increase in regulatory taxable income is calculated as the sum of lines 4 and 5, plus the return on equity ("ROE") component of the cost of capital addition at line 3. The 2014 ROE component is calculated as: net plant amount at line 1, multiplied by the EB-2010-0008 OEB-approved equity portion (47%) of the capital structure, multiplied by the OEB-approved ROE rate of 9.55% (from EB-2010-0008 Payment Amounts Order, App A, Table 5b, col. (b), line 5), multiplied by 10/12.
- 6 Additions to the account for January to October 2014 also include an entry of less than \$0.1M related to the Sir Adam Beck G9 Upgrade project.
- 7 The adjustments are per the EB-2013-0321 Payment Amounts Order App. G., p. 10 requirements which are the same as those described in Ex. H1-1-1 Table 3, Note 4 and Ex. H1-1-1 Table 13, Note 6.

Numbers may not add due to rounding. Filed: 2014-12-18

EB-2014-0370 Exhibit H1 Tab 1 Schedule 1 Table 8

Table 8
Pension and OPEB Cost Variance Account
Summary of Account Transactions - 2013 and 2014¹ (\$M)

				Actual 2013 ²		Current Activity Jan to Oct 2014			
Line			Previously Regulated			Previously Regulated			
No.	Particulars	Note	Hydroelectric	Nuclear	Total	Hydroelectric	Nuclear	Total	
·			(a)	(b)	(c)	(d)	(e)	(f)	
1	Forecast Accrual Pension Costs - EB-2012-0002	3	7.0	138.4	145.4	5.8	115.3	121.1	
2	Forecast Accrual OPEB Costs - EB-2012-0002	3	8.2	163.0	171.2	6.8	135.8	142.6	
3	Total Forecast Accrual Pension and OPEB Costs (line 1 + line 2)		15.1	301.4	316.5	12.6	251.2	263.8	
4	Actual Accrual Pension Costs	4	18.0	365.3	383.3	18.4	341.4	359.8	
5	Actual Accrual OPEB Costs	4	11.5	233.7	245.2	8.0	149.4	157.4	
6	Total Actual Accrual Pension and OPEB Costs (line 4 + line 5)		29.5	599.0	628.5	26.4	490.8	517.2	
7	Addition to Variance Account - Pension Costs (line 4 - line 1)		11.0	226.9	237.9	12.6	226.1	238.6	
8	Addition to Variance Account - OPEB Costs (line 5 - line 2)		3.4	70.7	74.0	1.2	13.5	14.8	
9	Addition to Variance Account - Income Tax Impact	5	4.3	86.1	90.4	3.0	55.3	58.3	
10	Total Addition to Variance Account (line 7 + line 8 + line 9)		18.6	383.7	402.3	16.8	294.9	311.7	

- 1 All cost amounts are presented on a CGAAP basis, as per the EB-2012-0002 Payment Amounts Order, App. B.
- 2 As shown in EB-2013-0321 Ex. L-9.1-17 SEC-132, Attachment 1, Table 8.
- Forecasts have been determined based on amounts reflected in the payment amounts approved in EB-2010-0008, and are the same as those used to derive the OEB-approved 2012 additions to the variance account (shown in EB-2012-0002 Ex. H1-1-2, Table 5, line 1 (pension) and line 2 (OPEB), cols (d)-(f)). Total forecast costs for the regulated operations are as per EB-2012-0002 Payment Amounts Order, App. B, p. 6, determined as \$26.38M/month x 12 for 2013 and \$26.38/month x 10 for January to October 2014.
- 4 Amounts represent the regulated portion (excluding newly regulated hydroelectric) of OPG's 2013 and January to October 2014 total actual pension and OPEB costs on a CGAAP basis.
- 5 From Ex. H1-1-1 Table 8a, line 8.

EB-2014-0370 Exhibit H1 Tab 1 Schedule 1 Table 8a

Table 8a Pension and OPEB Cost Variance Account Calculation of Income Tax Impact - 2013 and 2014 (\$M)

		Actual 2013					January 1 to October 31, 2014		
			Previously			Previously			
Line			Regulated			Regulated			
No.	Particulars Particulars	Note	Hydroelectric	Nuclear	Total	Hydroelectric	Nuclear	Total	
			(a)	(b)	(c)	(d)	(e)	(f)	
1	Forecast Regulatory Income Tax Impact	2	0.5	10.3	10.8	0.4	8.6	9.0	
	Actual Additions to / Deductions from Regulatory Earnings Before Tax								
2	Accrual Pension Costs	3	18.0	365.3	383.3	18.4	341.4	359.8	
3	Accrual OPEB Costs	4	11.5	233.7	245.2	8.0	149.4	157.4	
4	Less: Pension Plan Contributions	5	11.4	231.6	242.9	12.5	233.1	245.7	
5	Less: OPEB Payments	5	3.8	78.1	81.9	3.6	66.0	69.6	
6	Net Additions to Regulatory Earnings Before Tax		14.2	289.4	303.6	10.3	191.6	201.9	
7	Actual Regulatory Income Tax Impact (line 6 x 25% / (1 - 25%))		4.7	96.5	101.2	3.4	63.9	67.3	
8	Addition to Variance Account - Regulatory Income Tax Impact (line 7 - line 1)		4.3	86.1	90.4	3.0	55.3	58.3	

- 1 As shown in EB-2013-0321 Ex. L-9.1-17 SEC-132, Attachment 1, Table 8a.
- Forecasts have been determined based on amounts reflected in the payment amounts approved in EB-2010-0008, and for 2013, are the same amounts used to derive the OEB-approved 2012 additions (shown in EB-2012-0002 Ex. H1-1-2, Table 5a, line 1, cols. (d)-(f)). For January to October 2014, the EB-2012-0002 annual forecasts are pro-rated by 10/12.
- 3 From Ex. H1-1-1 Table 8, line 4.
- 4 From Ex. H1-1-1 Table 8, line 5.
- Represents the regulated portion (excluding newly regulated hydroelectric) of OPG's 2013 and January to October 2014 total actual pension and OPEB cash amounts. 2013 amounts in col. (c) are as shown in EB-2013-0321 Ex. L-1.0-1 Staff-002, Attachment 1, Table 29, lines 15 and 16. 2013 amounts at line 4 are also found in EB-2013-0321 Ex. L-6.8-1 Staff-114.

Numbers may not add due to rounding. Filed: 2014-12-18

EB-2014-0370 Exhibit H1 Tab 1 Schedule 1 Table 9

Table 9
Hydroelectric Deferral and Variance Over/Under Recovery Variance Account
Summary of Account Transactions - 2013 and 2014

Line No.	Particulars	Note	Actual 2013 ¹	Current Jan - Oct 2014	Projected Nov - Dec	(b)+(c) Projected 2014
			(a)	(b)	(c)	(d)
1	Hydroelectric Rider 2013-A / 2014-A (\$/MWh)	2	3.04	2.02	2.02	
2	Hydroelectric Rider 2013-B (\$/MWh)	3	0.58			
3	Mar 2013 - Dec 2014 Hydroelectric Production Forecast Used to Set Rider 2013-A and Rider 2014-A (TWh)	4	16.7	16.5	3.3	19.9
4	Mar 2013 - Dec 2014 Actual / Projected Hydroelectric Production (TWh)		15.9	16.2	3.5	19.7
5	Actual / Projected Production Variance for Mar 2013 - Dec 2014 (TWh) (line 3 - line 4)		0.8	0.3	(0.2)	0.1
6	Addition to Variance Account (\$M) (line 5 x (line 1 + line 2))		2.9	0.6	(0.4)	0.2

- 1 As shown in EB-2013-0321 Ex. L-9.1-17 SEC-132, Attachment 1, Table 9, col. (a).
- 2 From EB-2012-0002 Payment Amounts Order, App. A, Table 1, line 13, col. (g) for 2013 and col. (h) for 2014.
- 3 Interim period shortfall rider in effect for 2013 from EB-2012-0002 Payment Amounts Order, App. A, Table 3, col. (a), line 7.
- Value for 2013 is calculated from the EB-2012-0002 Payment Amounts Order, App. A, Table 3, col. (a): line 6 minus line 5.

 Annual value for 2014 is from EB-2012-0002 Payment Amounts Order, App. A, Table 1, col. (g), line 12. Values for January to October 2014 and November to December 2014 are averages of the corresponding monthly forecasts found at EB-2012-0002 Ex. L-2-1 Staff-16, Attachment 1, Table 2, lines 1 and 3.

Schedule 1 Table 10

Table 10 Nuclear Liability Deferral Account Summary of Account Transactions - 2013 and 2014 (\$M)

Line No.	Particulars Particulars Particulars Particulars	Note	Actual 2013 ¹	Current Jan - Oct 2014
			(a)	(b)
	Revenue Requirement Impact of Current Approved ONFA Reference Plan Effective January 1, 2012:			
	Depreciation Expense (col. (a) from Table to Note 2, line 13a, col. (d); col. (b) = col. (a) x 10/12)	2	51.7	43.1
	Return on Rate Base			
2	Average Asset Retirement Costs	3	38.3	(13.4
3	Weighted Average Accretion Rate	4	5.37%	5.37%
4	Return on Rate Base (col. (a) = line 2 x line 3; col. (b) = line 2 x line 3 x 10/12)		2.1	(0.6)
	Variable Expenses	5		
5	Used Fuel Storage and Disposal Variable Expenses		26.1	23.8
6	Low & Intermediate Level Waste Management Variable Expenses		1.0	1.0
7	Total Variable Expenses (line 5 + line 6)		27.1	24.8
	Income Tax Impact			
8	Forecast Contributions to Nuclear Segregated Funds	6	142.7	118.9
9	Contributions to Nuclear Segregated Funds based on the Current Approved ONFA Reference Plan	7	98.1	141.6
10	Decrease (Increase) in Contributions to Nuclear Segregated Funds (line 8 - line 9)		44.6	(22.7)
11	Net Increase in Regulatory Taxable Income (line 1 + line 4 + line 7 + line 10)		125.5	44.6
12	Income Tax Rate		25.00%	25.00%
13	Income Tax Impact (line 11 x line 12 / (1 - line 12))		41.8	14.9
14	Addition to Deferral Account (line 1 + line 4 + line 7 + line 13)		122.7	82.2

- 1 As shown in EB-2013-0321 Ex. L-9.1-17 SEC-132, Attachment 1, Table 10, col. (a).
- 2 The depreciation expense component of the addition to the deferral account is calculated as follows:

2	The depreciation expense component of the addition to the deferral account is calculated as follows:				
Table	to Note 2 - Depreciation Expense (\$M)				
		Pickering	Pickering		
Line		Units 1 & 4	Units 5-8		
No.		(formerly Pickering A)	(formerly Pickering B)	Darlington	Total
		(a)	(b)	(c)	(d)
	Incremental ARC - Depreciation Impact of Adjustments at December 31, 2011 and 2012:				
1a	Asset Retirement Cost ("ARC") Adjustment at December 31, 2011 #	368.4	175.9	(105.1)	439.2
2a	Remaining Useful Life as at December 31, 2011(months) +	120.0	33.0	480.0	
3a	2012 Annual Depreciation (line 1a / line 2a x 12 for cols. (a) through (c))	36.8	64.0	(2.6)	98.2
4a	ARC Adjustment at December 31, 2012 ##	(178.5)	133.3	(231.7)	(276.9)
5a	Net ARC Adjustment Balance at December 31, 2012 (line 1a - line 3a + line 4a)	153.1	245.2	(334.2)	64.1
6a	Remaining Useful Life as at December 31, 2012 (months) ++	96.0	88.0	468.0	
7a	Annual Depreciation Beginning in 2013 (line 5a / line 6a x 12 for cols. (a) through (c))	19.1	33.4	(8.6)	44.0
	Base ARC (Excluding Incremental ARC Above) Depreciation Impact of Pickering Service Life Changes:				
8a	ARC at December 31, 2011 Excluding December 31, 2011 Adjustment *	17.3	(27.0)	1,485.0	1,475.4
9a	2012 Annual Depreciation (line 8a / line 2a x 12 for cols. (a) through (c))	1.7	(9.8)	37.1	29.0
10a	ARC at December 31, 2012 Excluding Dec. 31, 2011 and 2012 Adjustments (line 8a - line 9a)	15.6	(17.2)	1,447.9	1,446.3
11a	2013 Annual Depreciation (line 10a / line 6a x 12 for cols. (a) through (c))	1.9	(2.3)	37.1	36.7
12a	Annual Depreciation Impact Beginning in 2013 (line 11a - line 9a)	0.2	7.5	0.0	7.7
13a	Total Annual Depreciation Expense Impact Beginng in 2013 (line 7a + line 12a)	19.4	40.9	(8.6)	51.7

- # From EB-2013-0321, Ex. C2-1-1 Table 4, line 7 and EB-2012-0002 Ex. H1-1-2, Table 9, note 2, line 1a.
- + Represents remaining estimated average service life, for accounting purposes, of the nuclear stations as at December 31, 2011, as per EB-2012-0002, Ex. H1-1-2, Table 9, Note 2, line 2a.
- ## From EB-2013-0321 Ex. C2-1-1, Table 4, line 14.
- ++ Represents-remaining estimated average service life, for accounting purposes, of the nuclear stations as at December 31, 2012, as per EB-2013-0321 Ex. F4-1-1, page 3.
- * Amount in col. (d) from EB-2013-0321 Ex. C2-1-1, Table 2, col. (b), line 28.
- 3 2013 value is calculated as follows from Note 2, col. (d): (line 5a + (line 5a line 13a))/2. 2014 value is calculated as 2013 value less Note 2, line 13a, col. (d).
- 4 Per EB-2012-0002 Payment Amounts Order, App. B, p. 9.
- Annual values calculated as the difference between: (A) the product of (i) 2013/2014 unit cost rates for each of the Used Fuel Storage and Disposal Programs and the Low and Intermediate Level Waste ("L&ILW") Storage and Disposal Programs arising from the current approved ONFA Reference Plan, and (ii) average number of forecast fuel bundles and L&ILW volumes reflected in the EB-2010-0008 payment amounts, and (B) the average of 2011 and 2012 forecast variable expenses reflected in the EB-2010-0008 payment amounts. For January to October 2014, the annual forecast value is pro-rated by 10/12.
- Annual values calculated as the average of 2011 and 2012 contributions from EB-2010-0008 Payment Amounts Order, App. A: Table 6, line 16, col. (c) for 2011 and Table 7, line 16, col. (c) for 2012. For January to October 2014, the annual forecast value is pro-rated by 10/12.
- 7 2013 value is as shown in EB-2013-0321 Ex. L-1.0-1 Staff-002, Attachment 1, Table 7, col. (a), line 16.

Filed: 2014-12-18 EB-2014-0370 Exhibit H1 Tab 1 Schedule 1 Table 11

Table 11

Nuclear Development Variance Account

Summary of Account Transactions - 2014¹ (\$M)

Line No.	Particulars	Current Jan - Oct 2014	Projected Nov - Dec 2014	(a)+(b) Projected Total 2014
		(a)	(b)	(c)
1	Forecast Costs - EB-2010-0008 / EB-2012-0002 / EB-2013-0321	0.0	0.0	0.0
2	Actual Costs	1.2	0.4	1.6
3	Addition to Variance Account (line 2 - line 1)	1.2	0.4	1.6

Notes:

The 2013 forecast is nil as per EB-2012-0002 Payment Amounts Order, App. B, p. 9, as no Darlington New Nuclear costs were reflected in the EB-2010-0008 approved revenue requirement. Similarly, the 2014 forecast is nil as per the EB-2013-0321 Payment Amounts Order, App. G, p. 9, as no such costs were reflected in the EB-2013-0321 approved revenue requirement.

Table 12
Capacity Refurbishment Variance Account - Nuclear
Summary of Account Transactions - 2013 and 2014 (\$M)

Line No.	Particulars	Note	Actual 2013 ¹	Current Jan-Oct 2014	Projected Nov-Dec 2014	(b)+(c) Projected Total 2014
			(a)	(b)	(c)	(d)
	Non Conital Addition to Variance Accounts					
	Non-Capital Addition to Variance Account:					
	Forecast Non-Capital Costs - EB-2012-0002 / EB-2013-0321:		F 0	4.2		
2	Darlington Refurbishment	2,3	5.2 5.9	4.3 4.9	2.1	6.4
2	Fuel Channel Life Cycle Management Project	2,3	42.0		3.1	5.5
3	Pickering Continued Operations	2,3		35.0		38.1
4 5	Fuel Channel Life Extension Project Total	2,3	0.0 53.1	0.0 44.2	0.0 5.8	0.0 50.0
5	Total		53.1	44.2	3.0	50.0
	Actual / Projected Non-Capital Costs:					
6	Darlington Refurbishment		6.3	5.6	3.5	9.1
7	Fuel Channel Life Cycle Management Project		9.2	7.8	1.0	8.8
8	Pickering Continued Operations		41.5	25.4	6.6	32.0
9	Fuel Channel Life Extension Project		0.0	3.0	2.2	5.2
10	Total		57.0	41.8	13.2	55.1
Ī						
<u> </u>	Non-Capital Addition to Variance Account:					
11	Darlington Refurbishment - Non-Capital Costs (line 6 - line 1)		1.1	1.3	1.4	2.7
12	Fuel Channel Life Cycle Management Project - Non-Capital Costs (line 7 - line 2)		3.3	2.9	0.4	3.3
13	Pickering Continued Operations - Non-Capital Costs (line 8 - line 3)		(0.5)	(9.6)	3.5	(6.1)
14	Fuel Channel Life Extension Project (line 9 - line 4)		0.0	3.0	2.2	5.2
15	Non-Capital Addition to Variance Account Before Adjustment (lines 11 through 14)		4.0	(2.4)	7.5	5.1
16	Less: EB-2013-0321 Impact Statement (Ex. N1) Adjustment	4	N/A	N/A	2.7	2.7
17	Total Non-Capital Addition to Variance Account - Nuclear (line 15 - line 16)	_	4.0	(2.4)	4.8	2.4
- '	Total Non-Capital Addition to Variance Account - Nuclear (line 15 - line 10)		4.0	(2.7)	4.0	۷.٦
	Capital Addition to Variance Account - Darlington Refurbishment:					
18	Forecast Cost of Capital Amount (col. (c): from Note 5, line 3b, col. (c) x 2/12)	5		0.0	1.8	1.8
19	Projected 2014 Net Plant Rate Base Amount	6		126.3	126.3	
	Weighted Average Cost of Capital	7		7.40%	6.86%	
	Projected Cost of Capital Amount					
21	(col. (b): line 19 x line 20 x 10/12; col. (c): line 19 x line 20 x 2/12)			7.8	1.4	9.2
22	Cost of Capital Variance (line 21 - line 18)		_	7.8	(0.4)	7.4
	Cook of Capital Variation (IIII 21 IIII 10)			7.0	(0.1)	7.1
23	Forecast Depreciation (col. (c): from Note 5, line 5b, col. (c) x 2/12)	5		0.0	0.8	0.8
	Actual / Projected Depreciation			3.7	0.7	
	 			3.7		4.4 3.7
20	Depreciation Variance (line 24 - line 23)			3.7	(0.0)	3.1
	Income Tax Impact:					
26	Forecast Capital Cost Allowance Deduction	8		3.3	11.1	14.4
27	Projected Capital Cost Allowance Deduction			27.3	5.5	32.8
28	Difference (line 26 - line 27)		-	(24.0)	5.7	(18.3)
	23.3.3.3 (m.o.20 m.o.21)	 		(24.0)	5.1	(10.3)
29	Net Increase (Decrease) in Regulatory Taxable Income	9,10		(15.6)	6.5	(9.1)
30	Income Tax Rate			······································		
		11		25.00%	25.00%	25.00%
31	Income Tax Impact (line 29 x line 30 / (1 - line 30))			(5.2)	2.2	(3.0)
32	Capital Addition to Variance Account Before Adjustment (line 22 + line 25 + line 31)			6.3	1.8	8.0
33	Less: EB-2013-0321 Impact Statement (Ex. N1) Adjustment			N/A	0.8	0.8
34	Total Capital Addition to Variance Account - Nuclear (line 32 - line 33)		4.3	6.3	0.9	7.2
J 4	Total Dapital Addition to Variance Account - Nuclear (line 32 - line 33)		4.3	0.3	0.9	1.2

For notes see Table 12a.

Table 12a Notes to Table 12 Capacity Refurbishment Capital Costs - 2013 and 2014 (\$M)

- 1 Non-capital variance account addition calculation is as shown in EB-2013-0321 Ex. L-9.1-17 SEC-132, Table 12.
- Forecasts for 2013 and January to October 2014 have been determined based on amounts reflected in the EB-2010-0008 payment amounts, with individual annual values found at EB-2012-0002 Ex. H1-1-2, Table 12, col. (d), lines 2-4. The total annual non-capital cost forecast of \$53.1M is as per the EB-2012-0002 Payment Amounts Order, App. B, p. 10, at \$4.42/month. The total January to October 2014 non-capital cost forecast is therefore \$4.42/month multiplied by 10 months.
- In accordance with the EB-2013-0321 Payment Amounts Order (App. G, p.10), the forecasts for November and December 2014 have been determined as shown below at line 4a, on the basis of amounts underpinning the EB-2013-0321 payment amounts:

Table	e to Note 3 - EB-2013-0321 and OPG's 2014-2016 Business Plan Forecast Costs (\$M)				
		Darlington	Fuel Channel	Pickering	Fuel Channel
Line		Refurbishment	Life Cycle Mgmt	Continued	Life Extension
No.		Non-Capital [#]	Project##	Operations ⁺	Project ⁺⁺
		(a)	(b)	(c)	(d)
1a	2014 Full Year Forecast Costs - EB-2013-0321	6.6	6.8	37.1	0.0
2a	2015 Full Year Forecast Costs - EB-2013-0321	18.2	0.6	0.0	0.0
3a	Total Forecast Costs - EB-2013-0321	24.9	7.4	37.1	0.0
4a	Nov - Dec 2014 Average Annual Forecast from EB-2013-0321 ((line 3a / 24 months) x 2)	2.1	0.6	3.1	0.0
5a	2014 Full Year Forecast Costs - OPG's 2014-2016 Business Plan	6.6	8.8	39.1	
6a	2015 Full Year Forecast Costs - OPG's 2014-2016 Business Plan	20.4	0.5	0.0	
7a	Total Forecast from OPG's - 2014-2016 Business Plan	27.0	9.2	39.1	
8a	Nov to Dec 2014 Average Annual Forecast - OPG's 2014-2016 Business Plan ((line 7a / 24 months) x 2)	2.3	0.8	3.3	
9a	Nov to Dec 2014 EB-2013-0321 Impact Statement (Ex. N1) Adjustment (cols. (a)-(c): line 8a - line 4a)	0.2	0.2	0.2	2.2

- # Lines 1 and 2a from EB-2013-0321 Decision with Reasons, p. 55.
- ## Lines 1a and 2a from EB-2013-0321 Ex. F2-3-1, Table 1, line 11, cols. (e) and (f).
- + Lines 1a and 2a from EB-2013-0321 Ex. F2-2-3, p. 4, Chart 1, "Subtotal" line.
- ++ The Fuel Channel Life Extension Project was not reflected in OPG's 2013-2015 Business Plan underpinning the EB-2013-0321 payment amounts.
- The adjustments are per the EB-2013-0321 Payment Amounts Order (App. G, p.10) requirement that amounts recorded in the account do not include those that OPG indicated it is not seeking to recover from, or refund to, ratepayers as part of the differences between the revenue requirement in its EB-2013-0321 pre-filed evidence and the information based on OPG's 2014-2016 Business Plan, which was provided in the EB-2013-0321 Impact Statement at Ex. N1. The adjustments are 2/24 of the higher corresponding costs reflected in the total test period OM&A increase of \$26M (EB-2013-0321 Ex. N1-1-1, Chart 1) between OPG's EB-2013-0321 pre-filed evidence and its 2014-2016 Business Plan. This difference was not included in the updated revenue requirement in the Ex. N1 impact statement. The individual November to December 2014 adjustments total \$2.7M and are shown in Note 3, line 9a.
 - The Fuel Channel Life Cycle Extension Project was considered in OPG's 2014-2016 Business Plan (see EB-2013-0321 Ex. F2-3-3, Attachment 1, Tab 11) as part of the nuclear portfolio project OM&A. In addition to addressing requirements with respect to the EB-2013-0321 Ex. N1 Impact Statement, the adjustment also limits the amount recoverable from ratepayers for project cost variances to the variance in total nuclear portfolio project OM&A from OPG's 2014-2016 Busines Plan.
- 5 The annual forecast (reference) amounts are determined as follows:

Table	to Note 5 - Darlington Refurbishment Forecast Capital Amou	nts - EB-2013-0321 (\$M)		
				((a)+(b)) / 2
Line				Reference
No.		2014	2015	Amount
		(a)	(b)	(c)
1b	Forecast Net Plant Rate Base Amount ^a	116.0	204.6	
2b	Weighted Average Cost of Capital ^b	6.86%	6.85%	
3b	Cost of Capital Forecast Amount (line 1b x line 2b)	8.0	14.0	11.0
4b	ROE Component of Cost of Capital Amount ^c	4.9	8.6	6.7
5b	Depreciation ^d	3.0	6.1	4.5
6b	Capital Cost Allowance Deduction ^e	39.3	94.3	66.8

- a From EB-2013-0321 Ex. L-4.9-1 Staff-048, p. 2, Chart 1.
- b From EB-2013-0321 Payment Amounts Order, App. A, Tables 5b and 6b, col. (c), line 6.
- c Calculated as line 1b x equity portion (45%) of the EB-2013-0321 capital structure x EB-2013-0321 ROE rate of 9.36% (2014) and 9.30% (2015) (from EB-2013-0321 Payment Amounts Order, App A, Tables 6b and 7b, col. (b), line 5).
- d From EB-2013-0321 Ex. F4-1-1, Table 2, Note 2 and EB-2013-0321 Ex. L-4.9 Staff-048, p. 2, Chart 1.
- e From EB-2013-0321 Ex. D2-2-1, p. 29, Note 2.
- 6 The 2014 projected net plant rate base amount is calculated as follows:

	The 2014 projected het plant rate base amount is calc	ulated as follow	ა.		
Table	to Note 6 - 2014 Projected Darlington Refurbishment	Net Plant Rate I	Base Amount (\$ 1	M)	
					((a)+(c)) / 2
			In-Service	(a)-(b)	Rate
Line		Opening	Additions/	Closing	Base
No.		Balance^	Depreciation	Balance	Amount
		(a)	(b)	(c)	(d)
1b	Gross Plant	104.2	53.4	157.5	130.8
2b	Less: Accumulated Depreciation	2.3	4.4	6.7	4.5
3b	Net Plant	101.9	49.0	150.8	126.3

- ^ Amounts are 2013 closing values from EB-2013-0321 Ex. L-9.1-17 SEC-132, Attachment 1, Table 12a, Note 1, col. (c).
- 7 Col. (b) is from EB-2010-0008 Payment Amounts Order, App. A, Table 5b, col. (c), line 6. Col. (c) is from EB-2013-0321 Payment Amounts Order, App. A, Table 6b, col. (c), line 6.
- 8 Col. (b) is 10/12 x the average of cols. (b) and (c) from EB-2013-0321 Ex. L-9.1-17 SEC-132, Attachment 1, Table 12a, line 5. Col. (c) is from Note 5, col. (c), line 6b x 2/12.
- The decrease in regulatory taxable income in col. (b) is calculated as the sum of lines lines 22 and 28, plus the ROE component of the cost of capital variance at line 22. The ROE component is calculated as: net plant amount at line 19, multiplied by the EB-2010-0008 OEB-approved equity portion (47%) of the capital structure, multiplied by the OEB-approved ROE rate of 9.55% (from EB-2010-0008 Payment Amounts Order, App A, Table 5b, col. (b), line 5), multiplied by 10/12.
- The increase in regulatory taxable income in col. (c) is calculated as the sum of lines 22 and 28, plus the ROE component of the cost of capital variance at line 22. The ROE component of the variance is calculated as 2/12 of the difference between: (i) line 19 multiplied by the EB-2013-0321 OEB-approved equity portion (45%) of the capital structure, multiplied by the OEB-approved ROE rate of 9.36% (from Note c), and (ii) Note 5, col. (c), line 4b.
- 11 From EB-2013-0321 Payment Amounts Order, App. A, Table 7, line 31.

EB-2014-0370 Exhibit H1 Tab 1 Schedule 1 Table 13

Table 13

Bruce Lease Net Revenues Variance Account

Summary of Account Transactions - 2013 and 2014

Line No.	Particulars	Note	Actual 2013 ¹	Current Jan - Oct 2014	Projected Nov - Dec 2014	(b)+(c) Projected Total 2014
			(a)	(b)	(c)	(d)
1	Actual / Projected Total Bruce Lease Net Revenues (\$M)	2	7.9	122.2	3.8	126.0
2	Forecast Bruce Lease Net Revenues - EB-2010-0008 / EB-2013-0321 (\$M)	3	135.5	135.5	40.2	
3	Forecast Nuclear Production (TWh)	4	51.0	51.0	47.8	
4	Rate Credited to Customers (\$/MWh) (line 2 / line 3)		2.7	2.7	0.8	
5	Actual / Projected Nuclear Production (TWh)	5	44.7	39.8	8.1	
6	Amount Credited to Customers (\$M) (line 4 x line 5)		118.5	105.8	6.8	112.6
7	Total Addition to Variance Account Before Adjustment (\$M) (line 6 - line 1)		110.5	(16.4)	+	(13.4)
8	Less: EB-2013-0321 Impact Statement (Ex. N1) Adjustment (\$M)	6	N/A	N/A	3.3	3.3
9	Total Addition to Variance Account (\$M) (line 7 - line 8)		110.5	(16.4)	(0.3)	(16.7)
10	Less: Addition to Derivative Sub-Account (\$M)	7	24.6	(57.5)	0.0	(57.5)
11	Addition to Non-Derivative Sub-Account (\$M) (line 9 - line 10)		85.9	41.1	(0.3)	40.8

- 1 As shown in EB-2013-0321 Ex. L-9.1-17 SEC-132 (corrected version filed on June 4, 2014), Attachment 1, Table 13, col. (a)
- 2 From Ex. H1-1-1 Table 13a, line 30.
- Per EB-2012-0002 Payment Amounts Order, App. B, p. 11-12, amount in cols. (a) and (b) is determined as the annual average (at \$11.30M/month) of Bruce Lease net revenues reflected in the EB-2010-0008 approved revenue requirement (EB-2010-0008 Payment Amounts Order, App. A, Table 2, line 20). Per EB-2013-0321 Payment Amounts Order, App. G, pp. 11-12, amount in col. (c) is determined as the average (at \$3.35M/month) of the 2014 and 2015 of Board-approved Bruce Lease net revenues (EB-2013-0321 Payment Amounts Order, App. A, Table 3, line 20).
- 4 Value in col. (a) and (b) is the average of 2011 and 2012 annual nuclear production from EB-2010-0008 Payment Amounts Order, App. A, Table 3, line 1. Value in col. (c) is the average of 2014 and 2015 annual nuclear production from EB-2013-0321 Payment Amounts Order, App. A, Table 4, line 1, cols. (g) and (h).
- 5 Col. (a) is from EB-2013-0321 Ex. L-1.0-1 Staff-002, Attachment 1, Table 14, col. (d), line 3. Cols. (b) and (c) are from Ex. H1-1-1, Table 14, line 10, cols. (b) and (c), respectively.
- The adjustment in col. (c) is per the EB-2013-0321 Payment Amounts Order (App. G, p. 11) requirement that OPG shall ensure that amounts recorded in the account do not include those that OPG indicated it is not seeking to recover from, or refund to, ratepayers as part of the differences between the revenue requirement in its EB-2013-0321 pre-filed evidence and the information based on OPG's 2014-2016 Business Plan provided in the EB-2013-0321 Impact Statement at Ex. N1. The adjustments represent a 2/12 of the \$20M total test period decrease (EB-2013-0321 Ex. N1-1-1, Chart 1) in forecast Bruce Lease net revenues between OPG's EB-2013-0321 pre-filed evidence and the 2014-2016 Business Plan that was not included in the updated revenue requirement in that impact statement.
- 7 From Ex. H1-1-1 Table 13a, line 29.

Table 13a Bruce Lease Net Revenue Variance Account Comparison of Bruce Lease Net Revenues - 2013 and 2014 (\$M)¹

Line		Actual	Average of 2011/2012 Board Approved	(b) - (a)	Current	10/12 of Average of 2011/2012 Board Approved	(e) - (d)	Projected	2/12 of Average 2014/2015 Board Approved	(h) - (g)	(d) + (g) Projected Total	Board Approved 2014	(k) - (j)
No.	Particulars Particulars Particulars	2013 ²	(EB-2010-0008)	Change	Jan - Oct 2014	(EB-2010-0008)	Change	Nov - Dec 2014	(EB-2013-0321)	Change	2014	(EB-2013-	Change
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)
	Revenues:												
1	Site Services (OPG to Bruce Power)	0.6	0.6	(0.1)	0.5	0.5	(0.1)	0.1	0.1	0.0	0.7	0.7	0.0
2	Low & Intermediate Level Waste Services	5.3	13.0	7.6	3.2	10.8	7.6	2.4	2.7	0.2	5.6	14.8	9.2
3	Cobalt-60	0.6	0.5	(0.1)	0.4	0.4	(0.0)	0.1	0.1	0.0	0.5	0.5	0.0
4	Total Services Revenue	6.6	14.0	7.4	4.2	11.7	7.5	2.6	2.9	0.2	6.8	16.0	9.2
5	Fixed (Base) Rent	40.9	40.9	0.0	34.1	34.1	0.0	4.6	6.4	1.9	38.7	38.7	(0.0)
	Supplemental Rent - Non-Derivative Portion	203.8	194.5	(9.3)	172.7	162.1	(10.6)	34.9	35.0	0.1	207.5	207.9	
7	Amortization of Initial Deferred Rent	12.1	12.1	(0.1)	10.1	10.1	(0.0)	2.0	2.0	0.0	12.1	12.1	0.0
8	Total Non-Derivative Rent Revenue	256.9	247.5	(9.4)	216.8	206.3	(10.6)	41.4	43.5	2.0	258.3	258.6	
9	Total Non-Derivative Revenue (line 4 + line 8)	263.5	261.6	(1.9)	221.0	218.0	(3.0)	44.1	46.3	2.3	265.1	274.6	9.6
10	Supplemental Rent - Derivative Portion	(32.8)	0.0	32.8	76.7	0.0	(76.7)	0.0	0.0	0.0	76.7	0.0	(76.7)
11	Total Revenue (line 9 + line 10)	230.7	261.6	30.9	297.7	218.0	(79.7)	44.1	46.3	2.3	341.8	274.6	(67.1)
	Costs:												
12	Depreciation	104.5	34.5	(70.0)	86.6	28.8	(57.9)	17.8	17.8	0.0	104.4	106.8	2.3
	Property Tax	11.6	13.8	2.3	9.8	11.5			2.3	0.4	11.7	13.7	·
	Accretion	369.0	300.9	(68.1)	322.4	250.7	(71.7)	64.5	65.0	0.5	386.9	382.9	(4.0)
15	(Earnings) Losses on Segregated Funds	(337.1)	(295.4)	41.7	(346.8)	(246.2)	100.6	(57.7)	(58.9)	(1.2)	(404.5)	(347.0)	57.4
16	Used Fuel Storage and Disposal	54.0	20.5	(33.5)	47.8	17.1	(30.7)	10.3	9.2	(1.0)	58.0	54.3	(3.7)
17	Waste Management Variable Expenses and Facilities Removal Costs	2.8	0.8	(2.0)	3.6	0.6	(3.0)	0.2	0.5	0.3	3.9	2.4	(1.5)
18	Interest	20.2	9.4	(10.8)	15.3	7.8	(7.5)	2.8	2.2	(0.6)	18.1	13.4	(4.7)
19	Total Costs Before Income Tax	225.0	84.5	(140.5)	138.7	70.4	(68.3)	39.8	38.2	(1.6)	178.5	226.5	48.0
20	Income Tax - Current - Non-Derivative Portion	26.9	4.3	(22.6)	49.9	3.6	(46.3)	11.6	9.7	(1.9)	61.5	57.1	(4.4)
21	Income Tax - Future/Deferred - Non-Derivative Portion	(20.8)	37.3	58.1	(32.2)	31.1	63.3	(11.1)	(8.2)	2.9	(43.4)	(48.6)	
22	Total Income Tax - Non-Derivative Portion	6.1	41.6	35.5	17.6	34.7	17.0	0.5	1.4	1.0	18.1	8.5	(9.6)
23	Total Non-Derivative Costs (line 19 + line 22)	231.1	126.0	(105.0)	156.3	105.0	(51.3)	40.3	39.6	(0.6)	196.6	235.0	38.4
24	Income Tax - Current - Derivative Portion	(26.9)	0.0	26.9	(0.6)	0.0	0.6	0.0	(3.3)	(3.3)	(0.6)	(19.8)	(19.2)
25	Income Tax - Future/Deferred - Derivative Portion	18.7	0.0	(18.7)	19.7	0.0	(19.7)	0.0	3.3	3.3	19.7	19.8	0.1
26	Total Income Tax - Derivative Portion	(8.2)	0.0	8.2	19.2	0.0	(19.2)	0.0	0.0	0.0	19.2	0.0	(19.2)
27	Total Costs (line 23 + line 26)	222.8	126.0	(96.8)	175.5	105.0	(70.5)	40.3	39.6	(0.6)	215.8	235.0	19.2
28	Bruce Lease Net Revenues - Non-Derivative Portion (line 9 - line 23)	32.5	135.5	103.1	64.7	113.0	48.3	3.8	6.7	2.9	68.5	39.7	(28.8)
	Bruce Lease Net Revenues - Derivative Portion (line 10 - line 26)	(24.6)	0.0	24.6	57.5	0.0	(57.5)	0.0	0.0	0.0	57.5	0.0	
30	Total Bruce Lease Net Revenues (line 28 + line 29)	7.9	135.5	127.6	122.2	113.0	` '	3.8	6.7	2.9	126.0		` '

- All amounts for 2013 and January to October 2014 are presented on a CGAAP basis, as this is the basis used to determine EB-2010-0008 Board-approved forecasts for 2011 and 2012. All amounts for November to December 2014 are presented on a US GAAP basis, which was used to determine the EB-2013-0321 Board approved forecast (shown in col. (k) for 2014).
- With the exception of lines 5 and 21 (which have been adjusted to CGAAP basis for a net increase to total Bruce Lease Net Revenues at line 30 of \$1.6M, per EB-2013-0321 Ex. L-9.1-17 SEC-132 (corrected version filed on June 4, 2014), Attachment 1, Table 13, note 2) and internally calculated values at lines 8, 11, 22, 27, 28 and 30, amounts are as shown in EB-2013-0321, Ex. L-1.0-1 Staff-002, Attachment 1, Table 36.
- 3 Cols. (a), (d) and (g) from corresponding columns of Ex. H1-1-1 Table 13b, line 38.
- 4 Cols. (a), (d) and (g) from corresponding columns of Ex. H1-1-1 Table 13b, line 46.
- 5 Cols. (a), (d) and (g) from corresponding columns of Ex. H1-1-1 Table 13b, line 37.
- 6 Cols. (a), (d) and (g) from corresponding columns of Ex. H1-1-1 Table 13b, line 45.

Table 13b Bruce Lease Net Revenues Variance Account Calculation of Bruce Income Taxes - 2013 and 2014 (\$M)¹

Line No.	Particulars	Note	Actual 2013 ²	Current Jan - Oct 2014	Projected Nov - Dec 2014	(b)+(c) Projected Total 2014
140.	1 articulars	Note	(a)	(b)	(c)	(d)
·····-	<u>Determination of Taxable Income</u> Earnings (Loss) Before Tax	3	5.7	159.0	4.3	163.3
	Additions for Tax Purposes - Temporary Differences:					
2	Base Rent Accrual		40.1	35.0	7.4	42.4
3 4	Depreciation Accretion		104.5 369.0	86.6 322.4	17.8 64.5	104.4 386.9
5 6	Used Fuel and Waste Management Expenses and Facilities Removal Costs Receipts from Nuclear Segregated Funds		56.8 30.4	51.4 29.3	10.5 19.7	61.9 48.9
7	Change in Fair Value of Bruce Derivative		32.8	(76.7)	0.0	(76.
9	Other Total Additions - Temporary Differences		2.5 636.2	4.4 452.4	0.9 120.7	5 573.
10	Deductions for Tax Purposes - Permanent Differences: Deferred Rent Revenue		14.2	11.8	2.4	14.:
	Deductions for Tax Purposes - Temporary Differences:			4.4	0.0	
11 12	CCA Cash Expenditures for Used Fuel, Waste Management & Decommissioning and Facilities Removal		5.7 91.3	4.4 75.2	0.9 22.7	5. 97.
13	Contributions to Nuclear Segregated Funds		85.9	(26.2)	(5.1)	(31.
14 15	Earnings (Losses) on Nuclear Segregated Funds Supplemental Rent Payment Reduction		337.1 78.7	346.8 0.0	57.7 0.0	404. 0.
	Total Deductions - Temporary Differences	-	598.6	400.2	76.2	476.4
17	Taxable Income/(Loss) Before Loss Carry-Over (line 1 + line 9 - line 10- line 16)		29.1	199.4	46.5	245.9
	Tax Loss Carry-Over to Future Years / (from Prior Years) Taxable Income After Loss Carry-Over (line 17 + line 18)	4	(29.1)	(2.3) 197.1	0.0 46.5	(2.5
			0.0	107.1	10.0	210.0
l	Determination of Total Current Income Taxes Taxable Income After Loss Carry-Over (from line 19)		0.0	197.1	46.5	243.0
	Income Tax Rate - Current Income Taxes - Current		25.00% 0.0	25.00% 49.3	25.00% 11.6	25.00 60.9
···	<u>Determination of Total Deferred Income Taxes</u> Total Net Short-Term Temporary Differences (line 3 + line 6 - line 11 - line 12)		37.9	36.4	13.9	50.2
	Income Tax Rate - Current Deferred Income Taxes - Short-Term		25.00% (9.5)	25.00% (9.1)	25.00% (3.5)	25.00 ⁰ (12.0
				`	``	·
	Total Net Long-Term Temporary Differences (line 9 - line 16 - line 23) Income Tax Rate - Long-Term		(0.4) 25.00%	15.9 25.00%	30.7 25.00%	46. 25.00
	Deferred Income Taxes - Long-Term		0.1	(4.0)	(7.7)	(11.
	Tax Loss / Tax Loss Carry-Over (line 17 or line 18)		(29.1)	(2.3)	·····	(2.5
	Income Tax Rate - Current Deferred Income Taxes - Tax Loss / Tax Loss Carry-Over		25.00% 7.3	25.00% 0.6	25.00% 0.0	25.00° 0.0
	Deferred Income Tax - Total (line 25 + line 28 + line 31)		(2.1)	(12.5)	(11.1)	(23.
	Determination of Derivative and Non-Derivative Portions of Total Current Income Taxes Taxable Income Before Loss Carry-Over - Impact of Derivative (from line 15)		(78.7)	0.0	0.0	0.0
34	Tax Loss Carry-Over From Prior Years - Impact of Derivative (from line 18)	5	(29.1)	` ′	0.0	(2.3
35 36	Taxable Income After Tax Loss Carry-Over From Prior Years - Impact of Derivative (line 33 + Income Tax Rate - Current		(107.7) 25.00%	(2.3) 25.00%		(2.3) 25.00°
37	Income Taxes - Current - Derivative Portion		(26.9)	(0.6)	0.0	(0.0
38	Income Taxes - Current - Non-Derivative Portion (line 22 - line 37)		26.9	49.9	11.6	61.
	Determination of Derivative and Non-Derivative Portions of Total Deferred Income Taxes Net Long-Term Temporary Differences - Impact of Derivative (line 7 - line 15)		(45.8)	(76.7)	0.0	(76.7
40	Income Tax Rate - Long-Term		25.00%	25.00%	25.00%	25.00
41	Deferred Income Taxes - Long-Term - Derivative Portion		11.5	19.2	0.0	19.2
	Tax Loss Carry-Over - Impact of Derivative (from line 34)		(29.1)	(2.3)	 	(2.
	Income Tax Rate Deferred Income Taxes - Tax Loss Carry-Over - Derivative Portion		25.00% 7.3	25.00% 0.6	25.00% 0.0	25.00 ⁰
45	Deferred Income Taxes - Total - Derivative Portion (line 41 + line 44)	_	18.7	19.7	0.0	19.
46	Deferred Income Taxes - Total - Non-Derivative Portion (line 32 - line 45)		(20.8)	(32.2)	(11.1)	(43.
	Income Tax Rate - Current					
47	Federal Tax		15.00% 11.25%	15.00% 11.25%	15.00%	15.00
48 49	Provincial Tax Provincial Manufacturing & Processing Profits Deduction		11.25% -1.25%		 	11.25 -1.25
50	Total Income Tax Rate - Current		25.00%	25.00%	25.00%	25.00
	Income Tax Rate - Long-Term		45.000	4= 000	45.000	4=
51 52	Federal Tax Provincial Tax		15.00% 10.00%	15.00% 10.00%	15.00% 10.00%	15.00 10.00
53	Provincial Manufacturing & Processing Profits Deduction Total Income Tax Rate - Long-Term		0.00% 25.00%	0.00%	0.00%	0.00 25.00

- All amounts for 2013 and January to October 2014 are presented on a CGAAP basis, as this is the basis used to determine EB-2010-0008 Board-approved forecasts for 2011 and 2012. All amounts for November to December 2014 are presented on a US GAAP basis, which was used to determined the EB-2013-0321 Board approved forecasts.
- With the exception of lines 1 and 2 (which have been adjusted to CGAAP basis) and internally calculated values at lines 9, 26, 28 and 46, amounts are as shown in EB-2013-0321 Ex. L-1.0-1 Staff-002, Attachment 1, Table 38.
- 3 Earnings (Loss) Before Tax is derived as the difference between Total Revenue in Ex. H1-1-1, Table 13a, line 11 and Total Costs Before Income Tax at line 19.
- 4 Amount in col. (b) is calculated as amount in col. (a) plus EB-2013-0321 Ex. G2-2-1, Table 9, line 3, col. (c).
- As noted in EB-2013-0321, Ex. L-1.0-1 Staff-002, Table 38, Note 41 the full amount of brought forward Bruce tax losses would be utilized in 2012 in the absence of the income tax deduction for the supplemental rent payment reduction in 2012. As such, no losses would be available for utilization in 2013 or 2014.

Filed: 2014-12-18 EB-2014-0370 Exhibit H1 Tab 1 Schedule 1 Table 13c

Table 13c
Amortization of Bruce Lease Net Revenues Variance Account - Derivative Sub-Account (\$M)

<u>As at December 31, 2014</u>

Line No.	Particulars	Amount at Dec. 31, 2014
		(a)
	Amount for Recovery in 2015 and 2016 Before Prior Recovery Adjustment	
4	2015:	00.7
1 	Forecast Partial Supplemental Rent Rebate	82.7 20.7
3	Less: Income Tax Impact (line 1 x tax rate of 25%) Net Amount	62.1
	Net Amount	02.1
	2016:	
4	Forecast Partial Supplemental Rent Rebate	85.4
5	Less: Income Tax Impact (line 4 x tax rate of 25%)	21.3
6	Net Amount	64.0
	Table 1 American December 1: 0045 and 10040 Defend Defend December 1: 0045	400.4
7	Total Amount for Recovery in 2015 and 2016 Before Prior Recovery Adjustment (line 3 + line 6)	126.1
	Prior Recovery Adjustment	
	2013:	
8	Amount Recovered per EB-2012-0002 (Prior to EB-2012-0002 Prior Recovery Adjustment) ¹	60.2
9	Actual Partial Supplemental Rent Rebate ²	78.7
10	Less: Income Tax Impact (line 10 x tax rate of 25%)	19.7
11	Net Amount	59.0
12	Prior Recovery Adjustment for 2013 (line 8 - line 11)	1.2
	2014:	
13	Amount Recovered per EB-2012-0002 (Prior to EB-2012-0002 Prior Recovery Adjustment) ¹	62.2
14	Actual Partial Supplemental Rent Rebate ²	0.0
15	Less: Income Tax Impact (line 10 x tax rate of 25%)	0.0
16	Net Amount	0.0
17	Prior Recovery Adjustment for 2014 (line 13 - line 16)	62.2
18	Correction of EB-2012-0002 Calculation Error (including interest at OEB-prescribed rate) ³	8.9
19	Total Prior Recovery Adjustment (line 12 + line 17 + line 18)	72.3
	Amount for Recovery in 2015 and 2016 After Prior Recovery Adjustment	
20	2015 Amortization (line 3 - line 19)	(10.2)
21	2016 Amortization (line 6)	64.0
22	Total Amount for Recovery in 2015 and 2016	53.8

- 1 From EB-2012-0002 Settlement Agreement Ex. M1-1, Att. 2, Table 14c, col. (a), line 6 (2013) and line 9 (2014).
- 2 From Ex. H1-1-1 Table 13b, line 15, col. (a) for 2013 and sum of cols. (b) and (c) for 2014.
- As discussed in EB-2013-0321 Ex. H1-1-1, p. 14, lines 16-20 and OPG's letter to the OEB dated September 26, 2013. The amount of the error was \$8.9M. Interest added is the sum of Ex. H1-1-1 Table 1a, line 19, col. (f), Ex. H1-1-1 Table 1b, line 19, col. (f), and Ex. H1-1-1 Table 1c, line 33, col. (d).

Numbers may not add due to rounding.

Filed: 2014-12-18

EB-2014-0370

Exhibit H1
Tab 1
Schedule 1
Table 14

Table 14
Nuclear Deferral and Variance Over/Under Recovery Variance Account
Summary of Account Transactions - 2013 and 2014

Line No.	Particulars	Note	Actual 2013 ¹	Current Jan - Oct 2014	Projected Nov - Dec 2014	(b)+(c) Projected Total 2014
			(a)	(b)	(c)	(d)
1	Nuclear Rider 2013-A / 2014-A (\$/MWh)	2	6.27	4.18	4.18	
2	Nuclear Rider 2013-B (\$/MWh)	3	0.41			
3	Interim Nuclear Rider (\$/MWh)	4	4.33			
4	Interim Period Production Forecast (TWh)	5	9.0			
5	Actual Nuclear Production for Jan-Feb 2013 (TWh)		8.0			
6	Production Variance (TWh) (line 4 - line 5)		1.0			
7	Under Recovery Due to Difference in Interim Period Production (\$M) (line 3 x line 6)		4.4			
8	Full Year Nuclear Forecast Production Used to Set Rider 2013-A (TWh)	6	51.0			
9	Mar 2013 - Dec 2014 Nuclear Production Forecast Used to Set Rider 2013-A and Rider 2014-A (TWh)	7	42.0	42.7	8.3	51.0
10	Mar 2013 - Dec 2014 Actual / Projected Nuclear Production (TWh)		36.7	39.8	8.1	47.9
11	Actual / Projected Nuclear Production Variance for Mar 2013 - Dec 2014 (TWh) (line 9 - line 10)		5.3	2.9	0.2	3.0
12	Under Recovery Due to Difference in Mar 2013 - Dec 2014 Production (\$M) (line 11 x (line 1 + line 2))		35.1	12.1	0.7	12.7
13	Addition to Variance Account (\$M) (line 7 + line 12)		39.5	12.1	0.7	12.7

- 1 As shown in EB-2013-0321 Ex. L-9.1-17 SEC-132 (corrected version filed on June 4, 2014), Attachment 1, Table 14, col. (a).
- 2 From EB-2012-0002 Payment Amounts Order, App. A, Table 2, line 13, col. (g) for 2013 and col. (h) for 2014.
- 3 From EB-2012-0002 Payment Amounts Order, App. A, Table 3, col. (b), line 7.
- 4 From EB-2012-0002 Payment Amounts Order, App. A, Table 3, col. (b), line 2.
- 5 From EB-2012-0002 Payment Amounts Order, App. A, Table 3, col. (b), line 5.
- 6 From EB-2012-0002 Payment Amounts Order, App. A, Table 2, col. (g), line 12.
- Value for 2013 is calculated as line 8 less line 4. Annual value for 2014 is from EB-2012-0002 Payment Amounts Order, App. A, Table 2, col. (g), line 12. Values for January to October 2014 and November to December 2014 are average of the corresponding monthly forecasts found at EB-2012-0002 Ex. L-2-1 Staff-16, Attachment 1, Table 3, lines 1 and 3.