Numbers may not add due to rounding.

Table 1
Deferral and Variance Accounts
Closing Account Balances - 2017 to 2019 ($M)

Line No.	Account	Note	Actual Year End Balance 2017	Actual Year End Balance 2018	Actual Year End Balance 2019
			(a)	(b)	(c)
			Note 1	Note 2	Note 3
	Regulated Hydroelectric:				
1	**Hydroelectric Water Conditions Variance**		(150.2)	(191.1)	(215.8)
2	**Ancillary Services Net Revenue Variance - Hydroelectric**		(45.0)	(58.9)	(62.1)
3	**Hydroelectric Incentive Mechanism Variance**		(0.1)	(0.1)	(0.0)
4	**Hydroelectric Surplus Baseload Generation Variance**		360.5	448.9	447.7
5	**Income and Other Taxes Variance - Hydroelectric**	7	0.0	0.1	(2.6)
6	**Capacity Refurbishment Variance - Hydroelectric**		9.0	15.9	26.2
7	**Niagara Tunnel Project Pre-December 2008 Disallowance Variance**		5.8	7.6	8.2
8	**Pension and OPEB Cost Variance - Hydroelectric - Future**		8.4	8.1	6.3
9	**Pension and OPEB Cost Variance - Hydroelectric - Post 2012 Additions**		26.6	24.8	15.3
10	**Pension & OPEB Cash Versus Accrual Differential Deferral - Hydroelectric - Registered Pension Plan (RPP) - EB-2018-0243 Approved**		41.3	41.3	41.3
11	**Pension & OPEB Cash Versus Accrual Differential Deferral - Hydroelectric - Non - RPP - EB-2018-0243 Approved**		41.9	41.9	34.9
12	**Pension & OPEB Cash Versus Accrual Differential Deferral - Hydroelectric - Post-2017 Additions**		0.0	22.7	44.1
13	**Pension & OPEB Cash Payment Variance - Hydroelectric**		(25.9)	(45.4)	(59.9)
14	**Pension and OPEB Forecast Accrual versus Actual Cash Differential - Carrying Charges - Hydroelectric**	4	0.0	0.0	(0.1)
15	**Hydroelectric Deferral and Variance Over/Under Recovery Variance**		25.7	24.4	17.3
16	**Total**		297.9	340.4	300.8
	Nuclear:				
17	**Nuclear Liability Deferral**		18.6	18.6	12.4
18	**Impact Resulting from Changes in Station End-of-Life Dates (December 31, 2015) Deferral Account**		(103.4)	(103.4)	(92.3)
19	**Nuclear Development Variance**		1.9	2.7	5.2
20	**Ancillary Services Net Revenue Variance - Nuclear**		3.4	3.5	(1.1)
21	**Capacity Refurbishment Variance - Nuclear - DRP - Excluding D2O**		(66.3)	(9.8)	38.3
22	**Capacity Refurbishment Variance - Nuclear - Non-DRP**	6	(33.6)	(79.1)	(102.9)
23	**Capacity Refurbishment Variance - Nuclear - Accelerated Investment Incentive CCA - DRP**		0.0	0.0	(19.2)
24	**Capacity Refurbishment Variance - Nuclear - D2O**		18.7	37.1	58.1
25	**Bruce Lease Net Revenues Variance - Derivative Sub-Account**		(69.4)	(60.3)	(26.9)
26	**Bruce Lease Net Revenues Variance - Non-Derivative Sub-Account - EB-2018-0243/EB-2016-0152 Approved**		189.0	185.9	168.8
27	**Bruce Lease Net Revenues Variance - Non-Derivative Sub-Account - Post 2017 Additions**		0.0	15.4	23.1
28	**Income and Other Taxes Variance - Nuclear**		(10.1)	(11.6)	(21.1)
29	**Pension and OPEB Cost Variance - Nuclear - Future**		171.7	165.3	136.9
30	**Pension and OPEB Cost Variance - Nuclear - Post 2012 Additions**		508.9	475.0	331.5
31	**Pension & OPEB Cash Versus Accrual Differential Deferral - Nuclear - Registered Pension Plan (RPP) - EB-2018-0243 Approved**		266.0	266.0	266.0
32	**Pension & OPEB Cash Versus Accrual Differential Deferral - Nuclear - Non - RPP - EB-2018-0243 Approved**		264.5	264.5	220.4
33	**Pension & OPEB Cash Versus Accrual Differential Deferral - Nuclear - Post-2017 Additions**		0.0	146.7	278.2
34	**Pension & OPEB Cash Payment Variance - Nuclear**		(114.0)	(175.0)	(288.6)
35	**Pension and OPEB Forecast Accrual versus Actual Cash Differential - Carrying Charges - Nuclear**	4	0.0	0.0	(0.6)
36	**Nuclear Deferral and Variance Over/Under Recovery Variance**		74.7	66.4	19.8
37	**Fitness for Duty Deferral**		0.1	0.2	0.5
38	**SR&ED ITC Variance**		(3.4)	(14.5)	(15.1)
39	**Rate Smoothing Deferral**		0.0	0.0	104.3
40	**Impact Resulting from Changes to Pickering Station End-of-Life Dates (December 31, 2017) Deferral Account**	5	0.0	(123.0)	(245.8)
41	**Total**		1,117.4	1,070.6	849.8
42	**Grand Total** (line 18 + line 47)		1,415.3	1,411.0	1,150.6

Notes:

1 From EB-2018-0243, Settlement Proposal, Attachment A, Table 1, col. (a) and Table 2, col. (a), which forms the basis of the payment amount riders approved in the Decision and Payment Amounts Order dated February 21, 2019.

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

3 From Ex. H1-1-1, Table 1b, col. (f).

4 OEB Report on Regulatory Treatment of Pension and Other Post-Employment Benefits (OPEBs) costs, issued in EB-2015-0040, establishes the (i) Pension and OPEB Cash Versus Accrual Differential Carrying Charges Deferral Account; (ii) Pension & OPEB Forecast Accrual versus Actual Cash Payment Differential Variance Account - Primary; and (iii) Pension & OPEB Forecast Accrual versus Actual Cash Payment Differential Variance Account - Contra. Only the Pension and OPEB Cash Versus Accrual Differential Carrying Charges Deferral Account is presented in the table as the Primary and Contra account balances always net to zero.

5 This account was established effective January 1, 2018 as per the OEB's Decision and Order in EB-2018-0002.

6 The December 31, 2017 balance has been updated from that presented (but not sought for recovery) in EB-2018-0243 in the course of preparing the evidence for this application.

Numbers may not add due to rounding.

Table 1a
Deferral and Variance Accounts
Continuity of Account Balances - Actual 2017 to 2018 ($M)

Line No.	Account	Note	Actual Year End Balance 2017	Actual 2018 Transactions	Actual 2018 Amortization EB-2016-0152	Actual 2018 Interest	Actual 2018 Transfers	(a)+(b)+(c)+(d)+(e) Actual Year End Balance 2018
			(a)	(b)	(c)	(d)	(e)	(f)
			Note 1		Note 2	Note 3		
	Hydroelectric:							
1	**Hydroelectric Water Conditions Variance**		(150.2)	(40.5)	2.6	(3.0)	0.0	(191.1)
2	**Ancillary Services Net Revenue Variance - Hydroelectric**		(45.0)	(15.0)	2.0	(0.8)	0.0	(58.9)
3	**Hydroelectric Incentive Mechanism Variance**		(0.1)	0.0	0.0	0.0	0.0	(0.1)
4	**Hydroelectric Surplus Baseload Generation Variance**		360.5	93.5	(12.4)	7.3	0.0	448.9
5	**Income and Other Taxes Variance - Hydroelectric**		0.0	0.1	0.0	(0.0)	0.0	0.1
6	**Capacity Refurbishment Variance - Hydroelectric**		9.0	7.3	(0.5)	0.1	0.0	15.9
7	**Niagara Tunnel Project Pre-December 2008 Disallowance Variance**		5.8	1.8	0.0	0.1	0.0	7.6
8	**Pension and OPEB Cost Variance - Hydroelectric - Future**		8.4	0.0	(0.3)	0.0	0.0	8.1
9	**Pension and OPEB Cost Variance - Hydroelectric - Post 2012 Additions**		26.6	0.0	(1.8)	0.0	0.0	24.8
10	**Pension & OPEB Cash Versus Accrual Differential Deferral - Hydroelectric - Registered Pension Plan (RPP) - EB-2018-0243 Approved**		41.3	0.0	0.0	0.0	0.0	41.3
11	**Pension & OPEB Cash Versus Accrual Differential Deferral - Hydroelectric - Non - RPP - EB-2018-0243 Approved**		41.9	0.0	0.0	0.0	0.0	41.9
12	**Pension & OPEB Cash Versus Accrual Differential Deferral - Hydroelectric - Post-2017 Additions**		0.0	22.7	0.0	0.0	0.0	22.7
13	**Pension & OPEB Cash Payment Variance - Hydroelectric**		(25.9)	(18.3)	(0.6)	(0.5)	0.0	(45.4)
14	**Hydroelectric Deferral and Variance Over/Under Recovery Variance**		25.7	0.3	(2.0)	0.4	0.0	24.4
15	**Total**		297.9	51.9	(13.0)	3.6	0.0	340.4
	Nuclear:							
16	**Nuclear Liability Deferral**		18.6	0.0	0.0	0.0	0.0	18.6
17	**Impact Resulting from Changes in Station End-of-Life Dates (December 31, 2015) Deferral**		(103.4)	0.0	0.0	0.0	0.0	(103.4)
18	**Nuclear Development Variance**		1.9	1.0	(0.3)	0.0	0.0	2.7
19	**Ancillary Services Net Revenue Variance - Nuclear**		3.4	0.2	(0.1)	0.1	0.0	3.5
20	**Capacity Refurbishment Variance - Nuclear - DRP - Excluding D2O**		(66.3)	49.2	7.4	(0.2)	0.0	(9.8)
21	**Capacity Refurbishment Variance - Nuclear - Non-DRP**	4	(33.6)	(47.0)	2.9	(1.3)	0.0	(79.1)
22	**Capacity Refurbishment Variance - Nuclear - Accelerated Investment Incentive CCA - DRP**		0.0	0.0	0.0	0.0	0.0	0.0
23	**Capacity Refurbishment Variance - Nuclear - D2O**		18.7	17.9	0.0	0.5	0.0	37.1
24	**Bruce Lease Net Revenues Variance - Derivative Sub-Account**		(69.4)	0.0	10.3	(1.2)	0.0	(60.3)
25	**Bruce Lease Net Revenues Variance - Non-Derivative Sub-Account - EB-2018-0243/EB-2016-0152 Approved**		189.0	0.0	(3.1)	0.0	0.0	185.9
26	**Bruce Lease Net Revenues Variance - Non-Derivative Sub-Account - Post 2017 Additions**		0.0	11.8	0.0	3.6	0.0	15.4
27	**Income and Other Taxes Variance - Nuclear**		(10.1)	(2.0)	0.6	(0.2)	0.0	(11.6)
28	**Pension and OPEB Cost Variance - Nuclear - Future**		171.7	0.0	(6.4)	0.0	0.0	165.3
29	**Pension and OPEB Cost Variance - Nuclear - Post 2012 Additions**		508.9	0.0	(33.9)	0.0	0.0	475.0
30	**Pension & OPEB Cash Versus Accrual Differential Deferral - Nuclear - Registered Pension Plan (RPP) - EB-2018-0243 Approved**		266.0	0.0	0.0	0.0	0.0	266.0
31	**Pension & OPEB Cash Versus Accrual Differential Deferral - Nuclear - Non - RPP - EB-2018-0243 Approved**		264.5	0.0	0.0	0.0	0.0	264.5
32	**Pension & OPEB Cash Versus Accrual Differential Deferral - Nuclear - Post-2017 Additions**		0.0	146.7	0.0	0.0	0.0	146.7
33	**Pension & OPEB Cash Payment Variance - Nuclear**		(114.0)	(54.9)	(3.5)	(2.6)	0.0	(175.0)
34	**Nuclear Deferral and Variance Over/Under Recovery Variance**		74.7	(2.9)	(6.6)	1.2	0.0	66.4
35	**Fitness for Duty Deferral**		0.1	0.1	0.0	0.0	0.0	0.2
36	**SR&ED ITC Variance**		(3.4)	(11.0)	0.0	(0.1)	0.0	(14.5)
37	**Rate Smoothing Deferral**		0.0	0.0	0.0	0.0	0.0	0.0
38	**Impact Resulting from Changes to Pickering Station End-of-Life Dates (December 31, 2017) Deferral Account**	5	0.0	(123.0)	0.0	0.0	0.0	(123.0)
39	**Total**		1,117.4	(13.9)	(32.7)	(0.2)	0.0	1,070.6
40	**Grand Total** (line 15 + line 39)		1,415.3	37.9	(45.7)	3.4	0.0	1,411.0

Notes:

1 From EB-2018-0243, Settlement Proposal, Attachment A, Table 1, col. (a) and Table 2, col. (a), which forms the basis of the payment amount riders approved in the Decision and Payment Amounts Order dated February 21, 2019.

2 As per EB-2016-0152 Payment Amounts Order, App. D, Table 1, col. (e) for hydroelectric and EB-2016-0152 Payment Amounts Order, App. E, Table 1, col. (e) for nuclear .

3 Per the EB-2016-0152 Payment Amounts Order, no interest is recorded on the Pension & OPEB Cash Versus Accrual Differential Deferral Account, Pension and OPEB Cost Variance Account, Nuclear Liability Deferral Account, Impact Resulting from Changes in Station End-of-Life Dates (December 31, 2015) Deferral, and Impact Resulting from Changes in Pickering End-of-Life Dates (December 31 2017) Deferral Account.

4 The December 31, 2017 balance has been updated from that presented (but not sought for recovery) in EB-2018-0243 in the course of preparing the evidence for this application.

5 This account was established effective January 1, 2018 as per the OEB's Decision and Order in EB-2018-0002.

Numbers may not add due to rounding.

Table 1b
Deferral and Variance Accounts
Continuity of Account Balances - Actual 2018 to 2019 ($M)

Line No.	Account	Note	Audited Year End Balance 2018	Actual 2019 Transactions	Actual 2019 Amortization EB-2016-0152	Actual 2019 Amortization EB-2018-0243	Actual 2019 Interest	Actual 2019 Transfers	(a)+(b)+(c)+(d)+(e) Actual Year End Balance 2019
			(a)	(b)	(c)	(d)	(e)	(f)	(f)
			Note 1		Note 2	Note 3	Note 4		
	Hydroelectric:								
1	**Hydroelectric Water Conditions Variance**		(191.1)	(61.0)	8.7	32.3	(4.6)	0.0	(215.8)
2	**Ancillary Services Net Revenue Variance - Hydroelectric**		(58.9)	(16.2)	6.6	7.7	(1.3)	0.0	(62.1)
3	**Hydroelectric Incentive Mechanism Variance**		(0.1)	0.0	0.1	0.0	0.0	0.0	(0.0)
4	**Hydroelectric Surplus Baseload Generation Variance**		448.9	97.8	(41.2)	(67.5)	9.7	0.0	447.7
5	**Income and Other Taxes Variance - Hydroelectric**	7	0.1	(2.7)	0.0	0.0	(0.0)	0.0	(2.6)
6	**Capacity Refurbishment Variance - Hydroelectric**		15.9	11.7	(1.6)	0.0	0.2	0.0	26.2
7	**Niagara Tunnel Project Pre-December 2008 Disallowance Variance**		7.6	1.7	0.0	(1.4)	0.2	0.0	8.2
8	**Pension and OPEB Cost Variance - Hydroelectric - Future**		8.1	0.0	(1.1)	(0.8)	0.0	0.0	6.3
9	**Pension and OPEB Cost Variance - Hydroelectric - Post 2012 Additions**		24.8	0.0	(5.9)	(3.6)	0.0	0.0	15.3
10	**Pension & OPEB Cash Versus Accrual Differential Deferral - Hydroelectric - Registered Pension Plan (RPP) - EB-2018-0243 Approved**		41.3	0.0	0.0	0.0	0.0	0.0	41.3
11	**Pension & OPEB Cash Versus Accrual Differential Deferral - Hydroelectric - Non - RPP - EB-2018-0243 Approved**		41.9	0.0	0.0	(7.0)	0.0	0.0	34.9
12	**Pension & OPEB Cash Versus Accrual Differential Deferral - Hydroelectric - Post-2017 Additions**		22.7	21.4	0.0	0.0	0.0	0.0	44.1
13	**Pension & OPEB Cash Payment Variance - Hydroelectric**		(45.4)	(18.5)	(2.1)	7.3	(1.2)	0.0	(59.9)
14	**Pension and OPEB Cash Versus Accrual Differential Carrying Charges - Hydroelectric**	5	0.0	(0.1)	0.0	0.0	0.0	0.0	(0.1)
15	**Hydroelectric Deferral and Variance Over/Under Recovery Variance**		24.4	2.2	(6.7)	(3.0)	0.4	0.0	17.3
16	**Total**		340.4	36.3	(43.4)	(35.9)	3.5	0.0	300.8
	Nuclear:								
17	**Nuclear Liability Deferral**		18.6	0.0	0.0	(6.2)	0.0	0.0	12.4
18	**Impact Resulting from Changes in Station End-of-Life Dates (December 31, 2015) Deferral**		(103.4)	0.0	0.0	11.1	0.0	0.0	(92.3)
19	**Nuclear Development Variance**		2.7	3.3	(0.9)	(0.0)	0.1	0.0	5.2
20	**Ancillary Services Net Revenue Variance - Nuclear**		3.5	(3.9)	(0.5)	(0.3)	0.0	0.0	(1.1)
21	**Capacity Refurbishment Variance - Nuclear - DRP - Excluding D2O**		(9.8)	22.2	24.8	0.0	1.1	0.0	38.3
22	**Capacity Refurbishment Variance - Nuclear - Non-DRP**		(79.1)	(30.8)	9.8	0.0	(2.8)	0.0	(102.9)
23	**Capacity Refurbishment Variance - Nuclear - Accelerated Investment Incentive CCA - DRP**		0.0	(18.9)	0.0	0.0	(0.3)	0.0	(19.2)
24	**Capacity Refurbishment Variance - Nuclear - D2O**		37.1	20.6	0.0	0.0	0.4	0.0	58.1
25	**Bruce Lease Net Revenues Variance - Derivative Sub-Account**		(60.3)	0.0	34.3	0.1	(1.0)	0.0	(26.9)
26	**Bruce Lease Net Revenues Variance - Non-Derivative Sub-Account - EB-2018-0243/EB-2016-0152 Approved**		185.9	0.0	(10.3)	(6.8)	0.0	0.0	168.8
27	**Bruce Lease Net Revenues Variance - Non-Derivative Sub-Account - Post 2017 Additions**		15.4	3.5	0.0	0.0	4.2	0.0	23.1
28	**Income and Other Taxes Variance - Nuclear**	7	(11.6)	(12.1)	2.2	0.6	(0.2)	0.0	(21.1)
29	**Pension and OPEB Cost Variance - Nuclear - Future**		165.3	0.0	(21.5)	(6.9)	0.0	0.0	136.9
30	**Pension and OPEB Cost Variance - Nuclear - Post 2012 Additions**		475.0	0.0	(113.1)	(30.4)	0.0	0.0	331.5
31	**Pension & OPEB Cash Versus Accrual Differential Deferral - Nuclear - Registered Pension Plan (RPP) - EB-2018-0243 Approved**		266.0	0.0	0.0	0.0	0.0	0.0	266.0
32	**Pension & OPEB Cash Versus Accrual Differential Deferral - Nuclear - Non - RPP - EB-2018-0243 Approved**		264.5	0.0	0.0	(44.1)	0.0	0.0	220.4
33	**Pension & OPEB Cash Versus Accrual Differential Deferral - Nuclear - Post-2017 Additions**		146.7	131.5	0.0	0.0	0.0	0.0	278.2
34	**Pension & OPEB Cash Payment Variance - Nuclear**		(175.0)	(111.7)	(11.7)	14.8	(4.9)	0.0	(288.6)
35	**Pension and OPEB Forecast Accrual versus Actual Cash Differential - Carrying Charges - Hydroelectric**	5	0.0	(0.6)	0.0	0.0	0.0	0.0	(0.6)
36	**Nuclear Deferral and Variance Over/Under Recovery Variance**		66.4	(22.1)	(22.1)	(3.3)	0.8	0.0	19.8
37	**Fitness for Duty Deferral**		0.2	0.3	0.0	0.0	0.0	0.0	0.5
38	**SR&ED ITC Variance**		(14.5)	(0.7)	0.0	0.4	(0.3)	0.0	(15.1)
39	**Rate Smoothing Deferral**		0.0	102.2	0.0	0.0	2.1	0.0	104.3
40	**Impact Resulting from Changes to Pickering Station End-of-Life Dates (December 31, 2017) Deferral Account**	6	(123.0)	(122.8)	0.0	0.0	0.0	0.0	(245.8)
41	**Total**		1,070.6	(40.0)	(108.9)	(71.0)	(0.8)	0.0	849.8
42	**Grand Total** (line 18 + line 41)		1,411.0	(3.8)	(152.3)	(106.9)	2.6	0.0	1,150.5

Notes:

1 From Ex. H1-1-1, Table 1a, col. (f).

2 As per EB-2016-0152 Payment Amounts Order, App. D, Table 1, col. (f) for Hydroelectric and EB-2016-0152 Payment Amounts Order, App. E, Table 1, col. (f) for Nuclear .

3 From EB-2018-0243, Settlement Proposal, Attachment A, Table 1, col. (i) and Table 2, col. (i), which forms the basis of the payment amounts approved in the Decision and Payment Amounts Order dated February 21, 2019.

4 Per the EB-2016-0152 and EB-2018-0243 Payment Amounts Orders, no interest is recorded on the Pension & OPEB Cash Versus Accrual Differential Deferral Account, Pension and OPEB Cost Variance Account, Nuclear Liability Deferral Account, Impact Resulting from Changes in Station End-of-Life Dates (December 31, 2015) Deferral and Impact Resulting from Changes in Station End-of-Life Dates (December 31 2017) Deferral Account.

5 OEB Report on Regulatory Treatment of Pension and Other Post-Employment Benefits (OPEBs) costs, issued in EB-2015-0040, establishes the (i) Pension and OPEB Cash Versus Accrual Differential Carrying Charges Deferral Account; (ii) Pension & OPEB Forecast Accrual versus Actual Cash Payment Differential Variance Account - Primary; and (iii) Pension & OPEB Forecast Accrual versus Actual Cash Payment Differential Variance Account - Contra. Only the Pension and OPEB Cash Versus Accrual Differential Carrying Charges Deferral Account is presented in the table as the Primary and Contra account balances always net to zero.

6 This account was established effective January 1, 2018 as per the OEB's Decision and Order in EB-2018-0002.

7 The 2019 entry to the Income and Other Taxes Variance Account includes a credit entry related to a capital cost allowance rule change discussed further at Ex. F4-2-1, Section 3.2.1.

Numbers may not add due to rounding.

Table 2
Hydroelectric Water Conditions Variance Account
Summary of Account Transactions - 2018 and 2019 ($M)

Line No.	Particulars	Note	Actual 2018	Actual 2019
			(a)	(b)
	Regulated Hydroelectric:			
1	**Forecast Production (GWh)**	1	32,432	32,432
2	**Actual Calculated Production (GWh)**		34,012	34,568
3	**Difference (GWh)** (line 1 - line 2)		(1,581)	(2,136)
4	**Payment Amount ($/MWh)**	2	42.05	42.51
5	**Revenue Impact ($M)** (line 3 x line 4 / 1000)		(66.5)	(90.8)
6	**GRC/Water Rental Costs ($M)**		25.9	29.8
7	**Addition to Variance Account ($M)** (line 5 + line 6)		(40.5)	(61.0)

Notes:

1 Value determined as set out in EB-2016-0152 Payment Amounts Order, App. G, pp. 3-4.

2 Col. (a) from EB-2016-0152 Payment Amounts Order, App. B, Table 1, line 6 and col. (b) from EB-2018-0243, Decision and Payment Amounts Order, pg. 3.

Numbers may not add due to rounding.

Table 3
Ancillary Services Net Revenue Variance Account
Summary of Account Transactions - 2018 and 2019 ($M)

Line No.	Particulars	Note	Actual 2018	Actual 2019
			(a)	(b)
	Regulated Hydroelectric:			
1	**Forecast Revenue:**	1	55.5	55.5
2	**Actual Revenue**		70.5	71.8
3	**Regulated Hydroelectric Addition to Variance Account** (line 1 - line 2)		(15.0)	(16.2)
	Nuclear:			
4	**Forecast Revenue**	1	1.8	1.9
5	**Actual Revenue**	2	1.6	5.8
6	**Nuclear Addition to Variance Account** (line 4 - line 5)		0.2	(3.9)

Notes:
1 Cols. (a) and (b) is as per EB-2016-0152 Payment Amounts Order, App, G, p. 5.
2 As shown in G2-1-1, Table 1, line 6, cols. (c) and (d).

Numbers may not add due to rounding.

Table 4
Hydroelectric Incentive Mechanism Variance Account
Summary of Account Transactions - 2018 and 2019 ($M)

Line No.	Particulars	Note	Actual 2018	Actual 2019
			(a)	(b)
1	**Total Actual Regulated Hydroelectric Incentive Mechanism Net Revenue**	1	10.9	6.2
2	**Threshold**	2	54.5	54.5
3	**Actual Hydroelectric Incentive Mechanism Net Revenue In Excess of Threshold** (line 1 - line 2; nil if line 1 < line 2)		0.0	0.0
4	**Percentage**	2	50%	50%
5	**Addition to Variance Account** (line 3 x line 4)		0.0	0.0

Notes:

1 Annual values as reported in OPG's 2018 Management's Discussion & Analysis (p. 41) for 2018 and 2019 Management's Discussion & Analysis (p.38) for 2019.

2 Annual threshold and percentage per EB-2014-0370 Payment Amounts Order, App. B, pp. 8-9.

Numbers may not add due to rounding.

Table 5
Hydroelectric Surplus Baseload Generation Variance Account
Summary of Account Transactions - 2018 and 2019 ($M)

Line No.	Particulars	Note	Actual 2018	Actual 2019
			(a)	(b)
	Regulated Hydroelectric:			
1	**Actual Foregone Production Due to SBG Conditions (GWh)**	1	3,224	3,304
2	**Payment Amount ($/MWh)**	2	42.05	42.51
3	**Revenue ($M)** (line 1 x line 2 / 1000)		135.6	140.4
4	**GRC/Water Rental Costs ($M)**		(42.1)	(42.6)
5	**Addition to Variance Account ($M)** (line 3 + line 4)		93.5	97.8

Notes:

1 Total annual SBG in cols.(a) and (b) is as reported in OPG's 2019 Management's Discussion & Analysis (p.13).

2 Col. (a) from EB-2016-0152 Payment Amounts Order, App. B, Table 1, line 6 and col. (b) from EB-2018-0243, Decision and Payment Amounts Order, p. 3

Numbers may not add due to rounding.

Table 6
Income and Other Taxes Variance Account
Summary of Account Transactions - 2018 and 2019 ($M)

Line No.	Particulars	Note	Actual 2018			Actual 2019		
			Regulated Hydroelectric	Nuclear	(a)+(b) Total	Regulated Hydroelectric	Nuclear	(d)+(e) Total
			(a)	(b)	(c)	(d)	(e)	(f)
	Entry (i):CCA Accelerated Investment Incentive Impact	1						
1	**2018 CCA differences**		-	-	-	(0.5)	(0.4)	(0.9)
2	**2019 CCA differences**		-	-	-	(7.0)	(28.8)	(35.8)
3	**Income Tax Impact in 2018** (line 1 x 25%)		-	-	-	(0.1)	(0.1)	(0.2)
4	**Income Tax Impact in 2019** (line 2 x 25%)		-	-	-	(1.7)	(7.2)	(9.0)
5	**Addition to Variance Account** (line 3 + line 4) / (1-25%)		-	-	-	(2.5)	(9.8)	(12.2)
	Entry (ii): Increase of SR&ED ITCs Recognition Percentage from 75% to 100% in 2018 for 2014 and ITC rate reduction in 2014	2						
6	**Forecast SR&ED ITCs, net of Tax on ITCs, at 75%**		0.1	(6.1)	(5.9)	-	-	-
7	**Forecast SR&ED ITCs, net of Tax on ITCs, at 100%** (line 6 x 4/3)		0.2	(8.1)	(7.9)	-	-	-
8	**Addition to Variance Account** (line 7 - line 6)		0.0	(2.0)	(2.0)	-	-	-
	Entry (iii): Increase of SR&ED ITCs Recognition Percentage from 75% to 100% in 2019 for 2015	3						
9	**Forecast SR&ED ITCs, net of Tax on ITCs, at 75%**		-	-	-	(0.8)	(7.1)	(7.8)
10	**Forecast SR&ED ITCs, net of Tax on ITCs, at 100%** (line 9 x 4/3)		-	-	-	(1.0)	(9.4)	(10.4)
11	**Addition to Variance Account** (line 10 - line 9)		-	-	-	(0.3)	(2.4)	(2.6)
	Entry (iv): Ontario Research and Development Tax Credit (ORDTC) Reduction from 4.5% to 3.5% Effective June 1, 2016							
12	**Addition to Variance Account - Reduction in ORDTC Rate**		0.0	-	0.0	0.0	-	0.0
13	**Total Addition to Variance Account** (line 5 + line 8 + line 11 + line 12)		0.1	(2.0)	(1.9)	(2.7)	(12.1)	(14.8)

Notes:

1 In 2019, a credit entry was made to this account related to a Capital Cost Allowance (CCA) rule change, which provides for a first-year increase in CCA deductions on eligible capital assets acquired after November 20, 2018. This change was introduced by Bill C-97, the Budget Implementation Act, 2019, No. 1, which was given Royal Assent on June 21, 2019. On July 25, 2019, the OEB provided accounting direction regarding Bill C-97 and Other Changes in Regulatory or Legislated Tax Rules for Capital Cost Allowance. The OEB expects OPG to record the impacts of CCA rule changes in the appropriate account for the period November 21, 2018 until the effective date of OPG's next cost-based rate order. Refer to Ex. H1-1-1, Section 5.5 Income and Other Taxes Variance Account. The impact of the new rules on assets other than the assets subject to the Capacity Refurbishment Variance Account for the nuclear and hydroelectric businesses have been recorded in this account.

2 Recorded in 2018 following the resolution, during 2018, of the 2014 taxation year audit. Amount at line 10 represents SR&ED ITCs, net of tax on ITCs, for 2014 previously credited to ratepayers at 75% through the EB-2010-0008 and EB-2013-0321 payment amounts and the December 31, 2014 balance of the Income and Other Taxes Variance Account approved in EB-2014-0370.

3 Recorded in 2019 following the resolution, during 2019, of the 2015 taxation year audit. Amount at line 14 represents SR&ED ITCs, net of tax on ITCs, for 2015 previously credited to ratepayers at 75% through the EB-2013-0321 payment amounts.

Numbers may not add due to rounding.

Table 7

Pension & OPEB Cash Payment Variance Account and Pension & OPEB Cash Versus Accrual Differential Deferral Account

Summary of Account Transactions - 2018 and 2019 ($M)

Line No.	Particulars	Note	Actual 2018			Actual 2019		
			Regulated Hydroelectric	Nuclear	(a)+(b) Total	Regulated Hydroelectric	Nuclear	(d)+(e) Total
			(a)	(b)	(c)	(d)	(e)	(f)
1	**Forecast Pension Contributions**	1	45.1	202.9	248.0	45.1	243.5	288.6
2	**Forecast OPEB Payments**	1	12.8	95.7	108.6	12.8	99.9	112.7
3	**Total Forecast Pension and OPEB Cash Amounts** (line 1 + line 2)		58.0	298.7	356.6	58.0	343.3	401.3
4	**Actual Pension Contributions**	2	25.3	155.3	180.5	24.1	141.2	165.3
5	**Actual OPEB Payments**	2	14.4	88.5	102.9	15.4	90.4	105.8
6	**Total Actual Pension and OPEB Cash Amounts** (line 4 + line 5)		39.7	243.7	283.4	39.5	231.6	271.1
7	**Total Addition to Pension & OPEB Cash Payment Variance Account** (line 6 - line 3)		(18.3)	(54.9)	(73.2)	(18.5)	(111.7)	(130.2)
8	**Actual Pension - Registered Pension Plan (RPP) Accrual**	3	34.6	218.3	252.9	33.1	198.9	232.1
9	**Actual OPEB - Non-RPP Accrual**	3	27.8	172.1	199.9	27.8	164.2	192.0
10	**Total Actual Pension and OPEB Accrual** (line 8 + line 9)		62.4	390.4	452.8	60.9	363.2	424.1
11	**Addition to Pension and OPEB Cash Versus Accrual Differential Deferral Account - Registered Pension Plan (RPP)** (line 8 - line 4)		9.4	63.0	72.4	9.1	57.7	66.8
12	**Addition to Pension and OPEB Cash Versus Accrual Differential Deferral Account - Non-RPP** (line 9 - line 5)		13.4	83.6	97.0	12.4	73.8	86.1
13	**Total Addition to Pension & OPEB Cash Versus Accrual Differential Deferral Account** (line 11 + line 12)		22.7	146.7	169.4	21.4	131.5	152.9

Notes:

1 2018 and 2019 Cols. (a, b, d and e) per EB-2016-0152 Payment Amounts Order, App. G, pp. 12-13.

2 Total Regulated amounts in col. (c) and (f) as shown (rounded) in Note 12 to the 2018 and 2019 audited financial statements for OPG's Prescribed Facilities (Ex. A2-1-1, Att. 5). Nuclear amounts also found at Ex. F4-3-2, Chart 2.

3 Nuclear amounts found at Ex. F4-3-2, Chart 1.

Numbers may not add due to rounding.

Table 7a

Pension & OPEB Forecast Accrual Versus Actual Cash Payment Differential Carrying Charges, Primary and Contra Accounts [1]

Summary of Account Transactions - 2019 ($M)

Line No.	Particulars	Note	Actual 2019		
			Regulated Hydroelectric	Nuclear	(a)+(b) Total
			(a)	(b)	(c)
1	**Amortization of Pension & OPEB Cash Versus Accrual Differential Deferral - Registered Pension Plan (RPP) - EB-2018-0243 Approved**	2	0.0	0.0	0.0
2	**Amortization of Pension & OPEB Cash Versus Accrual Differential Deferral - Non-RPP - EB-2018-0243 Approved**	2	7.0	44.1	51.1
3	**Pension & OPEB Forecast Accrual versus Actual Cash Payment Differential Variance Primary Account** (line 1 + line 2)	3	7.0	44.1	51.1
4	**Pension & OPEB Forecast Accrual versus Actual Cash Payment Differential Variance - Contra Account** (line 3 x -1)		(7.0)	(44.1)	(51.1)
5	**Net Pension & OPEB Forecast Accrual versus Actual Cash Payment Differential Variance Primary and Contra Accounts**		0.0	0.0	0.0
6	**Addition to Pension and OPEB Cash Versus Accrual Differential Carrying Charges Account**	4	(0.1)	(0.6)	(0.7)

Note:

1 Accounts are established as per OEB Report EB-2015-0040 on Regulatory Treatment of Pension and OPEBs costs effective January 1, 2018.

2 Hydroelectric balance per EB-2018-0243 Settlement Proposal, Attachment A, Table 1, line 11, col. (i) for Non-RPP and line 12, col. (i) for RPP. Nuclear balance per EB-2018-0243 Settlement Proposal, Attachment A, Table 2, line 13, col. (i) for Non-RPP and line 12, col. (i) for RPP.

3 Per direction in the OEB's Report, *Regulatory Treatment of Pension and Other Post-employment Benefits (OPEBs) Costs,* p. 22: "As these utilities are collecting amounts from monthly rate riders relating to the previously approved account(s), they will also be required to record a corresponding monthly entry to the new Pension & OPEB Forecast Accrual versus Actual Cash Payment Differential variance account"

4 Per direction in the OEB's Report, *Regulatory Treatment of Pension and Other Post-employment Benefits (OPEBs) Costs,* p. 12: "Carrying charges on the new tracking account will be assessed on the monthly opening account balance at the OEB's prescribed Construction Work In Progress (CWIP) rate." Carrying charges calculated on the monthly cumulative recovery of the Non-RPP using the OEB's CWIP Account prescribed rate effective in 2019 of 3.82% for Q1, 3.39% for Q2 and 2.88% for Q3 and Q4.

Numbers may not add due to rounding.

Table 8
Hydroelectric Deferral and Variance Over/Under Recovery Variance Account
Summary of Account Transactions - 2018 and 2019 ($M)

Line No.	Particulars	Note	Actual 2018	Actual 2019
			(a)	(b)
1	**Regulated Hydroelectric Rider ($/MWh)-EB-2016-0152**	1	0.52	1.44
2	**Regulated Hydroelectric Rider ($/MWh)-EB-2018-0243**	2		1.16
3	**Regulated Hydroelectric Production Forecast Used to Set Rider (TWh) EB-2016-0152**	3	25.2	30.2
4	**Regulated Hydroelectric Production Forecast Used to Set Rider (TWh) EB-2018-0243**	4		33.0
5	**Regulated Hydroelectric Actual Production (TWh)**	5	24.5	30.6
6	**Actual Production Variance for Regulated Hydroelectric Rider (TWh) EB-2016-0152** (line 3 - line 5)		0.6	(0.4)
7	**Actual Production Variance for Regulated Hydroelectric Rider (TWh) EB-2018-0243** (line 4 - line 5)			2.4
8	**Addition to Variance Account ($M) Rider-EB-2016-0152** (line 6 x line 1)		0.3	(0.6)
9	**Addition to Variance Account ($M) Rider-EB-2018-0243** (line 7 x line 2)			2.7
10	**Total Additions to Variance Account ($M)** (line 8 + line 9)		0.3	2.2

Notes:

1 From EB-2016-0152 Payment Amounts Order, App D, Table 1, line 14 col (e) and (f).

2 From EB-2018-0243 Decision and Payment Amounts Order, p. 5

3 From EB-2016-0152 Payment Amounts Order, App D, Table 1, line 13 cols. (e) and (f).

4 From EB-2018-0243 Ex. M1 Settlement Proposal, Attachment A, Table 1 line 18 col (i), which forms the basis of the payment amounts approved in the Decision and Payment Amounts Order dated February 21, 2019.

5 2018 actual production reflects 10 months from March 1, 2018, the effective date of rate rider recovery as per EB-2016-0152 PAO.

Numbers may not add due to rounding.

Table 9
Niagara Tunnel Project Pre-December 2008 Disallowance [1]
Summary of Account Transactions - 2018 and 2019 ($M)

Line No.	Particulars	Note	Actual 2018	Actual 2019
			(a)	(b)
	Capital Addition to Variance Account:			
1	**Actual Net Plant Rate Base Amount**	2	20.5	20.2
2	**Weighted Average Cost of Capital**	3	6.85%	6.85%
3	**Actual Cost of Capital Amount** (line 1 x line 2)		1.4	1.4
4	**Cost of Capital Variance**	1	1.4	1.4
5	**Forecast Depreciation**		0.0	0.0
6	**Actual Depreciation**		0.2	0.2
7	**Depreciation Variance** (line 6 - line 5)		0.2	0.2
	Income Tax Impact:			
8	**Forecast Capital Cost Allowance Deduction**		0.0	0.0
9	**Actual Capital Cost Allowance Deduction**		0.7	0.7
10	**Difference** (line 8 - line 9)		(0.7)	(0.7)
11	**Net Increase (Decrease) in Regulatory Taxable Income**	4	0.4	0.4
12	**Income Tax Rate**	5	25.00%	25.00%
13	**Income Tax Impact** (line 11 x line 12 / (1 - line 12))		0.1	0.1
14	**Capital Addition to Variance Account** (line 4 + line 7 + line 13)		1.8	1.7

Notes:

1 Account established as per OEB Decision and Order EB-2014-0369, effective November 1, 2014.

2 The continuity of the variation between the original Niagara Tunnel Project rate base disallowance of $28M

	Table to Note 2 - Niagara Tunnel Project Disallowance Continuity ($M)		
Line No.		2018	2019
		(a)	(b)
1a	Opening Balance	20.6	20.3
2a	In-Service	0.0	0.0
3a	Depreciation Expense	(0.2)	(0.2)
4a	Closing Balance	20.3	20.1
5a	Actual Net Plant Rate Base Amount (1a+ 4a)/ 2	20.5	20.2

3 Values in Cols. (a) and (b) per EB-2013-0321 Payment Amounts Order, App. A, Table 6b.

4 The increase in regulatory taxable income in col. (a) and (b) is calculated as the sum of lines 6 and 9, plus the ROE component of the cost of capital variance at line 4. The ROE component of the variance is equal to line 1 multiplied by the EB-2013-0152 OEB-approved equity portion (45%) of the capital structure, multiplied by the OEB-approved ROE rate of 9.30%.

5 From EB-2013-0321 Payment Amounts Order, App. A, Table 8, line 31.

Numbers may not add due to rounding.

Table 10
Nuclear Development Variance Account
Summary of Account Transactions - 2018 and 2019 ($M)

Line No.	Particulars	Note	Actual 2018	Actual 2019
			(a)	(b)
1	**Forecast Costs**	1	1.4	1.7
2	**Actual Costs**	2	2.4	5.0
3	**Addition to Variance Account** (line 2 - line 1)		1.0	3.3

Notes:

1 Cols. (a) and (b) as per EB-2016-0152 Payment Amounts Order, App. G, p. 15.

2 Includes $0.7M incurred in 2018 and 2019 in connection with prelminary planning and preparation activities for a small modular reactor generating station at the Darlington site. As noted in Ex. H1-2-1, Table 2, Note 12, OPG proposes to defer the clearance of this amount to a future application.

Numbers may not add due to rounding.

Table 11
Bruce Lease Net Revenues Variance Account
Summary of Account Transactions - 2018 and 2019 ($M)

Line No.	Particulars	Note	Actual 2018	Actual 2019
			(a)	(b)
1	**Actual Total Bruce Lease Net Revenues ($M)**	1	(19.6)	(26.5)
2	**Forecast Bruce Lease Net Revenue**	2	(7.3)	(20.6)
3	**Forecast Nuclear Production (TWh)**	3	38.5	39.0
4	**Rate Credited to (Recovered from) Customers ($/MWh)** (line 2 / line 3)		(0.19)	(0.5)
5	**Actual Nuclear Production (TWh)**	4	40.9	43.5
6	**Amount Credited to (Recovered from) Customers ($M)** (line 4 x line 5)		(7.7)	(23.0)
7	**Total Addition to Variance Account ($M)** (line 6 - line 1)		11.8	3.5

Notes:

1 From Ex. G2-2-1, Table 1, line 3, cols. (c) and (d).
2 Per EB-2016-0152 Payment Amounts Order, App. G, p. 16.
3 For col. (a) and (b), OEB-approved 2018 and 2019 nuclear production from EB-2016-0152 Payment Amounts Order, App. C, Table 1, line 2, cols. (b) and (c).
4 From Ex. E2-1-1, Table 1.

Numbers may not add due to rounding.

Table 12
Nuclear Deferral and Variance Over/Under Recovery Variance Account
Summary of Account Transactions - 2018 and 2019 ($M)

Line No.	Particulars	Note	Actual 2018	Actual 2019
			(a)	(b)
1	**Nuclear Rider ($/MWh)-EB-2016-0152**	1	1.05	2.8
2	**Nuclear Rider ($/MWh)-EB-2018-0243**	2		2.2
3	**Nuclear Production Forecast Used to Set Nuclear Rider (TWh)-EB-2016-0152**	3	31.3	39.0
4	**Nuclear Production Forecast Used to Set Nuclear Rider (TWh)-EB-2018-0243**	4		39.0
5	**Actual Nuclear Production (TWh)**	5	34.0	43.5
6	**Actual Production Variance for Nuclear Rider (TWh)** (line 3 - line 5)		(2.7)	(4.4)
7	**Actual Production Variance for Nuclear Rider (TWh)** (line 4 - line 5)			(4.4)
8	**Addition To Variance Account Rider-EB-2016-0152** (line 6 x line 1)		(2.9)	(12.4)
9	**Addition To Variance Account Rider-EB-2018-0243** (line 7 x line 2)			(9.7)
10	**Addition To Variance Account** (line 8 + line 9)		(2.9)	(22.1)

Notes:

1 From EB-2016-0152 Payment Amounts Order, App E, Table 1, line 18 col (e) and (f).
2 From EB-2018-0243 Decision and Payment Amounts Order, p. 5
3 From EB-2016-0152 Payment Amounts Order, App E, Table 1, line 17 col (e) and (f).
4 From EB-2018-0243, Ex. M1 Settlement Proposal, Attachment A, Table 2 line 22 col (i), which forms the basis of the payment amounts approved in the Decision and Payment Amounts Order dated February 21, 2019.
5 2018 actual production reflects 10 months from March 1, 2018, the effective date of rate rider recovery as per EB-2016-0152 PAO.

Numbers may not add due to rounding.

Table 13
Impact Resulting from Changes in Pickering End-of-Life Dates (December 31, 2017) Deferral Account
Summary of Account Transactions - 2018 and 2019 ($M)

Line No.	Description	Note	Actual 2018	Actual 2019	Budget 2020	Budget 2021
			(a)	(b)	(c)	(d)
			Note 1	Note 1	Note 1	Note 1
	Return on Rate Base:					
1	**Lesser of ARC and UNL**		6.8	6.4	6.0	3.4
2	**Non-ARC Rate Base**		3.7	11.4	20.2	22.1
3	**Total Return on Rate Base Impact** (line 1 + line 2)		10.5	17.8	26.3	25.4
	Depreciation Expense:					
4	**Asset Retirement Costs**		8.0	8.0	8.0	74.5
5	**Non-Asset Retirement Costs**		(114.9)	(122.1)	(154.3)	95.6
6	**Total Depreciation Expense Impact** (line 4 + line 5)		(106.8)	(114.1)	(146.3)	170.0
	Variable Expenses:					
7	**Used Fuel Storage and Disposal Variable Expenses**		4.2	5.1	3.9	3.9
8	**Low & Intermediate Level Waste Management Variable Expenses**	2	0.2	0.2	0.2	0.2
9	**Total Variable Expenses Impact** (line 7 + line 8)		4.4	5.3	4.1	4.1
	Income Taxes:					
10	**Return on Rate Base - Non-ARC Impact - Equity Portion Only** (line 2/6.5%*45% Equity Ratio*8.7% ROE) x (25%/75%)		0.8	2.3	4.1	4.5
11	**Depreciation Expense on Non-Asset Retirement Costs** (line 5 x (25%/75%))		(38.3)	(40.7)	(51.4)	31.9
12	**Total Non-ARC Income tax Impact**		(37.5)	(38.4)	(47.3)	36.4
13	**Return on Rate Base - Lesser of ARC and UNL** (line 1 x (25%/75%))		2.3	2.1	2.0	1.5
14	**Depreciation Expense on Asset Retirement Costs** (line 4 x (25%/75%))		2.7	2.7	2.7	24.8
15	**Used Fuel Storage and Disposal Variable Expenses** (line 7 x (25%/75%))		1.4	1.7	1.3	1.3
16	**Low & Intermediate Level Waste Management Variable Expenses** (line 8 x (25%/75%))		0.1	0.1	0.1	0.1
17	**Total Non-ARC Income tax Impact** (line 13 + line 14 + line 15 + line 16)		6.4	6.6	6.1	27.7
18	**Total Income Tax Impact** (line 12 + line 17)		(31.1)	(31.8)	(41.2)	64.0
19	**Total Revenue Requirement Impact -** (line 3 + line 6 + line 9 + line 18)		(123.0)	(122.8)	(157.1)	263.6
20	**Revenue Requirement Impact of Non-ARC Depreciation -** (line 2 + line 5 + line 12)		(148.6)	(149.1)	(181.4)	154.0
21	**Revenue Requirement Impact Excluding Non-ARC Depreciation -** (line 19 - line 20)		25.6	26.3	24.2	109.6

Notes:

1 Calculations follow the methodology in EB-2018-0002 Decision and Order, Schedule A. All amounts, with the exception of those discussed in Note 2, are per the response to OEB Staff Interrogatory #1 (EB-2018-0002, Schedule 1-Staff-1).

2 Excludes $0.22M and $0.29M of Low & Intermediate Level Waste Management Variable Expenses related to the Darlington Refurbishment Project as these impacts are captured in the capacity refurbishment variance account. The amount recorded in the Impact Resulting from Changes in Pickering End-of-Life Dates (December 31, 2017) Deferral Account has been calculated to avoid duplication.

Numbers may not add due to rounding.

Table 14
Scientific Research and Experimental Development ("SR&ED") Investment Tax Credits (ITCs) Variance Account
Summary of Account Transactions - 2018-2019 ($M)

Line No.	Particulars	Note	Actual 2018	Actual 2019
			(a)	(b)
	ADDITIONS BASED ON CURRENT YEAR TAX PROVISION			
1	**Forecast Annual SR&ED ITCs**	1	18.4	18.4
2	**Less Tax on Provincial Portion Taxable in Current Year**		(0.9)	(0.9)
3	**Less Tax on Federal ITC in Prior year**		(2.2)	(3.7)
4	**Forecast Annual SR&ED ITCs, net of Tax**		15.3	13.8
5	**Actual Annual SR&ED ITCs Recorded in the year**		25.4	22.6
6	**Less Tax on Provincial Portion Taxable in Current Year**		(1.2)	(1.1)
7	**Less Tax on Federal ITC in Prior year**		(3.3)	(4.5)
8	**Actual Annual SR&ED ITCs Recorded net of Tax**	2	20.9	16.9
9	**Addition to Variance Account based on CURRENT YEAR TAX PROVISIONS** ((line 4 - line 8) / (1-25%))		(7.4)	(4.2)
	TRUE UP ADJUSTMENTS BASED ON PRIOR YEARS' TAX RETURN PROCESSED			
10	**Actual Annual SR&ED ITCs Recorded net of Tax**	3	21.8	20.9
11	**Prior Year Actual Annual SR&ED ITCs per Tax Return in Current Year**		27.7	22.6
12	**Less Tax on Provincial Portion Taxable in Current Year**		(1.4)	(1.1)
13	**Less Tax on Federal ITC in Prior year**			(3.3)
14	**Prior Year Actual Annual 2017/18 SR&ED ITCs Recorded in Current Year, net of Tax**		26.4	18.2
15	**Final Actual Annual SR&ED ITCs for Prior Year, net of tax** (line 10 - line 14)	4	(2.7)	2.7
16	**True-Up SR&ED ITCs Adjustment to Variance Account for Prior Year in Current Year** (line 15 / (1-25%))		(3.6)	3.5
17	**Total Addition to Variance Account** (line 9 + line 16)		(11.0)	(0.7)

Notes:

1 Per EB-2016-0152 PAO, App. A, Table 2, line 23, col. (c) for 2018 and Table 3, line 23, col. (c) for 2019.

2 Represents the estimated values reflected in OPG's 2018 and 2019 audited consolidated financial statements. For 2018, the final value is determine in 2019 as part of the 2018 tax return, to be trued up through 2019 entries in the variance account. For 2019, the final value is determined in 2020 as part of the 2019 tax return, to be trued up through 2020 entries in the variance account.

3 2017 forecast annual SR&ED ITCs, net of tax of $21.8M as disclosed in EB-2018-0243, Ex. H1-1-1, Table 15, line 6.

4 Represents the final value determined in 2018 and 2019 as part of the filing of the 2017 and 2018 tax returns and trued up as part of the 2018 and 2019 entries in the variance account, respectively. 2018 is calculated as 7/12 representing Jun to Dec 2017.

Table 15
Capacity Refurbishment Variance Account - Nuclear - Non-Capital Portion
Summary of Account Transactions - 2016, 2017, 2018 and 2019 ($M)

Line No.	Particulars	Note	Actual 2016	Actual Jan - May 2017	Actual Jun - Dec 2017	(b) + (c) Actual 2017	Actual 2018	Actual 2019
	Non-Capital Portion - Non-DRP							
	Forecast Non-Capital Costs:							
1	**Fuel Channel Life Cycle Management Project**	1	3.7	1.5	0.0	1.5	0.0	0.0
2	**Pickering Continued Operations**	1	18.6	7.8	0.0	7.8	0.0	0.0
3	**Pickering Extended Operations**	1	0.0	0.0	14.9	14.9	55.3	107.1
4	**Fuel Channel Life Extension Project**	1	0.0	0.0	7.9	7.9	14.4	9.3
5	**FCLE Related Ongoing Costs**	1	0.0	0.0	4.7	4.7	31.6	33.6
6	**Darlington U3 Fuel Channel Component Retrieval Project**		0.0	0.0	0.0	0.0	0.0	0.0
7	**Darlington Spacer Retrieval Tooling Project**	1	0.0	0.0	3.2	3.2	1.4	0.0
8	**Darlington Spacer Life Management**		0.0	0.0	0.0	0.0	0.0	0.0
9	**Total** (lines 1 through 8)		22.3	9.3	30.7	40.1	102.7	150.0
	Actual Non-Capital Costs:	8						
10	**Fuel Channel Life Cycle Management Project**		0.3	0.0	0.0	0.0	0.0	0.0
11	**Pickering Continued Operations**	2	0.0	0.0	0.0	0.0	0.0	0.0
12	**Pickering Extended Operations**	2, 7	12.0	9.8	8.5	18.4	25.6	62.2
13	**Fuel Channel Life Extension Project**		14.9	4.5	6.5	11.0	8.1	3.9
14	**FCLE Related Ongoing Costs**		0.0	0.0	7.4	7.4	13.4	24.0
15	**Darlington U3 Fuel Channel Component Retrieval Project**		0.0	0.0	0.0	0.0	0.4	1.2
16	**Darlington Spacer Retrieval Tooling Project**	6	4.8	0.1	1.0	1.1	0.7	0.0
17	**Darlington Spacer Life Management**		0.0	0.0	0.0	0.0	6.9	3.7
18	**Total** (lines 10 through 17)		32.0	14.4	23.5	38.0	55.1	94.9
	Non-Capital Addition to Variance Account:							
19	**Fuel Channel Life Cycle Management Project** (line 10 - line 1)		(3.4)	(1.5)	0.0	(1.5)	0.0	0.0
20	**Pickering Continued Operations** (line 11 - line 2)		(18.6)	(7.8)	0.0	(7.8)	0.0	0.0
21	**Pickering Extended Operations** (line 12 - line 3)		12.0	9.8	(6.4)	3.4	(29.7)	(44.9)
22	**Fuel Channel Life Extension Project** (line 13 - line 4)		14.9	4.5	(1.4)	3.1	(6.3)	(5.4)
23	**FCLE Related Ongoing Costs** (line 14 - line 5)		0.0	0.0	2.7	2.7	(18.2)	(9.6)
24	**Darlington U3 Fuel Channel Component Retrieval Project** (line 15 - line 6)		0.0	0.0	0.0	0.0	0.4	1.2
25	**Darlington Spacer Retrieval Tooling Project** (line 16 - line 7)		4.8	0.1	(2.1)	(2.0)	(0.7)	0.0
26	**Darlington Spacer Life Management** (line 17 - line 8)		0.0	0.0	0.0	0.0	6.9	3.7
27	**Non-Capital Addition to Variance Account Before Adjustment** (lines 19 through 26)		9.8	5.2	(7.2)	(2.1)	(47.5)	(55.0)
28	**Less: EB-2013-0321 Impact Statement (Ex. N1) Adjustment - Non-DRP**	3	16.7	5.3	0.0	5.3	0.0	0.0
29	**Less: Fuel Channel Life Extension Project Reference Plan Error Correction Adjustment**	4	0.0	0.0	0.0	0.0	0.0	(23.7)
30	**Total Addition to Capacity Refurbishment Variance Account - Non-Capital Portion - Non-DRP** (line 27 - line 28 - line 29)		(7.0)	(0.1)	(7.2)	(7.3)	(47.5)	(31.3)
31	**Total Addition to Capacity Refurbishment Variance Account - Capital Portion - Non-DRP**	5	0.0	0.0	0.4	0.4	0.5	0.5
32	**Total Addition to Capacity Refurbishment Variance Account - Nuclear - Non-DRP** (line 30 + line 31)		(7.0)	(0.1)	(6.8)	(6.9)	(47.0)	(30.8)

Notes:

1 Forecast amounts determined per the notes tables below.
Cols. (a) though (d) are determined pursuant to the table below. Prior to the EB-2016-0152 effective date of June 1, 2017, the forecast amounts are maintained at the EB-2013-0321 annual average, determined at line 2a. The 2016 amounts in col. (a) include the full amount in line 2a, below. The January to May 2017 amounts in col. (b) are equal to the full-year amounts in line 2a, below, prorated for five months. The June to December 2017 amounts in col. (c) are equal to full-year 2017 amounts approved in EB-2016-0152, prorated for seven months (line 7a).

Business Plan Forecast Costs ($M)							
Line No.		Fuel Channel Life Cycle Mgmt Project	Pickering Continued Operations	Pickering Extended Operations	Fuel Channel Life Extension Project	FCLE Related Ongoing Costs	Darlington Spacer Retrieval Tooling Project
		(a)	(b)	(c)	(d)	(e)	(f)
1a	Total Forecast Costs (2014 & 2015) - EB-2013-0321	7.4	37.1		0.0		
2a	Average Annual Forecast from EB-2013-0321 ((line 1 / 24 months) x 12 months)	3.7	18.6		0.0		
3a	Prorated EB-2013-0321 Forecast Non-Capital Costs for Jan - May 2017 (line 2 / 12 months x 5 months)	1.5	7.8		0.0		
4a	2017 Full Year Forecast Non-Capital Costs - EB-2016-0152##			25.6	13.6	8.0	5.4
5a	Prorated EB-2016-0152 Forecast Non-Capital Costs for Jun - Dec 2017 (line 6 / 12 months x 7 months)			14.9	7.9	4.7	3.2
6a	2018 Full Year Forecast Non-Capital Costs - EB-2016-0152###	0.0	0.0	55.3	14.4	31.6	1.4
7a	2019 Full Year Forecast Non-Capital Costs - EB-2016-0152####	0.0	0.0	107.1	9.3	33.6	

As shown in EB-2016-0152, Ex. F2-1-1, Table 1, line 5, col. (e), and Ex. L, Tab 4.1-1, Staff-024.
As shown in EB-2016-0152, Ex. F2-1-1, Table 1, line 5, col. (f), and Ex. L-4.1-1, Staff-024.
As shown in EB-2016-0152, Ex. F2-1-1, Table 1, line 5, col. (g), and Ex. L-4.1-1, Staff-024.

2 Pickering Extended Operations includes Fuel Channel Life Assurance (FCLA) costs. This is consistent with presentation in EB-2016-0152, Ex. L-4.1-1, Staff-024.

3 The adjustments are per the EB-2013-0321 Payment Amounts Order (App. G, p.10), and EB-2014-0370 Payment Amounts Order (App B, p. 12) 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 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 Business Plan.

4 This adjustment corrects for the EB-2016-0152 FCLE reference amount error. As discussed in Ex. H1-1-1, Section 5.6, the EB-2016-0152 payment amounts order established reference amounts per EB-2016-0152, Ex. L-4.1-1 Staff-024 that included an updated FCLE Project cost forecast relative to OPG's pre-filed evidence. However, the nuclear revenue requirement approved by the OEB in EB-2016-0152 did not reflect the updated FCLE forecast.

Line No.	Fuel Channel Life Extension Project	2017 June - Dec +	2018	2019
1d	EB-2016-0152, Ex. L-4.1-1, Staff-024	7.9	14.4	9.3
2d	Ex. F2-3-2, Table 1a: line 11, col. (e); line 11, col. (i); line 28, col. (c).	7.2	0.7	0
3d	Difference (line 1d less line 2d)	0.7	13.7	9.3

+ Full-year amount of $13.6M prorated over 7 months equals $7.9M at line 1d. Full-year amount of $12.3M prorated over 7 months equals $7.2M at line 2d

5 Additions to the Capacity Refurbishment Variance Account - Capital Portion - Non-DRP represent capital costs associated with the Darlington Spacer Retrieval and Pickering Extended Operations projects.

6 2016 includes a catch up of $3.1M relating to 2015 spending on Darlington Spacer Retrieval Tooling Project that was not previously recorded in non capital CRVA

7 Includes $1.2M related to a non-CRVA eligible project that was inadvertently booked to the account in 2016. This amount will be corrected in 2020, inclusive of all interest as of the original date of booking.

8 Details for actual non-capital costs can be found at Ex. F2-2-1, Table 1, Ex. F2-3-1, Table 1, and Ex. F2-4-1, Table 1.

Numbers may not add due to rounding.

Table 16
Capacity Refurbishment Variance Account - Nuclear - D2O Storage and Drum Handling Facility Project
Summary of Account Transactions - 2016, 2017, 2018 and 2019 ($M)

Line No.	Particulars	Note	Actual 2016	Actual Jan - May 2017	Actual Jun - Dec 2017	(b) + (c) Actual 2017	Actual 2018	Actual 2019
			(a)	(b)	(c)	(d)	(e)	(f)
	Capital Addition to Variance Account:							
1	**Forecast Cost of Capital Amount**	1	0.7	0.3	0.5		0.9	0.8
2	**Actual Net Plant Rate Base Amount**	2	13.9	171.3	171.3		166.5	188.0
3	**Weighted Average Cost of Capital**		6.85%	6.85%	6.65%		6.50%	6.46%
4	**Actual Cost of Capital Amount**		1.0	4.9	6.6	11.5	10.8	12.1
5	**Cost of Capital Variance** (line 4 - line 1)		0.3	4.6	6.1	10.7	10.0	11.3
6	**Forecast Depreciation**	1	0.6	0.2	0.2	0.4	0.4	0.4
7	**Actual Depreciation**	2	0.4	2.0	2.8	4.8	4.8	5.6
8	**Depreciation Variance** (line 7 - line 6)		(0.2)	1.8	2.6	4.4	4.4	5.2
9	**Net (Decrease) Increase in Regulatory Taxable Income**		(0.0)	4.5	6.2	10.7	10.5	12.2
10	**Income Tax Rate**		25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
11	**Income Tax Impact** (line 13 x line 14 / (1 - line 14))		(0.0)	1.5	2.0	3.5	3.5	4.1
12	**Total Capital Additon to Variance Account - Nuclear** (line 16 - line 17)	3	0.1	7.9	10.7	18.6	17.9	20.6

Notes:

1 For cols. (a) to (f) the forecast amounts are determinded as follows:

Table to Note 1 - D2O Storage and Drum Handling Facility Forecast Capital Amounts - EB-2013-0321 and EB-2016-0152 ($M)

Line No.		2014	2015	((a)+(b)) / 2 Reference Amount	2016 (equal to col. (c))	(d)/12*5 Jan-May2017	(g)/12*7 Jun-Dec2017	EB-2016-0152 Full Year 2017	2018	2019
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1a	Forecast Net Plant Rate Base Amount *	0.0	20.3					13.7	13.3	12.9
2a	Weighted Average Cost of Capital **	6.86%	6.85%					6.65%	6.50%	6.46%
3a	Cost of Capital Forecast Amount (line 1a x line 2a)	0.0	1.4	0.7	0.7	0.3	0.5	0.9	0.9	0.8
4a	ROE Component of Cost of Capital Amount	0.0	0.8	0.4	0.4	0.2	0.3	0.5	0.5	0.5
5a	Depreciation	0.0	1.1	0.6	0.6	0.2	0.2	0.4	0.4	0.4

* Col. (b) from EB-2013-0321, Ex. L-4.9-1 Staff-048, p. 2, Chart 1 (as referred to in EB-2016-0152, Ex. L-2.2 Staff-009)
Cols. (g) to (i) as reflected in the EB-2016-0152 Payment Amounts Order.

** Cols. (a) and (b) from EB-2013-0321 Payment Amounts Order, App. A. Table 6b, col. (c), line 6. Cols. (g), (h) and (i) from EB-2016-0152 Payment Amounts Order, App.A, Tables 11-13, cols. (c), line 6.

2 Per EB-2016-0152, Ex. L-2.2 Staff-009, actual 2015 rate base of $14.3M and depreciation of $0.4M results in 2016 rate base of $13.9M. Rate base amount for 2017-19 is the net of B3-3-1 table 1 col (f) line 11,19, 27 and B3-4-1 table 1 col (e) line 11,19 and 27.

3 CCA is included with overall DRP and Capacity Refurbishment Variance - Nuclear - Accelerated Investment Incentive CCA-DRP balance.