Numbers may not add due to rounding.

Table 1
Annualized Residential Consumer Impact For Alternative A (0% WAPA Increase)
EB-2016-0152 to EB-2020-0290

Line No.	Description	2022 Amount	2023 Amount	2024 Amount	2025 Amount	2026 Amount	Average
		(a)	(b)	(c)	(d)	(e)	(f)
1	**Typical Consumption[1] (kWh/Month)**	737	737	737	737	737	737
2	**Typical Usage of OPG Generation (kWh/Month)** (line 1 x line 11)	363	350	364	347	299	344
3	**Typical Bill[1] ($/Month)**	115.11	115.11	115.11	115.11	115.11	115.11
4	**Typical Bill Impact ($/Month)** (line 2 x line 8 / 1000)	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
5	**Typical Bill Impact (%)** (line 4 / line 3)	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**	**0.0%**
6	Prior Year weighted average rate with proposed payment amounts and riders[2,3] ($/MWh)	71.76	71.76	71.76	71.76	71.76	71.76
7	Current Year weighted average rate with proposed payment amounts and riders[2,3] ($/MWh)	71.76	71.76	71.76	71.76	71.76	71.76
8	Change in OPG weighted average rate ($/MWh) (line 7 - line 6)	-	-	-	-	-	-
9	Total OPG Regulated Production[4] (TWh)	66.2	63.8	66.3	63.2	54.5	62.8
10	Forecast of 2021 Provincial Demand[5] (TWh)	134.3	134.3	134.3	134.3	134.3	134.3
11	OPG Proportion of Consumer Usage (line 9 / line 10)	49.3%	47.5%	49.3%	47.0%	40.6%	46.7%

Notes:

1 Typical monthly consumption (700 kWh) and typical monthly bill are based on the OEB "Bill Calculator" for estimating monthly electricity bills (using Time of Use pricing), available at: http://www.ontarioenergyboard.ca/OEB/Consumers/Electricity/Your+Electricity+Utility, accessed December 1, 2020
Typical Consumption includes line losses (Assumed loss factor of 1.0525)

2 From I1-03-Staff-344, Attachment 4, Table 2, line 9

3 Uses Nuclear smoothed rate per I1-03-Staff-344, Attachment 1, Table 1

4 From From I1-03-Staff-344, Attachment 4, Table 2 line 3 + line 6.

5 Based on forecast demand for 2021 (134.3 TWh) from Table 3-1 of IESO Reliability Outlook Update from July 2020 to December 2021, released June 2020.

Numbers may not add due to rounding.

Table 2
Computation of Percent Change in Payment Amounts For Alternative A (0% WAPA Increase)
EB-2016-0152/EB-2018-0243/EB-2020-0210 to EB-2020-0290

Line No.	Description	Note	2021	2022	2023	2024	2025	2026
			(a)	(b)	(c)	(d)	(e)	(f)
			Note 1	Note 2	Note 2	Note 2	Note 2	Note 2
1	**Hydroelectric Payment Amount (HPA) ($/MWh)**	1	43.88	43.88	43.88	43.88	43.88	43.88
2	**Hydroelectric Payment Rider (HPR) ($/MWh)**	2	2.05	1.33	1.33	1.33	0.69	0.69
3	**Hydroelectric Production Forecast (HPF) TWh**	3	33.0	33.0	33.0	33.0	33.0	33.0
4	**Nuclear Payment Amount (NPA) ($/MWh)**		89.70	95.79	97.64	95.72	95.96	105.72
5	**Nuclear Payment Rider (NPR) ($/MWh)**		6.13	2.34	2.52	2.33	5.50	7.72
6	**Nuclear Production Forecast (NPF) TWh**	4	35.4	33.2	30.8	33.3	30.2	21.5
7	**Regulated Hydroelectric Portion of Weighted Average Payment Amount ($/MWh)** (HPA + HPR) x HPF / (NPF+HPF)		22.15	22.53	23.37	22.49	23.27	26.97
8	**Nuclear Portion of Weighted Average Payment Amount ($/MWh)** (NPA + NPR) x NPF / (NPF+HPF)		49.61	49.23	48.39	49.26	48.49	44.79
9	**Weighted Average Payment Amount ($/MWh)** **(((NPA + NPR) x NPF) + (HPA + HPR) x HPF) / (NPF + HPF)**		71.76	71.76	71.76	71.76	71.76	71.76
10	**Percentage Change in Weighted Average Payment Amount (Year over Year)**			0.0%	0.0%	0.0%	0.0%	0.0%

Notes:

1 Per EB-2016-0152 / EB-2020-0210 Payment Amounts Orders plus EB-2018-0243 Riders
2 Per payment amounts and riders proposed in this application. Per O. Reg. 53/05 amendment, hydro rates frozen at 2021 amount approved in EB-2020-0210 for the 2022-2026 period.
3 Regulated Hydroelectric production is the 2014 and 2015 average OEB approved hydroelectric production per EB-2013-0321 Decision and Order P. 9, and EB-2016-0152 PAO, App. I, Table 2, line 3.
4 2021 per OEB-approved nuclear production amounts per EB-2016-0152 PAO App. C, Table 1, line 2. 2022-2026 Per Ex. E2-1-1 Table 1, line 3.

Table 3
Annualized Residential Consumer Impact For Alternative B (1% WAPA Increase)
EB-2016-0152 to EB-2020-0290

Line No.	Description	2022 Amount	2023 Amount	2024 Amount	2025 Amount	2026 Amount	Average
		(a)	(b)	(c)	(d)	(e)	(f)
1	**Typical Consumption[1] (kWh/Month)**	737	737	737	737	737	737
2	**Typical Usage of OPG Generation (kWh/Month)** (line 1 x line 11)	363	350	364	347	299	344
3	**Typical Bill[1] ($/Month)**	115.11	115.11	115.11	115.11	115.11	115.11
4	**Typical Bill Impact ($/Month)** (line 2 x line 8 / 1000)	**0.26**	**0.25**	**0.27**	**0.26**	**0.22**	**0.25**
5	**Typical Bill Impact (%)** (line 4 / line 3)	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**
6	Prior Year weighted average rate with proposed payment amounts and riders[2,3] ($/MWh)	71.76	72.48	73.20	73.93	74.67	73.21
7	Current Year weighted average rate with proposed payment amounts and riders[2,3] ($/MWh)	72.48	73.20	73.93	74.67	75.42	73.94
8	Change in OPG weighted average rate ($/MWh) (line 7 - line 6)	0.72	0.72	0.73	0.74	0.75	0.73
9	Total OPG Regulated Production[4] (TWh)	66.2	63.8	66.3	63.2	54.5	62.8
10	Forecast of 2021 Provincial Demand[5] (TWh)	134.3	134.3	134.3	134.3	134.3	134.3
11	OPG Proportion of Consumer Usage (line 9 / line 10)	49.3%	47.5%	49.3%	47.0%	40.6%	46.7%

Notes:

1 Typical monthly consumption (700 kWh) and typical monthly bill are based on the OEB "Bill Calculator" for estimating monthly electricity bills (using Time of Use pricing), available at: http://www.ontarioenergyboard.ca/OEB/Consumers/Electricity/Your+Electricity+Utility, accessed December 1, 2020
Typical Consumption includes line losses (Assumed loss factor of 1.0525)

2 From I1-03-Staff-344, Attachment 4, Table 4, line 9

3 Uses Nuclear smoothed rate per I1-03-Staff-344, Attachment 1, Table 2

4 From From I1-03-Staff-344, Attachment 4, Table 4 line 3 + line 6.

5 Based on forecast demand for 2021 (134.3 TWh) from Table 3-1 of IESO Reliability Outlook Update from July 2020 to December 2021, released June 2020.

Numbers may not add due to rounding.

Table 4
Computation of Percent Change in Payment Amounts For Alternative B (1% WAPA Increase)
EB-2016-0152/EB-2018-0243/EB-2020-0210 to EB-2020-0290

Line No.	Description	Note	2021	2022	2023	2024	2025	2026
			(a)	(b)	(c)	(d)	(e)	(f)
			Note 1	Note 2	Note 2	Note 2	Note 2	Note 2
1	**Hydroelectric Payment Amount (HPA) ($/MWh)**	1	43.88	43.88	43.88	43.88	43.88	43.88
2	**Hydroelectric Payment Rider (HPR) ($/MWh)**	2	2.05	1.33	1.33	1.33	0.69	0.69
3	**Hydroelectric Production Forecast (HPF) TWh**	3	33.0	33.0	33.0	33.0	33.0	33.0
4	**Nuclear Payment Amount (NPA) ($/MWh)**		89.70	97.22	100.63	100.05	102.06	114.99
5	**Nuclear Payment Rider (NPR) ($/MWh)**		6.13	2.34	2.52	2.33	5.50	7.72
6	**Nuclear Production Forecast (NPF) TWh**	4	35.4	33.2	30.8	33.3	30.2	21.5
7	**Regulated Hydroelectric Portion of Weighted Average Payment Amount ($/MWh)** (HPA + HPR) x HPF / (NPF+HPF)		22.15	22.53	23.37	22.49	23.27	26.97
8	**Nuclear Portion of Weighted Average Payment Amount ($/MWh)** (NPA + NPR) x NPF / (NPF+HPF)		49.61	49.95	49.84	51.44	51.41	48.44
9	**Weighted Average Payment Amount ($/MWh)** **(((NPA + NPR) x NPF) + (HPA + HPR) x HPF) / (NPF + HPF)**		71.76	72.48	73.20	73.93	74.67	75.42
10	**Percentage Change in Weighted Average Payment Amount (Year over Year)**			1.0%	1.0%	1.0%	1.0%	1.0%

Notes:

1 Per EB-2016-0152 / EB-2020-0210 Payment Amounts Orders plus EB-2018-0243 Riders
2 Per payment amounts and riders proposed in this application. Per O. Reg. 53/05 amendment, hydro rates frozen at 2021 amount approved in EB-2020-0210 for the 2022-2026 period.
3 Regulated Hydroelectric production is the 2014 and 2015 average OEB approved hydroelectric production per EB-2013-0321 Decision and Order P. 9, and EB-2016-0152 PAO, App. I, Table 2, line 3.
4 2021 per OEB-approved nuclear production amounts per EB-2016-0152 PAO App. C, Table 1, line 2. 2022-2026 Per Ex. E2-1-1 Table 1, line 3.

Numbers may not add due to rounding.

Table 5
Annualized Residential Consumer Impact For Alternative C (2% WAPA Increase)
EB-2016-0152 to EB-2020-0290

Line No.	Description	2022 Amount	2023 Amount	2024 Amount	2025 Amount	2026 Amount	Average
		(a)	(b)	(c)	(d)	(e)	(f)
1	**Typical Consumption[1] (kWh/Month)**	737	737	737	737	737	737
2	**Typical Usage of OPG Generation (kWh/Month)** (line 1 x line 11)	363	350	364	347	299	344
3	**Typical Bill[1] ($/Month)**	115.11	115.11	115.11	115.11	115.11	115.11
4	**Typical Bill Impact ($/Month)** (line 2 x line 8 / 1000)	**0.52**	**0.51**	**0.54**	**0.53**	**0.46**	**0.51**
5	**Typical Bill Impact (%)** (line 4 / line 3)	**0.5%**	**0.4%**	**0.5%**	**0.5%**	**0.4%**	**0.4%**
6	Prior Year weighted average rate with proposed payment amounts and riders[2,3] ($/MWh)	71.76	73.20	74.66	76.15	77.68	74.69
7	Current Year weighted average rate with proposed payment amounts and riders[2,3] ($/MWh)	73.20	74.66	76.15	77.68	79.23	76.18
8	Change in OPG weighted average rate ($/MWh) (line 7 - line 6)	1.44	1.46	1.49	1.52	1.55	1.49
9	Total OPG Regulated Production[4] (TWh)	66.2	63.8	66.3	63.2	54.5	62.8
10	Forecast of 2021 Provincial Demand[5] (TWh)	134.3	134.3	134.3	134.3	134.3	134.3
11	OPG Proportion of Consumer Usage (line 9 / line 10)	49.3%	47.5%	49.3%	47.0%	40.6%	46.7%

Notes:

1 Typical monthly consumption (700 kWh) and typical monthly bill are based on the OEB "Bill Calculator" for estimating monthly electricity bills (using Time of Use pricing), available at: http://www.ontarioenergyboard.ca/OEB/Consumers/Electricity/Your+Electricity+Utility, accessed December 1, 2020
Typical Consumption includes line losses (Assumed loss factor of 1.0525)

2 From I1-03-Staff-344, Attachment 4, Table 6, line 9

3 Uses Nuclear smoothed rate per I1-03-Staff-344, Attachment 1, Table 3

4 From From I1-03-Staff-344, Attachment 4, Table 6 line 3 + line 6.

5 Based on forecast demand for 2021 (134.3 TWh) from Table 3-1 of IESO Reliability Outlook Update from July 2020 to December 2021, released June 2020.

Numbers may not add due to rounding.

Table 6
Computation of Percent Change in Payment Amounts For Alternative C (2% WAPA Increase)
EB-2016-0152/EB-2018-0243/EB-2020-0210 to EB-2020-0290

Line No.	Description	Note	2021	2022	2023	2024	2025	2026
			(a)	(b)	(c)	(d)	(e)	(f)
			Note 1	Note 2	Note 2	Note 2	Note 2	Note 2
1	**Hydroelectric Payment Amount (HPA) ($/MWh)**	1	43.88	43.88	43.88	43.88	43.88	43.88
2	**Hydroelectric Payment Rider (HPR) ($/MWh)**	2	2.05	1.33	1.33	1.33	0.69	0.69
3	**Hydroelectric Production Forecast (HPF) TWh**	3	33.0	33.0	33.0	33.0	33.0	33.0
4	**Nuclear Payment Amount (NPA) ($/MWh)**		89.70	98.65	103.64	104.46	108.34	124.64
5	**Nuclear Payment Rider (NPR) ($/MWh)**		6.13	2.34	2.52	2.33	5.50	7.72
6	**Nuclear Production Forecast (NPF) TWh**	4	35.4	33.2	30.8	33.3	30.2	21.5
7	**Regulated Hydroelectric Portion of Weighted Average Payment Amount ($/MWh)** (HPA + HPR) x HPF / (NPF+HPF)		22.15	22.53	23.37	22.49	23.27	26.97
8	**Nuclear Portion of Weighted Average Payment Amount ($/MWh)** (NPA + NPR) x NPF / (NPF+HPF)		49.61	50.67	51.29	53.66	54.41	52.25
9	**Weighted Average Payment Amount ($/MWh)** **(((NPA + NPR) x NPF) + (HPA + HPR) x HPF) / (NPF + HPF)**		71.76	73.20	74.66	76.15	77.68	79.23
10	**Percentage Change in Weighted Average Payment Amount (Year over Year)**			2.0%	2.0%	2.0%	2.0%	2.0%

Notes:

1 Per EB-2016-0152 / EB-2020-0210 Payment Amounts Orders plus EB-2018-0243 Riders
2 Per payment amounts and riders proposed in this application. Per O. Reg. 53/05 amendment, hydro rates frozen at 2021 amount approved in EB-2020-0210 for the 2022-2026 period.
3 Regulated Hydroelectric production is the 2014 and 2015 average OEB approved hydroelectric production per EB-2013-0321 Decision and Order P. 9, and EB-2016-0152 PAO, App. I, Table 2, line 3.
4 2021 per OEB-approved nuclear production amounts per EB-2016-0152 PAO App. C, Table 1, line 2. 2022-2026 Per Ex. E2-1-1 Table 1, line 3.

Table 7
Annualized Residential Consumer Impact For Alternative D (3% WAPA Increase)
EB-2016-0152 to EB-2020-0290

Line No.	Description	2022 Amount	2023 Amount	2024 Amount	2025 Amount	2026 Amount	Average
		(a)	(b)	(c)	(d)	(e)	(f)
1	**Typical Consumption[1] (kWh/Month)**	737	737	737	737	737	737
2	**Typical Usage of OPG Generation (kWh/Month)** (line 1 x line 11)	363	350	364	347	299	344
3	**Typical Bill[1] ($/Month)**	115.11	115.11	115.11	115.11	115.11	115.11
4	**Typical Bill Impact ($/Month)** (line 2 x line 8 / 1000)	**0.78**	**0.78**	**0.83**	**0.82**	**0.72**	**0.79**
5	**Typical Bill Impact (%)** (line 4 / line 3)	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.6%**	**0.7%**
6	Prior Year weighted average rate with proposed payment amounts and riders[2,3] ($/MWh)	71.76	73.91	76.13	78.41	80.77	76.20
7	Current Year weighted average rate with proposed payment amounts and riders[2,3] ($/MWh)	73.91	76.13	78.41	80.77	83.19	78.48
8	Change in OPG weighted average rate ($/MWh) (line 7 - line 6)	2.15	2.22	2.28	2.35	2.42	2.29
9	Total OPG Regulated Production[4] (TWh)	66.2	63.8	66.3	63.2	54.5	62.8
10	Forecast of 2021 Provincial Demand[5] (TWh)	134.3	134.3	134.3	134.3	134.3	134.3
11	OPG Proportion of Consumer Usage (line 9 / line 10)	49.3%	47.5%	49.3%	47.0%	40.6%	46.7%

Notes:

1 Typical monthly consumption (700 kWh) and typical monthly bill are based on the OEB "Bill Calculator" for estimating monthly electricity bills (using Time of Use pricing), available at: http://www.ontarioenergyboard.ca/OEB/Consumers/Electricity/Your+Electricity+Utility, accessed December 1, 2020
Typical Consumption includes line losses (Assumed loss factor of 1.0525)

2 From I1-03-Staff-344, Attachment 4, Table 8, line 9

3 Uses Nuclear smoothed rate per I1-03-Staff-344, Attachment 1, Table 4

4 From From I1-03-Staff-344, Attachment 4, Table 8 line 3 + line 6.

5 Based on forecast demand for 2021 (134.3 TWh) from Table 3-1 of IESO Reliability Outlook Update from July 2020 to December 2021, released June 2020.

Numbers may not add due to rounding.

Table 8
Computation of Percent Change in Payment Amounts For Alternative D (3% WAPA Increase)
EB-2016-0152/EB-2018-0243/EB-2020-0210 to EB-2020-0290

Line No.	Description	Note	2021	2022	2023	2024	2025	2026
			(a)	(b)	(c)	(d)	(e)	(f)
			Note 1	Note 2	Note 2	Note 2	Note 2	Note 2
1	**Hydroelectric Payment Amount (HPA) ($/MWh)**	1	43.88	43.88	43.88	43.88	43.88	43.88
2	**Hydroelectric Payment Rider (HPR) ($/MWh)**	2	2.05	1.33	1.33	1.33	0.69	0.69
3	**Hydroelectric Production Forecast (HPF) TWh**	3	33.0	33.0	33.0	33.0	33.0	33.0
4	**Nuclear Payment Amount (NPA) ($/MWh)**		89.70	100.08	106.69	108.97	114.80	134.67
5	**Nuclear Payment Rider (NPR) ($/MWh)**		6.13	2.34	2.52	2.33	5.50	7.72
6	**Nuclear Production Forecast (NPF) TWh**	4	35.4	33.2	30.8	33.3	30.2	21.5
7	**Regulated Hydroelectric Portion of Weighted Average Payment Amount ($/MWh)** (HPA + HPR) x HPF / (NPF+HPF)		22.15	22.53	23.37	22.49	23.27	26.97
8	**Nuclear Portion of Weighted Average Payment Amount ($/MWh)** (NPA + NPR) x NPF / (NPF+HPF)		49.61	51.38	52.77	55.92	57.50	56.21
9	**Weighted Average Payment Amount ($/MWh)** **(((NPA + NPR) x NPF) + (HPA + HPR) x HPF) / (NPF + HPF)**		71.76	73.91	76.13	78.41	80.77	83.19
10	**Percentage Change in Weighted Average Payment Amount (Year over Year)**			3.0%	3.0%	3.0%	3.0%	3.0%

Notes:

1 Per EB-2016-0152 / EB-2020-0210 Payment Amounts Orders plus EB-2018-0243 Riders
2 Per payment amounts and riders proposed in this application. Per O. Reg. 53/05 amendment, hydro rates frozen at 2021 amount approved in EB-2020-0210 for the 2022-2026 period.
3 Regulated Hydroelectric production is the 2014 and 2015 average OEB approved hydroelectric production per EB-2013-0321 Decision and Order P. 9, and EB-2016-0152 PAO, App. I, Table 2, line 3.
4 2021 per OEB-approved nuclear production amounts per EB-2016-0152 PAO App. C, Table 1, line 2. 2022-2026 Per Ex. E2-1-1 Table 1, line 3.

Numbers may not add due to rounding.

Table 9
Annualized Residential Consumer Impact For Alternative E (OPG Proposal - Same as Ex. I1-1-2 Table 1)
EB-2016-0152 to EB-2020-0290

Line No.	Description	2022 Amount	2023 Amount	2024 Amount	2025 Amount	2026 Amount	Average
		(a)	(b)	(c)	(d)	(e)	(f)
1	**Typical Consumption[1] (kWh/Month)**	737	737	737	737	737	737
2	**Typical Usage of OPG Generation (kWh/Month)** (line 1 x line 11)	363	350	364	347	299	344
3	**Typical Bill[1] ($/Month)**	115.11	115.11	115.11	115.11	115.11	115.11
4	**Typical Bill Impact ($/Month)** (line 2 x line 8 / 1000)	**1.04**	**0.26**	**0.27**	**0.26**	**0.23**	**0.41**
5	**Typical Bill Impact (%)** (line 4 / line 3)	**0.9%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.4%**
6	Prior Year weighted average rate with proposed payment amounts and riders[2,3] ($/MWh)	71.76	74.63	75.38	76.13	76.89	74.96
7	Current Year weighted average rate with proposed payment amounts and riders[2,3] ($/MWh)	74.63	75.38	76.13	76.89	77.66	76.14
8	Change in OPG weighted average rate ($/MWh) (line 7 - line 6)	2.87	0.75	0.75	0.76	0.77	1.18
9	Total OPG Regulated Production[4] (TWh)	66.2	63.8	66.3	63.2	54.5	62.8
10	Forecast of 2021 Provincial Demand[5] (TWh)	134.3	134.3	134.3	134.3	134.3	134.3
11	OPG Proportion of Consumer Usage (line 9 / line 10)	49.3%	47.5%	49.3%	47.0%	40.6%	46.7%

Notes:

1 Typical monthly consumption (700 kWh) and typical monthly bill are based on the OEB "Bill Calculator" for estimating monthly electricity bills (using Time of Use pricing), available at: http://www.ontarioenergyboard.ca/OEB/Consumers/Electricity/Your+Electricity+Utility, accessed December 1, 2020
Typical Consumption includes line losses (Assumed loss factor of 1.0525)

2 From Ex. I1-1-2 Table 2, line 9

3 Uses Nuclear smoothed rate per Ex. I1-3-1 Table 1

4 From Ex. I1-1-2 Table 2, line 3 + line 6.

5 Based on forecast demand for 2021 (134.3 TWh) from Table 3-1 of IESO Reliability Outlook Update from July 2020 to December 2021, released June 2020.

Numbers may not add due to rounding.

Table 10
Computation of Percent Change in Payment Amounts For Alternative E (OPG Proposal - Same as Ex. I1-1-2 Table 2)
EB-2016-0152/EB-2018-0243/EB-2020-0210 to EB-2020-0290

Line No.	Description	Note	2021	2022	2023	2024	2025	2026
			(a)	(b)	(c)	(d)	(e)	(f)
			Note 1	Note 2	Note 2	Note 2	Note 2	Note 2
1	**Hydroelectric Payment Amount (HPA) ($/MWh)**	1	43.88	43.88	43.88	43.88	43.88	43.88
2	**Hydroelectric Payment Rider (HPR) ($/MWh)**	2	2.05	1.33	1.33	1.33	0.69	0.69
3	**Hydroelectric Production Forecast (HPF) TWh**	3	33.0	33.0	33.0	33.0	33.0	33.0
4	**Nuclear Payment Amount (NPA) ($/MWh)**		89.70	101.51	105.13	104.42	106.70	120.67
5	**Nuclear Payment Rider (NPR) ($/MWh)**		6.13	2.34	2.52	2.33	5.50	7.72
6	**Nuclear Production Forecast (NPF) TWh**	4	35.4	33.2	30.8	33.3	30.2	21.5
7	**Regulated Hydroelectric Portion of Weighted Average Payment Amount ($/MWh)** (HPA + HPR) x HPF / (NPF+HPF)		22.15	22.53	23.37	22.49	23.27	26.97
8	**Nuclear Portion of Weighted Average Payment Amount ($/MWh)** (NPA + NPR) x NPF / (NPF+HPF)		49.61	52.10	52.01	53.64	53.62	50.69
9	**Weighted Average Payment Amount ($/MWh)** **(((NPA + NPR) x NPF) + (HPA + HPR) x HPF) / (NPF + HPF)**		71.76	74.63	75.38	76.13	76.89	77.66
10	**Percentage Change in Weighted Average Payment Amount (Year over Year)**			4.0%	1.0%	1.0%	1.0%	1.0%

Notes:

1 Per EB-2016-0152 / EB-2020-0210 Payment Amounts Orders plus EB-2018-0243 Riders
2 Per payment amounts and riders proposed in this application. Per O. Reg. 53/05 amendment, hydro rates frozen at 2021 amount approved in EB-2020-0210 for the 2022-2026 period.
3 Regulated Hydroelectric production is the 2014 and 2015 average OEB approved hydroelectric production per EB-2013-0321 Decision and Order P. 9, and EB-2016-0152 PAO, App. I, Table 2, line 3.
4 2021 per OEB-approved nuclear production amounts per EB-2016-0152 PAO App. C, Table 1, line 2. 2022-2026 Per Ex. E2-1-1 Table 1, line 3.

Numbers may not add due to rounding.

Table 11
Annualized Residential Consumer Impact For Alternative F (Staff - No Deferral)
EB-2016-0152 to EB-2020-0290

Line No.	Description	2022 Amount	2023 Amount	2024 Amount	2025 Amount	2026 Amount	Average
		(a)	(b)	(c)	(d)	(e)	(f)
1	**Typical Consumption[1] (kWh/Month)**	737	737	737	737	737	737
2	**Typical Usage of OPG Generation (kWh/Month)** (line 1 x line 11)	363	350	364	347	299	344
3	**Typical Bill[1] ($/Month)**	115.11	115.11	115.11	115.11	115.11	115.11
4	**Typical Bill Impact ($/Month)** (line 2 x line 8 / 1000)	**2.36**	**0.63**	**(0.52)**	**(0.04)**	**(0.51)**	**0.38**
5	**Typical Bill Impact (%)** (line 4 / line 3)	**2.1%**	**0.5%**	**-0.5%**	**0.0%**	**-0.4%**	**0.3%**
6	Prior Year weighted average rate with proposed payment amounts and riders[2,3] ($/MWh)	71.76	78.27	80.08	78.65	78.53	77.46
7	Current Year weighted average rate with proposed payment amounts and riders[2,3] ($/MWh)	78.27	80.08	78.65	78.53	76.84	78.47
8	Change in OPG weighted average rate ($/MWh) (line 7 - line 6)	6.51	1.81	(1.43)	(0.12)	(1.69)	1.02
9	Total OPG Regulated Production[4] (TWh)	66.2	63.8	66.3	63.2	54.5	62.8
10	Forecast of 2021 Provincial Demand[5] (TWh)	134.3	134.3	134.3	134.3	134.3	134.3
11	OPG Proportion of Consumer Usage (line 9 / line 10)	49.3%	47.5%	49.3%	47.0%	40.6%	46.7%

Notes:

1 Typical monthly consumption (700 kWh) and typical monthly bill are based on the OEB "Bill Calculator" for estimating monthly electricity bills (using Time of Use pricing), available at: http://www.ontarioenergyboard.ca/OEB/Consumers/Electricity/Your+Electricity+Utility, accessed December 1, 2020
Typical Consumption includes line losses (Assumed loss factor of 1.0525)

2 From I1-03-Staff-344, Attachment 4, Table 12, line 9

3 Uses Nuclear smoothed rate per I1-03-Staff-344, Attachment 3, Table 2

4 From From I1-03-Staff-344, Attachment 4, Table 12 line 3 + line 6.

5 Based on forecast demand for 2021 (134.3 TWh) from Table 3-1 of IESO Reliability Outlook Update from July 2020 to December 2021, released June 2020.

Numbers may not add due to rounding.

Table 12
Computation of Percent Change in Payment Amounts For Alternative F (Staff - No Deferral)
EB-2016-0152/EB-2018-0243/EB-2020-0210 to EB-2020-0290

Line No.	Description	Note	2021	2022	2023	2024	2025	2026
			(a)	(b)	(c)	(d)	(e)	(f)
			Note 1	Note 2	Note 2	Note 2	Note 2	Note 2
1	**Hydroelectric Payment Amount (HPA) ($/MWh)**	1	43.88	43.88	43.88	43.88	43.88	43.88
2	**Hydroelectric Payment Rider (HPR) ($/MWh)**	2	2.05	1.33	1.33	1.33	0.69	0.69
3	**Hydroelectric Production Forecast (HPF) TWh**	3	33.0	33.0	33.0	33.0	33.0	33.0
4	**Nuclear Payment Amount (NPA) ($/MWh)**	5	89.70	108.78	114.86	109.44	110.12	118.59
5	**Nuclear Payment Rider (NPR) ($/MWh)**	6	6.13	2.34	2.52	2.33	5.50	7.72
6	**Nuclear Production Forecast (NPF) TWh**	4	35.4	33.2	30.8	33.3	30.2	21.5
7	**Regulated Hydroelectric Portion of Weighted Average Payment Amount ($/MWh)** (HPA + HPR) x HPF / (NPF+HPF)		22.15	22.53	23.37	22.49	23.27	26.97
8	**Nuclear Portion of Weighted Average Payment Amount ($/MWh)** (NPA + NPR) x NPF / (NPF+HPF)		49.61	55.75	56.71	56.16	55.26	49.87
9	**Weighted Average Payment Amount ($/MWh)** **(((NPA + NPR) x NPF) + (HPA + HPR) x HPF) / (NPF + HPF)**		71.76	78.27	80.08	78.65	78.53	76.84
10	**Percentage Change in Weighted Average Payment Amount (Year over Year)**			9.1%	2.3%	-1.8%	-0.2%	-2.2%

Notes:

1 Per EB-2016-0152 / EB-2020-0210 Payment Amounts Orders plus EB-2018-0243 Riders
2 Per payment amounts and riders proposed in this application. Per O. Reg. 53/05 amendment, hydro rates frozen at 2021 amount approved in EB-2020-0210 for the 2022-2026 period.
3 Regulated Hydroelectric production is the 2014 and 2015 average OEB approved hydroelectric production per EB-2013-0321 Decision and Order P. 9, and EB-2016-0152 PAO, App. I, Table 2, line 3.
4 2021 per OEB-approved nuclear production amounts per EB-2016-0152 PAO App. C, Table 1, line 2. 2022-2026 Per Ex. E2-1-1 Table 1, line 3.
5 Per Ex. L I1-03-Staff-344, Attachment 3, Table 2
6 Per Ex. H1-2-1 Table 2

Numbers may not add due to rounding.

Table 13
Annualized Residential Consumer Impact For Alternative G (Staff - Only Defer 2022)
EB-2016-0152 to EB-2020-0290

Line No.	Description	2022 Amount	2023 Amount	2024 Amount	2025 Amount	2026 Amount	Average
		(a)	(b)	(c)	(d)	(e)	(f)
1	**Typical Consumption[1] (kWh/Month)**	737	737	737	737	737	737
2	**Typical Usage of OPG Generation (kWh/Month)** (line 1 x line 11)	363	350	364	347	299	344
3	**Typical Bill[1] ($/Month)**	115.11	115.11	115.11	115.11	115.11	115.11
4	**Typical Bill Impact ($/Month)** (line 2 x line 8 / 1000)	**1.04**	**1.91**	**(0.52)**	**(0.04)**	**(0.51)**	**0.38**
5	**Typical Bill Impact (%)** (line 4 / line 3)	**0.9%**	**1.7%**	**-0.5%**	**0.0%**	**-0.4%**	**0.3%**
6	Prior Year weighted average rate with proposed payment amounts and riders[2,3] ($/MWh)	71.76	74.63	80.08	78.65	78.53	76.73
7	Current Year weighted average rate with proposed payment amounts and riders[2,3] ($/MWh)	74.63	80.08	78.65	78.53	76.84	77.75
8	Change in OPG weighted average rate ($/MWh) (line 7 - line 6)	2.87	5.45	(1.43)	(0.12)	(1.69)	1.02
9	Total OPG Regulated Production[4] (TWh)	66.2	63.8	66.3	63.2	54.5	62.8
10	Forecast of 2021 Provincial Demand[5] (TWh)	134.3	134.3	134.3	134.3	134.3	134.3
11	OPG Proportion of Consumer Usage (line 9 / line 10)	49.3%	47.5%	49.3%	47.0%	40.6%	46.7%

Notes:

1 Typical monthly consumption (700 kWh) and typical monthly bill are based on the OEB "Bill Calculator" for estimating monthly electricity bills (using Time of Use pricing), available at: http://www.ontarioenergyboard.ca/OEB/Consumers/Electricity/Your+Electricity+Utility, accessed December 1, 2020
Typical Consumption includes line losses (Assumed loss factor of 1.0525)

2 From I1-03-Staff-344, Attachment 4, Table 14, line 9

3 Uses Nuclear smoothed rate per I1-03-Staff-344, Attachment 3, Table 3

4 From From I1-03-Staff-344, Attachment 4, Table 14 line 3 + line 6.

5 Based on forecast demand for 2021 (134.3 TWh) from Table 3-1 of IESO Reliability Outlook Update from July 2020 to December 2021, released June 2020.

Numbers may not add due to rounding.

Table 14
Computation of Percent Change in Payment Amounts For Alternative G (Staff - Only Defer 2022)
EB-2016-0152/EB-2018-0243/EB-2020-0210 to EB-2020-0290

Line No.	Description	Note	2021	2022	2023	2024	2025	2026
			(a)	(b)	(c)	(d)	(e)	(f)
			Note 1	Note 2	Note 2	Note 2	Note 2	Note 2
1	**Hydroelectric Payment Amount (HPA) ($/MWh)**	1	43.88	43.88	43.88	43.88	43.88	43.88
2	**Hydroelectric Payment Rider (HPR) ($/MWh)**	2	2.05	1.33	1.33	1.33	0.69	0.69
3	**Hydroelectric Production Forecast (HPF) TWh**	3	33.0	33.0	33.0	33.0	33.0	33.0
4	**Nuclear Payment Amount (NPA) ($/MWh)**	5	89.70	101.51	114.86	109.44	110.12	118.59
5	**Nuclear Payment Rider (NPR) ($/MWh)**	6	6.13	2.34	2.52	2.33	5.50	7.72
6	**Nuclear Production Forecast (NPF) TWh**	4	35.4	33.2	30.8	33.3	30.2	21.5
7	**Regulated Hydroelectric Portion of Weighted Average Payment Amount ($/MWh)** (HPA + HPR) x HPF / (NPF+HPF)		22.15	22.53	23.37	22.49	23.27	26.97
8	**Nuclear Portion of Weighted Average Payment Amount ($/MWh)** (NPA + NPR) x NPF / (NPF+HPF)		49.61	52.10	56.71	56.16	55.26	49.87
9	**Weighted Average Payment Amount ($/MWh)** **(((NPA + NPR) x NPF) + (HPA + HPR) x HPF) / (NPF + HPF)**		71.76	74.63	80.08	78.65	78.53	76.84
10	**Percentage Change in Weighted Average Payment Amount (Year over Year)**			4.0%	7.3%	-1.8%	-0.2%	-2.2%

Notes:

1 Per EB-2016-0152 / EB-2020-0210 Payment Amounts Orders plus EB-2018-0243 Riders
2 Per payment amounts and riders proposed in this application. Per O. Reg. 53/05 amendment, hydro rates frozen at 2021 amount approved in EB-2020-0210 for the 2022-2026 period.
3 Regulated Hydroelectric production is the 2014 and 2015 average OEB approved hydroelectric production per EB-2013-0321 Decision and Order P. 9, and EB-2016-0152 PAO, App. I, Table 2, line 3.
4 2021 per OEB-approved nuclear production amounts per EB-2016-0152 PAO App. C, Table 1, line 2. 2022-2026 Per Ex. E2-1-1 Table 1, line 3.
5 Per Ex. L I1-03-Staff-344, Attachment 3, Table 3
6 Per Ex. H1-2-1 Table 2

Table 15
Annualized Residential Consumer Impact For Alternative H (Staff - Cap Interest at $500M)
EB-2016-0152 to EB-2020-0290

Line No.	Description	2022 Amount	2023 Amount	2024 Amount	2025 Amount	2026 Amount	Average
		(a)	(b)	(c)	(d)	(e)	(f)
1	**Typical Consumption[1] (kWh/Month)**	737	737	737	737	737	737
2	**Typical Usage of OPG Generation (kWh/Month)** (line 1 x line 11)	363	350	364	347	299	344
3	**Typical Bill[1] ($/Month)**	115.11	115.11	115.11	115.11	115.11	115.11
4	**Typical Bill Impact ($/Month)** (line 2 x line 8 / 1000)	**0.66**	**0.66**	**0.70**	**0.68**	**0.60**	**0.66**
5	**Typical Bill Impact (%)** (line 4 / line 3)	**0.6%**	**0.6%**	**0.6%**	**0.6%**	**0.5%**	**0.6%**
6	Prior Year weighted average rate with proposed payment amounts and riders[2,3] ($/MWh)	71.76	73.59	75.47	77.39	79.36	75.51
7	Current Year weighted average rate with proposed payment amounts and riders[2,3] ($/MWh)	73.59	75.47	77.39	79.36	81.39	77.44
8	Change in OPG weighted average rate ($/MWh) (line 7 - line 6)	1.83	1.88	1.92	1.97	2.02	1.93
9	Total OPG Regulated Production[4] (TWh)	66.2	63.8	66.3	63.2	54.5	62.8
10	Forecast of 2021 Provincial Demand[5] (TWh)	134.3	134.3	134.3	134.3	134.3	134.3
11	OPG Proportion of Consumer Usage (line 9 / line 10)	49.3%	47.5%	49.3%	47.0%	40.6%	46.7%

Notes:

1 Typical monthly consumption (700 kWh) and typical monthly bill are based on the OEB "Bill Calculator" for estimating monthly electricity bills (using Time of Use pricing), available at: http://www.ontarioenergyboard.ca/OEB/Consumers/Electricity/Your+Electricity+Utility, accessed December 1, 2020
Typical Consumption includes line losses (Assumed loss factor of 1.0525)

2 From I1-03-Staff-344, Attachment 4, Table 16, line 9

3 Uses Nuclear smoothed rate per I1-03-Staff-344, Attachment 3, Table 4

4 From From I1-03-Staff-344, Attachment 4, Table 16 line 3 + line 6.

5 Based on forecast demand for 2021 (134.3 TWh) from Table 3-1 of IESO Reliability Outlook Update from July 2020 to December 2021, released June 2020.

Numbers may not add due to rounding.

Table 16
Computation of Percent Change in Payment Amounts For Alternative H (Staff - Cap Interest at $500M)
EB-2016-0152/EB-2018-0243/EB-2020-0210 to EB-2020-0290

Line No.	Description	Note	2021	2022	2023	2024	2025	2026
			(a)	(b)	(c)	(d)	(e)	(f)
			Note 1	Note 2	Note 2	Note 2	Note 2	Note 2
1	**Hydroelectric Payment Amount (HPA) ($/MWh)**	1	43.88	43.88	43.88	43.88	43.88	43.88
2	**Hydroelectric Payment Rider (HPR) ($/MWh)**	2	2.05	1.33	1.33	1.33	0.69	0.69
3	**Hydroelectric Production Forecast (HPF) TWh**	3	33.0	33.0	33.0	33.0	33.0	33.0
4	**Nuclear Payment Amount (NPA) ($/MWh)**	5	89.70	99.44	105.31	106.93	111.87	130.11
5	**Nuclear Payment Rider (NPR) ($/MWh)**	6	6.13	2.34	2.52	2.33	5.50	7.72
6	**Nuclear Production Forecast (NPF) TWh**	4	35.4	33.2	30.8	33.3	30.2	21.5
7	**Regulated Hydroelectric Portion of Weighted Average Payment Amount ($/MWh)** (HPA + HPR) x HPF / (NPF+HPF)		22.15	22.53	23.37	22.49	23.27	26.97
8	**Nuclear Portion of Weighted Average Payment Amount ($/MWh)** (NPA + NPR) x NPF / (NPF+HPF)		49.61	51.06	52.10	54.90	56.10	54.41
9	**Weighted Average Payment Amount ($/MWh)** **(((NPA + NPR) x NPF) + (HPA + HPR) x HPF) / (NPF + HPF)**		71.76	73.59	75.47	77.39	79.36	81.39
10	**Percentage Change in Weighted Average Payment Amount (Year over Year)**			2.55%	2.55%	2.55%	2.55%	2.55%

Notes:

1 Per EB-2016-0152 / EB-2020-0210 Payment Amounts Orders plus EB-2018-0243 Riders
2 Per payment amounts and riders proposed in this application. Per O. Reg. 53/05 amendment, hydro rates frozen at 2021 amount approved in EB-2020-0210 for the 2022-2026 period.
3 Regulated Hydroelectric production is the 2014 and 2015 average OEB approved hydroelectric production per EB-2013-0321 Decision and Order P. 9, and EB-2016-0152 PAO, App. I, Table 2, line 3.
4 2021 per OEB-approved nuclear production amounts per EB-2016-0152 PAO App. C, Table 1, line 2. 2022-2026 Per Ex. E2-1-1 Table 1, line 3.
5 Per Ex. L I1-03-Staff-344, Attachment 3, Table 4
6 Per Ex. H1-2-1 Table 2

Table 17
Annualized Residential Consumer Impact For Alternative I (Staff - Cap Interest at $500M & Maintain OPG Credit Metrics)
EB-2016-0152 to EB-2020-0290

Line No.	Description	2022 Amount	2023 Amount	2024 Amount	2025 Amount	2026 Amount	Average
		(a)	(b)	(c)	(d)	(e)	(f)
1	**Typical Consumption[1] (kWh/Month)**	737	737	737	737	737	737
2	**Typical Usage of OPG Generation (kWh/Month)** (line 1 x line 11)	363	350	364	347	299	344
3	**Typical Bill[1] ($/Month)**	115.11	115.11	115.11	115.11	115.11	115.11
4	**Typical Bill Impact ($/Month)** (line 2 x line 8 / 1000)	**1.04**	**0.44**	**0.47**	**0.45**	**0.40**	**0.56**
5	**Typical Bill Impact (%)** (line 4 / line 3)	**0.9%**	**0.4%**	**0.4%**	**0.4%**	**0.3%**	**0.5%**
6	Prior Year weighted average rate with proposed payment amounts and riders[2,3] ($/MWh)	71.76	74.63	75.90	77.19	78.50	75.60
7	Current Year weighted average rate with proposed payment amounts and riders[2,3] ($/MWh)	74.63	75.90	77.19	78.50	79.84	77.21
8	Change in OPG weighted average rate ($/MWh) (line 7 - line 6)	2.87	1.27	1.29	1.31	1.33	1.62
9	Total OPG Regulated Production[4] (TWh)	66.2	63.8	66.3	63.2	54.5	62.8
10	Forecast of 2021 Provincial Demand[5] (TWh)	134.3	134.3	134.3	134.3	134.3	134.3
11	OPG Proportion of Consumer Usage (line 9 / line 10)	49.3%	47.5%	49.3%	47.0%	40.6%	46.7%

Notes:

1 Typical monthly consumption (700 kWh) and typical monthly bill are based on the OEB "Bill Calculator" for estimating monthly electricity bills (using Time of Use pricing), available at: http://www.ontarioenergyboard.ca/OEB/Consumers/Electricity/Your+Electricity+Utility, accessed December 1, 2020
Typical Consumption includes line losses (Assumed loss factor of 1.0525)

2 From I1-03-Staff-344, Attachment 4, Table 18, line 9

3 Uses Nuclear smoothed rate per I1-03-Staff-344, Attachment 3, Table 5

4 From From I1-03-Staff-344, Attachment 4, Table 18 line 3 + line 6.

5 Based on forecast demand for 2021 (134.3 TWh) from Table 3-1 of IESO Reliability Outlook Update from July 2020 to December 2021, released June 2020.

Numbers may not add due to rounding.

Table 18
Computation of Percent Change in Payment Amounts For Alternative I (Staff - Cap Interest at $500M & Maintain OPG Credit Metrics)
EB-2016-0152/EB-2018-0243/EB-2020-0210 to EB-2020-0290

Line No.	Description	Note	2021	2022	2023	2024	2025	2026
			(a)	(b)	(c)	(d)	(e)	(f)
			Note 1	Note 2	Note 2	Note 2	Note 2	Note 2
1	**Hydroelectric Payment Amount (HPA) ($/MWh)**	1	43.88	43.88	43.88	43.88	43.88	43.88
2	**Hydroelectric Payment Rider (HPR) ($/MWh)**	2	2.05	1.33	1.33	1.33	0.69	0.69
3	**Hydroelectric Production Forecast (HPF) TWh**	3	33.0	33.0	33.0	33.0	33.0	33.0
4	**Nuclear Payment Amount (NPA) ($/MWh)**	5	89.70	101.51	106.21	106.53	110.07	126.18
5	**Nuclear Payment Rider (NPR) ($/MWh)**	6	6.13	2.34	2.52	2.33	5.50	7.72
6	**Nuclear Production Forecast (NPF) TWh**	4	35.4	33.2	30.8	33.3	30.2	21.5
7	**Regulated Hydroelectric Portion of Weighted Average Payment Amount ($/MWh)** (HPA + HPR) x HPF / (NPF+HPF)		22.15	22.53	23.37	22.49	23.27	26.97
8	**Nuclear Portion of Weighted Average Payment Amount ($/MWh)** (NPA + NPR) x NPF / (NPF+HPF)		49.61	52.10	52.53	54.70	55.24	52.86
9	**Weighted Average Payment Amount ($/MWh)** **(((NPA + NPR) x NPF) + (HPA + HPR) x HPF) / (NPF + HPF)**		71.76	74.63	75.90	77.19	78.50	79.84
10	**Percentage Change in Weighted Average Payment Amount (Year over Year)**			4.00%	1.70%	1.70%	1.70%	1.70%

Notes:

1 Per EB-2016-0152 / EB-2020-0210 Payment Amounts Orders plus EB-2018-0243 Riders
2 Per payment amounts and riders proposed in this application. Per O. Reg. 53/05 amendment, hydro rates frozen at 2021 amount approved in EB-2020-0210 for the 2022-2026 period.
3 Regulated Hydroelectric production is the 2014 and 2015 average OEB approved hydroelectric production per EB-2013-0321 Decision and Order P. 9, and EB-2016-0152 PAO, App. I, Table 2, line 3.
4 2021 per OEB-approved nuclear production amounts per EB-2016-0152 PAO App. C, Table 1, line 2. 2022-2026 Per Ex. E2-1-1 Table 1, line 3.
5 Per Ex. L I1-03-Staff-344, Attachment 3, Table 5
6 Per Ex. H1-2-1 Table 2