CONSUMER IMPACT

1.0 PURPOSE

This evidence describes the estimated impact of the proposed payment amounts and payment rider changes on a residential electricity consumer consuming at the 750 kWh per month level (the "typical consumer").

2.0 CONSUMER IMPACT

The Application has calculated the weighted average of regulated hydroelectric and shaped nuclear payment amounts and payment amount riders, weighted by forecast production to be $110.03/MWh for 2027, $118.62/MWh for 2028, $123.42/MWh for 2029, $125.83/MWh for 2030, and $141.02/MWh for 2031.[1,2]

The annual change in weighted average payment amounts and riders is applied to the typical consumer's usage of OPG's regulated hydroelectric and regulated nuclear facilities and the DNNP facilities, after adjusting for line losses and accounting for these facilities' share of the province's generation. Typical consumer data is based on the average electricity distributor bill information provided on the OEB's website at:
https://www.oeb.ca/consumer-protection/energy-contracts/bill-calculator

The estimated monthly consumer bill impacts associated with the revenue requirements and clearance of deferral and variance accounts are reflected in Chart 1, as calculated in Ex. I1-1-2, Table 1.

Chart 1 - Annualized Residential Consumer Impact

	2027	2028	2029	2030	2031
Typical Bill ($/Month)	$142.10	$142.10	$142.10	$142.10	$142.10
Typical Bill Impact ($/Month)	$7.93	$2.44	$1.33	$0.69	$4.62
Typical Bill Impact (%)	5.6%	1.7%	0.9%	0.5%	3.3%

[1] Includes shaped 2027-2031 nuclear payment amounts applicable to OPG's nuclear facilities and the DNNP facilities, as illustrated in Ex. I1-3-1, Table 1. An illustrative regulated hydroelectric payment amount is used for the 2028-2031 period, using the proposed ratemaking methodology, as per Ex. I1-2-1.
[2] Determination of weighted average payment amounts per Ex. I-1-2, Table 2.

Table 1
Annualized Residential Consumer Impact
EB-2020-0290/EB-2023-0336 to EB-2025-0297

Line No.	Description	2027 Amount	2028 Amount	2029 Amount	2030 Amount	2031 Amount	2027-2031 Average
		(a)	(b)	(c)	(d)	(e)	(f)
1	**Typical Consumption[1] (kWh/Month)**	787	787	787	787	787	787
2	**Typical Usage of OPG and DNNP LP Generation (kWh/Month)** (line 1 x line 11)	246	284	276	287	304	280
3	**Typical Bill[1] ($/Month)**	142.10	142.10	142.10	142.10	142.10	142.10
4	**Typical Bill Impact ($/Month)** (line 2 x line 8 / 1000)	7.93	2.44	1.33	0.69	4.62	3.40
5	**Typical Bill Impact (%)** (line 4 / line 3)	5.6%	1.7%	0.9%	0.5%	3.3%	2.4%
6	Prior Year weighted average rate with proposed payment amounts and riders[2,3] ($/MWh)	77.75	110.03	118.62	123.42	125.83	
7	Current Year weighted average rate with proposed payment amounts and riders[2,3] ($/MWh)	110.03	118.62	123.42	125.83	141.02	
8	Change in weighted average rate ($/MWh) (line 7 - line 6)	32.28	8.59	4.80	2.41	15.19	
9	Total Regulated Production[4] (TWh)	51.2	59.2	57.5	59.8	63.3	
10	Forecast of 2027 Provincial Demand[5] (TWh)	163.9	163.9	163.9	163.9	163.9	
11	OPG and DNNP LP Proportion of Consumer Usage (line 9 / line 10)	31.2%	36.1%	35.1%	36.5%	38.6%	

Notes:

1 Typical monthly consumption (750 kWh) and typical monthly bill are based on the OEB "Bill Calculator" for estimating monthly electricity bills (using Time of Use pricing), available at: https://www.oeb.ca/consumer-information-and-protection/bill-calculator, accessed November 20, 2025. Typical Consumption includes line losses (Average loss factor of utility rate zones = 1.04996)

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

3 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 2027 (163.9 TWh) from Figure 2 of IESO Annual Planning Outlook, released April 2025.

Numbers may not add due to rounding.

Table 2
Computation of Percent Change in Payment Amounts
EB-2020-0290/EB-2023-0336 to EB-2025-0297

Line No.	Description	Note	2026	2027	2028	2029	2030	2031
			(a)	(b)	(c)	(d)	(e)	(f)
			Note 1	Note 2	Note 2	Note 2	Note 2	Note 2
1	**Hydroelectric Payment Amount (HPA) ($/MWh)**	3	43.88	51.39	54.97	59.20	62.02	64.21
2	**Hydroelectric Payment Rider (HPR) ($/MWh)**	4	3.30	(1.17)	(1.17)	(1.17)	0.00	0.00
3	**Hydroelectric Production Forecast (HPF) TWh**	5	33.0	32.5	32.5	32.5	32.5	32.5
4	**Nuclear Payment Amount (NPA) ($/MWh)**	6	111.33	206.70	192.42	202.74	199.16	219.60
5	**Nuclear Payment Rider (NPR) ($/MWh)**	7	12.43	7.19	5.04	5.36	2.48	2.19
6	**Nuclear Production Forecast (NPF) TWh**	8	21.9	18.7	26.7	25.1	27.3	30.9
7	**Regulated Hydroelectric Portion of Weighted Average Payment Amount ($/MWh)** (HPA + HPR) x HPF / (NPF+HPF)		28.35	31.87	29.52	32.75	33.68	32.91
8	**Nuclear Portion of Weighted Average Payment Amount ($/MWh)** (NPA + NPR) x NPF / (NPF+HPF)		49.41	78.16	89.10	90.67	92.15	108.11
9	**Weighted Average Payment Amount ($/MWh)** (((NPA + NPR) x NPF) + (HPA + HPR) x HPF) / (NPF + HPF)		77.75	110.03	118.62	123.42	125.83	141.02
10	**Percentage Change in Weighted Average Payment Amount (Year over Year)**			41.5%	7.8%	4.0%	2.0%	12.1%

Notes:
1 Payment amounts, riders and production forecasts approved in EB-2020-0290 Payment Amounts Order plus payment riders approved in EB-2023-0336.
2 Payment amounts and payment riders proposed in this application.
3 Per Ex. I1-2-1, Table 1. Cols. (c) to (f) are illustrative only.
4 Per Ex. H1-2-1, Table 1, line 21.
5 For 2027: Per Ex. E1-1-1, Table 1, col. (l), line 4.
6 Per Ex. I1-3-1, Table 1, line 9. Shaped payment amounts are based on the combined revenue requirements of the OPG nuclear facilities and the DNNP facilities.
7 Per Ex. H1-2-1, Table 2, line 34.
8 For 2027-2031: Per Ex. E2-1-1, Table 1, line 5. Includes production forecasts of the OPG nuclear facilities and DNNP facilities.

Table 1
Annualized Residential Consumer Impact
EB-2020-0290/EB-2023-0336 to EB-2025-0297

Line No.	Description	2027 Amount	2028 Amount	2029 Amount	2030 Amount	2031 Amount	2027-2031 Average
		(a)	(b)	(c)	(d)	(e)	(f)
1	**Typical Consumption[1] (kWh/Month)**	787	787	787	787	787	787
2	**Typical Usage of OPG and DNNP LP Generation (kWh/Month)** (line 1 x line 11)	246	284	276	287	304	280
3	**Typical Bill[1] ($/Month)**	142.10	142.10	142.10	142.10	142.10	142.10
4	**Typical Bill Impact ($/Month)** (line 2 x line 8 / 1000)	7.93	2.44	1.33	0.69	4.62	3.40
5	**Typical Bill Impact (%)** (line 4 / line 3)	5.6%	1.7%	0.9%	0.5%	3.3%	2.4%
6	Prior Year weighted average rate with proposed payment amounts and riders[2,3] ($/MWh)	77.75	110.03	118.62	123.42	125.83	
7	Current Year weighted average rate with proposed payment amounts and riders[2,3] ($/MWh)	110.03	118.62	123.42	125.83	141.02	
8	Change in weighted average rate ($/MWh) (line 7 - line 6)	32.28	8.59	4.80	2.41	15.19	
9	Total Regulated Production[4] (TWh)	51.2	59.2	57.5	59.8	63.3	
10	Forecast of 2027 Provincial Demand[5] (TWh)	163.9	163.9	163.9	163.9	163.9	
11	OPG and DNNP LP Proportion of Consumer Usage (line 9 / line 10)	31.2%	36.1%	35.1%	36.5%	38.6%	

Notes:

1 Typical monthly consumption (750 kWh) and typical monthly bill are based on the OEB "Bill Calculator" for estimating monthly electricity bills (using Time of Use pricing), available at: https://www.oeb.ca/consumer-information-and-protection/bill-calculator, accessed November 20, 2025. Typical Consumption includes line losses (Average loss factor of utility rate zones = 1.04996)

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

3 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 2027 (163.9 TWh) from Figure 2 of IESO Annual Planning Outlook, released April 2025.

Numbers may not add due to rounding.

Table 2
Computation of Percent Change in Payment Amounts
EB-2020-0290/EB-2023-0336 to EB-2025-0297

Line No.	Description	Note	2026	2027	2028	2029	2030	2031
			(a)	(b)	(c)	(d)	(e)	(f)
			Note 1	Note 2	Note 2	Note 2	Note 2	Note 2
1	**Hydroelectric Payment Amount (HPA) ($/MWh)**	3	43.88	51.39	54.97	59.20	62.02	64.21
2	**Hydroelectric Payment Rider (HPR) ($/MWh)**	4	3.30	(1.17)	(1.17)	(1.17)	0.00	0.00
3	**Hydroelectric Production Forecast (HPF) TWh**	5	33.0	32.5	32.5	32.5	32.5	32.5
4	**Nuclear Payment Amount (NPA) ($/MWh)**	6	111.33	206.70	192.42	202.74	199.16	219.60
5	**Nuclear Payment Rider (NPR) ($/MWh)**	7	12.43	7.19	5.04	5.36	2.48	2.19
6	**Nuclear Production Forecast (NPF) TWh**	8	21.9	18.7	26.7	25.1	27.3	30.9
7	**Regulated Hydroelectric Portion of Weighted Average Payment Amount ($/MWh)** (HPA + HPR) x HPF / (NPF+HPF)		28.35	31.87	29.52	32.75	33.68	32.91
8	**Nuclear Portion of Weighted Average Payment Amount ($/MWh)** (NPA + NPR) x NPF / (NPF+HPF)		49.41	78.16	89.10	90.67	92.15	108.11
9	**Weighted Average Payment Amount ($/MWh)** (((NPA + NPR) x NPF) + (HPA + HPR) x HPF) / (NPF + HPF)		77.75	110.03	118.62	123.42	125.83	141.02
10	**Percentage Change in Weighted Average Payment Amount (Year over Year)**			41.5%	7.8%	4.0%	2.0%	12.1%

Notes:
1. Payment amounts, riders and production forecasts approved in EB-2020-0290 Payment Amounts Order plus payment riders approved in EB-2023-0336.
2. Payment amounts and payment riders proposed in this application.
3. Per Ex. I1-2-1, Table 1. Cols. (c) to (f) are illustrative only.
4. Per Ex. H1-2-1, Table 1, line 21.
5. For 2027: Per Ex. E1-1-1, Table 1, col. (l), line 4.
6. Per Ex. I1-3-1, Table 1, line 9. Shaped payment amounts are based on the combined revenue requirements of the OPG nuclear facilities and the DNNP facilities.
7. Per Ex. H1-2-1, Table 2, line 34.
8. For 2027-2031: Per Ex. E2-1-1, Table 1, line 5. Includes production forecasts of the OPG nuclear facilities and DNNP facilities.