

Detailed Sample Bill Calculation - Snapshot: May 1, 2017 Rates



Rate Class: General Service less than 50 kW - contract with an energy retailer

Rate Component Description	Monthly Usage	Metric	Rate	Bill Calculation		
	2,000 kWh			for monthly GS <50 kW with retailer		
				Volume	Volume x Rate	Charge
Electricity:						
Rate per your contract with energy retailer (sample rate used to derive charge)		\$ per kWh	contract rate	2,000.00	100.00	
	Electricity					\$100.00
Global Adjustment:						
Rate set by IESO ⁽⁴⁾		\$ per kWh	IESO rate	2,078.60	175.64	
	Global Adjustment					\$175.64
Delivery:						
(a.) Distribution Charges:						
Service Charge - Monthly		\$	14.59	1	14.59	
Rate Rider for Smart Metering Entity Charge - effective until Oct 31, 2018 ⁽²⁾		\$	0.79	1	0.79	
Distribution Volumetric Rate		\$ per kWh	0.0151	2,000	30.20	
Low Voltage Volumetric Rate		\$ per kWh	0.0016	2,000	3.20	
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until Dec 31, 2017 - Applicable only for Non-RPP Customers		\$ per kWh	0.0139	2,000	27.80	
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until Dec 31, 2017		\$ per kWh	0.0028	2,000	5.60	
Rate Rider for Disposition of Deferral/Variance Accounts for Non-WMP (2017) - effective until Dec 31, 2017 Applicable to Non-WMP		\$ per kWh	(0.0051)	2,000	-10.20	
Rate Rider for Disposition of 1580 Sub-account CBR Class B (2017) - effective until December 31, 2017		\$ per kWh	0.0003	2,000	0.60	
Electricity Line Losses on Cost of Power - at retailer contract rate ⁽¹⁾		\$ per kWh	contract rate	78.60	3.93	
Electricity Line Losses on Global Adjustment - at IESO rate ⁽¹⁾⁽⁴⁾		\$ per kWh	IESO rate	78.60	6.64	
	Sub-total Distribution Charges				76.51	
(b.) Retail Transmission Charges:						
Retail Transmission Rate - Network Service Rate ⁽³⁾		\$ per kWh	0.0065	2,078.60	13.51	
Retail Transmission Rate - Line and Transformation Connection Service Rate ⁽³⁾		\$ per kWh	0.0054	2,078.60	11.22	
	Sub-total Retail Transmission Charges				24.74	
	Delivery					\$101.25
Regulatory Charges:						
Wholesale Market Service Rate ⁽³⁾ - not including CBR		\$ per kWh	0.0032	2,078.60	6.65	
Capacity Based Recovery (CBR) ⁽³⁾		\$ per kWh	0.0004	2,078.60	0.83	
Rural Rate Protection Charge ⁽³⁾		\$ per kWh	0.0021	2,078.60	4.37	
	Regulatory Charges					\$11.85
Debt Retirement Charge:						
	Debt Retirement Charge	\$ per kWh	0.0070	2,000.00		\$14.00
Total Electric Charges						\$402.74
Harmonized Sales Tax (HST)						\$52.36
8% Provincial Rebate						-\$32.22
Total Electric Bill Amount						\$422.88

Total Loss 1.0393

Notes

- 1. Electricity Line Losses:** The delivery charge also includes costs relating to electricity lost through distributing electricity to your home.
- 2. Smart Metering Entity Charge Rate Rider** - This rate rider is to recover the Independent Electricity System Operator's costs of developing and implementing the Meter Data Management Repository (MDM/R) and its information technology to collect and process data from smart meters throughout the province. The Smart Metering Entity Charge is distinct from the costs that distribution companies such as Kingston Hydro recover through the delivery charge for their smart meter and system costs related to the initiative.
- 3. Adjusted Usage:** The kWh usage used to calculate Retail Transmission Charges, and Regulatory Charges are kWh adjusted for loss factor. Kingston Hydro loss factor for this rate class is 1.0393.
- 4. Global Adjustment (GA):** Customers signed with a retailer and those on hourly Ontario electricity pricing (HOEP) see the separate GA charge. This is set by the [Independent Electricity System Operator \(IESO\)](#).