

Rate Component Information and Sample Bill Calculation with Charge Breakdown



Customer Type: Residential RPP Time of Use (TOU)

Sample Monthly Usage: 800 kWh

Rate Component Description			Effective Jan 1, 2014			Bill Calculation for Sample Monthly Residential Bill		
	Metric	Rate	Volume	Volume x Rate	Charge (\$)			
Electricity⁽¹⁾								
TOU - Off Peak	\$ per kWh	0.0720	512.00	36.86				
TOU - Mid Peak	\$ per kWh	0.1090	144.00	15.70				
TOU - On Peak	\$ per kWh	0.1290	144.00	18.58				
Sub-total Electricity⁽¹⁾			800.00					71.14
Delivery								
Distribution Charges								
Service Charge - Fixed Monthly	\$	12.23	1	12.23				
Rate Rider for Smart Meter Incremental Revenue Requirement - Fixed Monthly Charge ⁽²⁾	\$	2.63	1	2.63				
Rate Rider for Smart Metering Entity Charge - Fixed Monthly Charge ⁽³⁾	\$	0.79	1	0.79				
Distribution Volumetric Rate	\$ per kWh	0.0150	800	12.00				
Low Voltage Volumetric Rate	\$ per kWh	0.0007	800	0.56				
Distribution Volumetric Rate Riders ⁽⁴⁾	\$ per kWh	(0.0003)	800	-0.24				
Electricity Line Losses - TOU - Off Peak ⁽⁵⁾	\$ per kWh	0.0720	17.61	1.27				
Electricity Line Losses - TOU - Mid Peak ⁽⁵⁾	\$ per kWh	0.1090	4.95	0.54				
Electricity Line Losses - TOU - On Peak ⁽⁵⁾	\$ per kWh	0.1290	4.95	0.64				
Subtotal Distribution Charges				30.42				
Retail Transmission Charges								
Retail Transmission Rate - Network Service Rate ⁽⁶⁾	\$ per kWh	0.0064	827.52	5.30				
Retail Transmission Rate - Line and Transformation Connection Service Rate ⁽⁶⁾	\$ per kWh	0.0048	827.52	3.97				
Sub-total Retail Transmission Charges				9.27				
Sub-total Delivery (Distribution + Retail Transmission)								39.69
Regulatory Charges								
Wholesale Market Service Rate ⁽⁶⁾	\$ per kWh	0.0044	827.52	3.64				
Rural Rate Protection Charge ⁽⁶⁾	\$ per kWh	0.0012	827.52	0.99				
Standard Supply Service – Administration Charge	\$	0.25	1	0.25				
Sub-total Regulatory Charges								4.88
Debt Retirement Charge	\$ per kWh	0.0070	800.00					5.60
Total Electric Charges								121.31
HST		13%						15.77
Subtotal								137.08
Ontario Clean Energy Benefit (OCEB)		(10%)						(13.71)
Total Electric Bill Statement Amount								123.37
Estimated Annualized (exclusive of HST & OCEB)								1,455.67

Notes

1. **Electricity** - The kWh usage used to calculate Electricity charges for Residential TOU customers has not been adjusted for loss factor.

2. **Smart Meter Rate Riders** - This rate rider is to recover Kingston Hydro's smart meter incremental revenue requirement that resulted from the Province's legislated smart metering initiative.

3. **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.

4. *May 1, 2013 - Residential Distribution Volumetric Rate Riders

Rate Rider for Deferral/Variance Account Disposition (2013) – Effective until April 30, 2014

-0.0010 \$/kWh

Rate Rider for Incremental Capital (2012) - effective until April 30, 2015

0.0007 \$/kWh

Total Distribution Rate Riders

-0.0003 \$/kWh

5. **TOU Electricity Line Losses: For TOU customers, effective July 1, 2013**, Electricity charges for kWh associated with line losses are included in the Delivery line of the bill.

Low Volume Customer Bill Presentment for Sample Bill Calculation provided below

Low Volume Customer Bill Presentment

Meter No: E00000

Sample Typical Residential TOU usage

TOU - Off Peak	64%	512.00
TOU - Mid Peak	18%	144.00
TOU - On Peak	18%	<u>144.00</u>
		800.00

Kingston Hydro Loss Adjustment Factor.....	1.0344
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Charge (\$)

71.14

	Volume (kWh)	Rate (\$ per kWh)	Amount
TOU - Off Peak	512.00	\$0.0720	36.86
TOU - Mid Peak	144.00	\$0.1090	15.70
TOU - On Peak	144.00	\$0.1290	18.58

Regulatory Charges	\$	4.88
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Total CURRENT Electric Charges

	\$	137.08
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Total Electric Bill Statement Amount	\$ 123.37
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** Note: For general illustration purposes only; not fully representative of Kingston Hydro bill presentment format.*

Glossary of Terms effective July 1, 2013 for Low Volume Customers with RPP TOU Pricing

Electricity	<p>This is the cost of the electricity supplied to you during this billing period and is part of the bill that is subject to competition.</p>
Delivery <div data-bbox="233 1436 532 1707" style="border: 1px solid black; padding: 10px; margin-top: 20px;"> <p>* As of July 1, 2013: If Kingston Hydro supplies your electricity, this adjustment is now made to the <i>Delivery</i> line of your bill If you are on a retail contract, this adjustment will continue to be made to the <i>Electricity</i> line of your bill (until July 1, 2015)</p> </div>	<p>These are the costs of delivering electricity from generating stations across the Province to Kingston Hydro Corporation then to your home or business. This includes the costs to build and maintain the transmission and distribution lines, towers and poles and operate provincial and local electricity systems.</p> <p>A portion of these charges are fixed and do not change from month to month. The rest are variable and increase or decrease depending on the amount of electricity that you use.</p> <p>The delivery charge also includes costs relating to electricity lost through distributing electricity to your home or business.*</p> <p>Kingston Hydro Corporation collects this money and pays this amount directly to our suppliers.</p> <p>*When electricity is delivered over a power line, it is normal for a small amount of power to be consumed or lost as heat. Equipment, such as wires and transformers, consumes power before it gets to your home or business.</p>
Regulatory Charges	<p>Regulatory Charges are the costs of administering the wholesale electricity system and maintaining the reliability of the provincial grid and include the costs associated with funding Ministry of Energy conservation and renewable energy programs.</p>
Debt Retirement Charge	<p>The debt retirement charge pays down the debt of the former Ontario Hydro.</p>