

# 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 May 1, 2014			Bill Calculation for Sample Monthly Residential Bill		
	Metric	Rate	Volume	Volume x Rate	Charge (\$)			
<b>Electricity<sup>(1)</sup></b>								
TOU - Off Peak	\$ per kWh	0.0750	512.00	38.40				
TOU - Mid Peak	\$ per kWh	0.1120	144.00	16.13				
TOU - On Peak	\$ per kWh	0.1350	144.00	19.44				
<b>Sub-total Electricity<sup>(1)</sup></b>			<b>800.00</b>					<b>73.97</b>
<b>Delivery</b>								
<b>Distribution Charges</b>								
Service Charge - Fixed Monthly	\$	12.40	1	12.40				
Rate Rider for Smart Meter Incremental Revenue Requirement - Fixed Monthly Charge <sup>(2)</sup>	\$	2.63	1	2.63				
Rate Rider for Smart Metering Entity Charge - Fixed Monthly Charge <sup>(3)</sup>	\$	0.79	1	0.79				
Distribution Volumetric Rate	\$ per kWh	0.0152	800	12.16				
Low Voltage Volumetric Rate	\$ per kWh	0.0007	800	0.56				
Distribution Volumetric Rate Riders <sup>(4)</sup>	\$ per kWh	0.0001	800	0.08				
Electricity Line Losses - TOU - Off Peak <sup>(5)</sup>	\$ per kWh	0.0750	17.61	1.32				
Electricity Line Losses - TOU - Mid Peak <sup>(5)</sup>	\$ per kWh	0.1120	4.95	0.55				
Electricity Line Losses - TOU - On Peak <sup>(5)</sup>	\$ per kWh	0.1350	4.95	0.67				
<b>Subtotal Distribution Charges</b>				<b>31.16</b>				
<b>Retail Transmission Charges</b>								
Retail Transmission Rate - Network Service Rate <sup>(6)</sup>	\$ per kWh	0.0072	827.52	5.96				
Retail Transmission Rate - Line and Transformation Connection Service Rate <sup>(6)</sup>	\$ per kWh	0.0055	827.52	4.55				
<b>Sub-total Retail Transmission Charges</b>				<b>10.51</b>				
<b>Sub-total Delivery (Distribution + Retail Transmission)</b>								<b>41.67</b>
<b>Regulatory Charges</b>								
Wholesale Market Service Rate <sup>(6)</sup>	\$ per kWh	0.0044	827.52	3.64				
Rural Rate Protection Charge <sup>(6)</sup>	\$ per kWh	0.0013	827.52	1.08				
Standard Supply Service – Administration Charge	\$	0.25	1	0.25				
<b>Sub-total Regulatory Charges</b>								<b>4.97</b>
<b>Debt Retirement Charge</b>	\$ per kWh	0.0070	800.00					<b>5.60</b>
<b>Total Electric Charges</b>								126.21
HST		13%						16.41
<b>Subtotal</b>								142.62
<b>Ontario Clean Energy Benefit (OCEB)</b>		(10%)						(14.26)
<b>Total Electric Bill Statement Amount</b>								<b>128.36</b>
<b>Estimated Annualized (exclusive of HST &amp; OCEB)</b>								1,514.50

## 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 Rider** - 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, 2014 - Residential Distribution Volumetric Rate Riders

Rate Rider for Deferral/Variance Account Disposition (2014) – Effective until April 30, 2015

-0.0005 \$/kWh

Rate Rider for Application of Tax Change (2014) - effective until April 30, 2015

-0.0001

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

0.0007 \$/kWh

**Total Distribution Rate Riders**

**0.0001 \$/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.

6. **Adjusted Usage:** The kWh usage used to calculate Retail Transmission Charges, and Regulatory Charges are kWh adjusted for loss factor. Kingston Hydro loss factor is 1.0344.

**Low Volume Customer Bill Presentment for Sample Bill Calculation provided below**

### Sample Monthly Residential Bill Statement - Time of Use (TOU)

#### Low Volume Customer Bill Presentment

**Account No:** 000000

**Meter No:** E00000

Monthly Usage..... 800.00 kWh  
Loss Adjusted Usage..... 827.52 kWh

#### 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

#### Loss Factor

Kingston Hydro Loss Adjustment Factor..... 1.0344

#### Your Electricity Charges

				Charge (\$)
Electricity .....				73.97
	Volume (kWh)	Rate (\$ per kWh)	Amount	
TOU - Off Peak	512.00	\$0.0750	38.40	
TOU - Mid Peak	144.00	\$0.1120	16.13	
TOU - On Peak	144.00	\$0.1350	19.44	
Delivery .....				\$ 41.67
Regulatory Charges .....				\$ 4.97
Debt Retirement Charge .....				<u>\$ 5.60</u>
Total CURRENT Electric Charges .....				\$ 126.21
HST (13%) .....				\$ 16.41
				<u>\$ 142.62</u>
Ontario Clean Energy Benefit: 10% off applicable electricity charges				<u>-\$ 14.26</u>
<b>Total Electric Bill Statement Amount</b>				<u><b>\$ 128.36</b></u>

\* Note: For general illustration purposes only; not fully representative of Kingston Hydro bill presentment format.