

**Coke Beverage vending machine  
electricity consumption  
at Queen's per year**

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<b>Item</b>	<b>Amount</b>	<b>Units</b>
<b>Single vending machine</b>		
Electric Current	12	A
Voltage	115	V
Power	1380	W
<b>Number of machines on campus</b> (based on the Coke/Queen's Contract).	<b>150</b>	
<b>Electrical consumption</b>		
Per day per machine	14	kWh/day
Per year per machine (365 days)	5110	kWh/yr
<b>Per year, full campus (150 machines)</b>	<b>766500</b>	<b>kWh/yr</b>
<b>Total electricity consumption</b>	<b>766500</b>	kWh/yr
Price of electricity for Queen's	\$0.095	\$/kWh
<b>Cost/yr</b>	<b>\$72,818</b>	
<b>Percentage of total electricity consumption</b> (Based on 80,000 MWh of total electricity consumption at Queen's in 2002).	<b>1.0%</b>	