

**Lind Equipment Beacon LED Tower**  
**Operating Cost Comparison**  
 Prepared for: Stephenson's Rental Services

**Generator powered Beacon LED Tower**

**Patron PA-GI2000**  
 2000 watts

4 litre fuel tank  
 7 hour run time at 50% load

800 watts - Beacon LED Tower load  
 40% load

7 hour run time at Beacon LED Tower load  
 0.571 litres/hour consumed at Beacon LED Tower load

11 litre external fuel tank  
 15 litre total fuel (generator tank + external tank)

**26.25 hour run time off generator and external fuel tank**

\$ 1.07 per litre average Toronto gas price  
 (06/13/2017 www.torontogasprices.com)

**\$ 0.61 cost per hour in gas**

**External electricity powered Beacon LED Tower**

800 watts - Beacon LED Tower load

0.8 kWh consumed per hour

\$ 0.131 per kWh average Ontario rate incl. delivery

**\$ 0.10 cost per hour in external electricity**

**Versus a diesel-fed metal-halide 6KW generator**  
 e.g. Generac MLT5060

\$ 1.04 per litre average Toronto diesel price  
 (06/12/17 www2.nrcan.gc.ca)

1.89 lph consumption of Generac MLT5060 light tower

**\$ 1.96 cost per hour in diesel**

Monthly Operating Costs Running on Gas - on 8 hour day  
 \$ 102.72 per unit, per month

**Monthly Cost Savings vs Diesel Light Tower**  
**\$ 227 per month per unit!**

Monthly Operating Costs Running on Electric - on 8 hour day  
 \$ 17.61 per unit, per month

**Monthly Cost Savings vs Diesel Light Tower**  
**\$ 312 per month per unit!**

Monthly Operating Costs - on 8 hour day  
 \$ 329.59 per unit, per month

**Monthly Cost Savings vs Diesel Light Tower**  
**\$ - per month per unit!**



- Additional Benefits / Savings:**
- Zero pollution = improved air quality for your employees
  - no noise
  - very low amp draw (2 can be daisy chained)
  - LED lights don't need to warm up
  - LED lights are not sensitive like traditional bulbs to damage in transport etc