

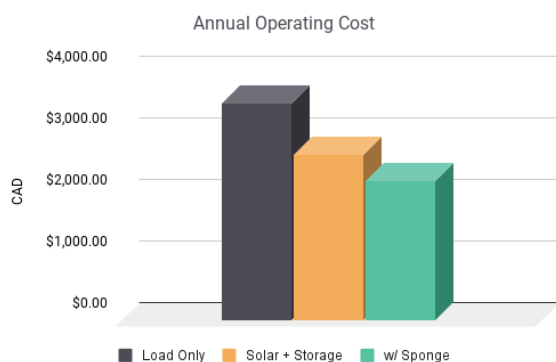
## CASE STUDY - GRID-TIED, NON-EXPORT

### Balsam Lake Residence

The Balsam Lake project is grid-tied but non-export, serving only the load at the premises for the purpose of essential back-up power. Before Sponge, this system architecture limited the amount of solar energy the system was able to capture, holding back the potential energy savings. With Sponge Predictive Optimization and load control, this customer was able to capture 40% more solar, and improve their outage protection at the same time, leading to a 50% boost in annual returns.

#### SYSTEM SPECIFICATIONS

Project Type	Grid-Tied, Non-Export
PV Size	5 kW
Battery Size	10 kWh
Annual Load	21,630 kWh
Location	Kawartha Lakes, Ontario
Equipment	SRNE, Sponge LMB



**\$3,516**  
Load Only

**\$2,680**  
Solar + Storage

**\$2,258**  
With Sponge



### Highlights



**\$422**  
Annual Cost  
Reduction



**50%**  
Savings Boost

Install Partner With



Reach Out To Learn How Sponge  
Can Enhance Your Solar System

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