

Attachment A- Cost estimate for potential solar panel projects

**Botanical Garden: 32,785kWh/month average
\$3,230/month average**

Minimum System Size	195,148	Watts
Average Sun Hours	5.6	Hours
Solar Panel Wattage	300	Watts
Building Roof Area	10,000	SF
Number of Solar Panels to Fit Roof Area	566	Panels
Average Electricity Generated	28,526	kWh/month
Estimated cost to purchase solar panels	\$198,100	

Installing solar panels on the entire roof area would provide up to 87% of the average monthly electricity consumption.

**PAL: 29,288 kWh/month average
\$3,230/month average**

Minimum System Size	174,333	Watts
Average Sun Hours	5.6	Hours
Solar Panel Wattage	300	Watts
Building Roof Area	10,000	SF
Number of Solar Panels to Fit Roof Area	566	Panels
Average Electricity Generated	28,526	kWh/month
Estimated cost to purchase solar panels	\$198,100	

Installing solar panels on the entire roof area would provide up to 97% of the average monthly electricity consumption.

**Art Deco Welcome Center: 31,640 kWh/month average
\$2,599/month average**

Minimum System Size	188,333	Watts
Average Sun Hours	5.6	Hours
Solar Panel Wattage	300	Watts
Building Roof Area	6,357	SF
Number of Solar Panels to Fit Roof Area	360	Panels
Average Electricity Generated	18,144	kWh/month
Estimated cost to purchase solar panels	\$126,000	

Installing solar panels on the entire roof area would provide up to 57% of the average monthly electricity consumption.