

Topeka Zoo



Green Practices

The Topeka Zoo and Conservation Center has always been focused on wildlife conservation and education. Naturally, the zoo's focus on conservation has included hands-on efforts by employees as well as support for other animal friendly organizations around country and globe. However, conservation efforts by the zoo do not stop at direct aid to animals. The Topeka Zoo and Conservation Center actively tries to reduce their carbon footprint through efficiency upgrades in their facilities via the "Green Practices" program.

The "Green Practices" program has been responsible for a variety of upgrades to the facilities including installation of hand dryers in the restrooms to reduce paper waste and the addition of recycling stations around the zoo to reduce the amount of waste sent to local landfills.

A Solution Worth Showcasing

In 2014, the Topeka Zoo and Conservation Center decided to take their Green Practices to the next level by applying for a renewable energy grant from the local utility. The zoo wanted to show off their commitment to conservation and invest in a solution that would last. Enter Good Energy Solutions, Inc and SunPower with custom design and installation of a high efficiency solar system. Good Energy Solutions, Inc was able to mount a few modules on solar awnings to make the zoo's investment visible. SunPower's clean module design added further aesthetic value.



Quick Facts

 **13.407 kW**
Total System Size

 **3 Awnings**
Rainforest Building

 **41 (327W)**
Number of Panels

 **17,363 kWh**
Actual First Year Output

“We believe what we do changes the world. Every choice we make saves the planet”

Topeka Zoo and Conservation Center

Vision Statement



Making the Best Investment

As many non-profits can relate, deciding how to spend capital can be a very tough decision. When the Topeka Zoo got word that they received grant funding from the local utility for a solar project, the next question quickly became “how do we make this money go the furthest”?

Good Energy Solutions, Inc proposed SunPower modules for three main reasons: they last a long time, they are dense and therefore able to leave space for future expansion, and the Maxeon cell provides a clean look worth displaying at the rain forest building.

A Living Classroom

The aim of the solar grant was to engage the public and educate students. The awnings accomplished the public education facet of the grant. To accomplish the education facet, Good Energy Solutions, Inc and the Friends of the Zoo installed an educational exhibit to show how solar modules work and display solar production in real time.

This exhibit reaches nearly 200,000 visitors every year, many of whom are the youngsters who may only be seeing solar for the first time. Now they can go home knowing that clean and renewable energy is here, and that it is good.

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