



# Case Study

## Solar Panel Array

### Columbia Museum of Art

Columbia, SC

#### The Project

The Columbia Museum of Art received a grant from the Department of Energy, through the SC Energy Office to implement a 177 panel solar array. The poly-crystalline silicon solar panels will produce 53,340 kWh and save \$5,800 annually. The panels produce up to 10% of the museums daily usage and their website has a system to track their daily solar energy production.



Saves 379 trees per year

#### At A Glance

- Grant total of \$213, 500
- Saves \$5,800 annually on energy costs
- 177 total solar panels, producing 53,340 kWh annually



Produces enough energy to power 5 new homes

