

Expanding Solar Energy at Longwood

Solar helps save energy, let's start using it on campus.

How might Longwood implement solar energy on campus that can **encourage** students and faculty to support **solar energy** in their everyday life?

The Zon solar umbrellas were installed on April 10, 2017 during the Eco-April event hosted by the Office of Sustainability. They were funded by a grant from the Parents Council and the Office of Sustainability matched their funding to have two umbrellas. On each umbrella there is 3 USB port that gives an output of 5V 2.1A and will completely charge in 5 hours.

These solar umbrellas on Brock Commons provide a green way to charge your phone while spending time outside!

Charger on solar umbrella



Solar At Other Universities



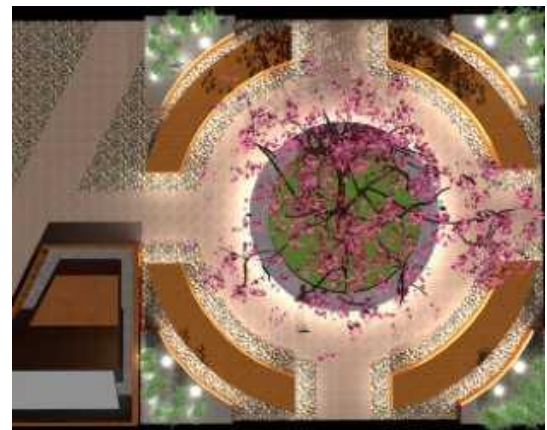
The Princeton University Art Museum purchased two low speed vehicles (LSV) charged by solar panels for travel between locations in town and on campus. These are used similarly to Longwood's golf carts, but are more environmentally friendly than gas-powered or grid-charged carts.

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<https://sustain.princeton.edu/news/art-museum-solar-powered-vehicles>

After our interview with Kevin Miller, we have discovered that Longwood already has solar panels, but they have been put away in storage!

With the solar panels that are in storage, Mr. Miller has already created a scaled model for a sitting area for students in Brock Commons. In this model, solar panels are used to power lights that surround the area and USB outlets to allow students to charge their devices. This would be the first steps in using solar energy all cross campus while bring student and factually attention to the benefits of solar power.



To make this model a reality , students and faculty must be informed about solar energy and go to the Student Government Association and advocate for solar energy to be implemented at Longwood!