

2.15 MW Ground-Mounted Solar Array At Cedarville University Cedarville, Ohio

The Melink Corporation developed, integrated and, with support from U.S. Bancorp and Union Bank & Trust, now operates the largest solar photovoltaic array directly connected to an Ohio university. The array will help Cedarville University reduce operational costs and decrease their reliance on non-renewable energy sources. Construction began in January 2013 and the system was commissioned in April 2013.



Picture courtesy of Scott Huck,
Cedarville University

Located on the southwest edge of campus, adjacent to a waste water treatment facility, in Cedarville, Ohio, the array consists of 8,792 solar photovoltaic modules which contribute approximately 10% of the school's energy needs. Most important to the University is that the array will be used as a tool to help educate engineering students.

Cedarville University	
System Size (DC)	2,154,040 W
Annual Output (AC)	2,783,200 kWh
Module Size, Technology	245W, Crystalline Silicon
No. of Modules	8,792
Inverters	4

Working with the university, Melink and TMI Electric installed an interactive educational touch-screen in the Cedarville University Student Center. The display illustrates the technology and the benefits associated with this project, serving as inspiration and motivation for students, faculty, administrators and guests to make a change in their daily energy routine.

