Utility &
Private Projects

The Mound Advanced Technology Center
Miamisburg, Ohio

Melink Corporation was the developer and designer for a 61.2 kW DC PV system for Dayton Power & Light Energy Resources (DPLER), a subsidiary of Dayton Power & Light. The solar array was constructed at the Mound Advanced Technology Center, a former Department of Energy weapons facility located in Miamisburg, Ohio. DPLER is selling the electricity generated by the system via a Power Purchase Agreement to the Miamisburg Mound Community Corporation (MMCIC).

The new solar PV system helps DP&L meet their renewable energy requirements in Ohio and supports the Miamisburg Mound Community Improvement Corporation's goal of turning this facility into an energy park. MMCIC uses the energy park to provide educational opportunities to the public, the energy industry and students.

In addition, Melink used students from local community college workforce development programs to help install the system. The company is committed to developing a skilled workforce for the rapid expansion of Ohio's solar industry.

The Mound project began in May 2010 and construction was completed June 2010. The system contains a total of 340 solar panels on one acre.

System Snapshot	
System Size	61.2 kW
Annual AC Output	71,000 kWh
Module Technology	Monocrystalline Silicon
Modules	340 Melink 180 Watt
Inverters	(1) 50kW

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Gish Furniture
Apple Creek, Ohio

Melink designed and installed the 59kW solar PV array at Gish Furniture to help defray current electricity costs. Begun in November 2010 the system was commissioned in February 2011.

Gish Furniture	
System Size	59kW
Annual AC Output	68kWh
Module Technology	Rigid thin film
Modules	880
Inverter	(1) 50kW

Miami East Schools
Casstown, Ohio

Melink designed and installed a 13kW roof solar array for Miami East to help the school district teach the students about solar PV energy. The school has developed curriculum around the array for the Science Department.

Miami East Schools	
System Size	13kW
Annual AC Output	14,983kWh
Module Technology	Crystalline Silicon
Modules	72
Inverter	(1) 12kW