

Solar Panels at The Miller Center



182 PV Panels
on the roof of
The Miller Center
Lakeside Campus



JM E³co.
The JM Eco-leadership™ Company
Solar Solutions for Commercial Roofing Systems



System Characteristics:

System Size (Watts STC):	40,768 w
PV Module Technology:	Sharp ND-224UC1 Polycrystalline Panels (American-Made)
Number of PV Modules:	182
Mounting System:	JM E3co PVC Roof Integrated Cool-Ply System
Mounting System Tilt:	15 degrees
Mounting System Orientation:	South
System Weight, including Modules (lb/sf):	3.2 lb/sf point load
Attachment Method:	Hot Air Welding, Non-Penetrating
Inverter Technology:	Satcon PVS 50kW, 3-phase Inverter
Number of Inverters:	1

Performance Characteristics:

Annual Estimated Energy Production (kilowatt-hours):	44,880 kWh
Estimated Energy Production over guaranteed life, 25 years (kilowatt-hours):	1,057,191 kWh (1,057 megawatt-hours, MWh)

Annual Environment Benefits:

Green House Gas CO2 Avoided (lbs):	70,880 lbs
Automobiles Removed from the Road:	6 cars
Gallons of Gasoline Offset (gal):	3,617 gal
Acres of Pine Forrest Planted (acre):	7 acres
Number of Homes Powered:	4 homes

