



FACT SHEET 1 MW Solar Array



Carlisle Area School District
623 West Pen Street
Carlisle, PA 17013

General Information:

- 1 MW AC Power Generation – *Largest Solar Array owned by a Pennsylvania Public School District*
- 5,178 solar panels on 6.2 Acres of Land
- Full 25-year warranty on system
- Solar Array will generate 1,488,140 Kwh (kilowatt hours) on average per year
- The solar array is an educational lab utilizing five (5) types of solar technology and deployment
 - Monocrystalline panels
 - Thin film panels
 - Fixed mounted system
 - Dual axis tracking system
 - Passive single access tracking system
- Received \$1,000,000 grant from Pennsylvania Department of Environmental Protection (DEP), Pennsylvania Energy Development Authority (PEDA), American Recovery Reinvestment Act (ARRA)
- Received \$950,000 grant from Commonwealth Financing Authority (CFA)
- Received \$500,000 grant from PPL Act 129
- 51% of the project is funded by grants
- The solar array was put into service on October 13, 2010

Awards Received:

- 2010-2011 Governor's Award for Environmental Excellence
- PennFuture Environment Award
- SEIA & SEPS North American Award of Excellence
- PASBO Award of Achievement
- 2010-2011 Pennsylvania Environmental Council Award of Excellence

Monitoring:

<http://live.deckmonitoring.com/?id=carlisle>

For more information contact:

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