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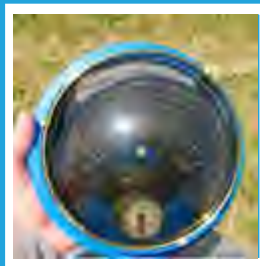
## Solar: Mechanical Research Solar Electric (PV) System

## CASE STUDY



### Project: December 2010 PV Installation

- Designed and Installed an 18.4 kW Solar Electric System
- Goals:
  - Offset current electrical costs
  - Maximize incentives available to reduce ROI
  - Protect against rising electrical cost



### Benefits to the System Owner:

- Produces 21,000+ kWh/year
- Helps offset peak demand load of Mechanical Research
- 20 kW utility net metering
- Optional add-on capabilities for future expansion

### Incentives & Grants:

<b>Total Project Costs:</b>	<b>\$112,000</b>	<b>100%</b>
WI Focus on Energy	27,000	25%
WPS (utility) Multi-Project Bonus	27,000	25%
Federal Tax Credit	33,500	30%
<b>Total out-of-pocket costs for customer</b>	<b>\$24,500</b>	<b>20%</b>
Accelerated Depreciation on Equipment (not factored)		
WI Property Tax Exemption (not factored)		