

## *Pennsylvania Sunshine Program*

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**Objective:** Provide grants, loans and rebates to jumpstart the solar market in Pennsylvania while attracting solar manufacturing concerns to establish operations in Pennsylvania.

**Goals:** Provide incentives to induce solar manufacturing concerns to locate in Pennsylvania by providing:

- Grants and loans for economic development projects in the solar sector in Pennsylvania;
- Pennsylvania homeowners and small business owners are eligible for rebates of up to 35 percent on the cost of solar systems installed at their home or business.

**Funding:** \$100 million to provide loans, grants and rebates that cover up to 35 percent of the costs residential consumers and small businesses incur for installing for solar energy technology;

\$80 million in grants and loans for economic development projects in the solar sector.

### **Key Points:**

- Aggressive goals in the Alternative Energy Portfolio Standard Act requiring 850 MW of solar capacity by 2020 will spur the solar market. The Pennsylvania Sunshine Solar Initiative will provide grants, loans and rebates to jumpstart the solar market in PA and attract solar manufacturing companies to Pennsylvania.
- Using solar technology can reduce electricity costs at peak times such as hot days in summer, when electricity prices are highest. The use of solar also can reduce the amount of combustion emissions that contribute to air pollution and global warming. A 2.5 kW solar system can result in the reduction of annual emissions by 10,950 lbs for CO<sub>2</sub>, 68 lbs for SO<sub>2</sub> and 15 lbs for NO<sub>x</sub>. In addition, some solar systems can be designed to operate independent of the electricity grid, which can increase energy security in the event of a blackout.
- A properly installed 2.5 kW solar system in Pennsylvania will produce about 3,000 kWh of electricity during a year, which is one-third or more of yearly electricity consumption for a typical Pennsylvania home and would save the homeowner up to \$450 annually.

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