

# Solar Energy Technologies Program

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The Solar Energy Technologies Program focuses on developing cost-effective solar energy technologies that have the greatest potential to benefit the nation and the world. A growing solar industry also stimulates our economy by creating jobs in solar manufacturing and installation.

### Photovoltaics >

The Photovoltaics subprogram aggressively funds a diverse set of PV technologies that have potential in many markets that will help solar electricity achieve grid parity.

### Concentrating Solar Power >

The Concentrating Solar Power subprogram is making CSP competitive in the intermediate power market and developing advanced technologies that will reduce system and storage costs through partnerships with solar companies and universities and national laboratories.

### Systems Integration >

The Systems Integration subprogram addresses the technical barriers to wide-scale deployment of solar technologies on the grid by funding solar companies to develop smarter technologies, supporting testing and demonstration at national laboratories and in the field, developing new codes and standards, and removing economic barriers.

### Market Transformation >

The Market Transformation subprogram works with cities, states, utilities, and other partners to address barriers to the widespread adoption of solar technologies and reduce the non-hardware costs associated with installation.

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 **DOE 205-KW System (PDF 775 KB)**

 **Education & Training Resources**

### SOLAR SUBPROGRAMS

#### Photovoltaics >

The Photovoltaics subprogram aggressively funds a diverse set of PV technologies that have potential in many markets that will help solar electricity achieve grid parity.

#### Concentrating Solar Power >

The Concentrating Solar Power subprogram is making CSP competitive in the intermediate power market and developing advanced technologies that will reduce system and storage costs.

#### Systems Integration >

The Systems Integration subprogram is breaking down the regulatory, technical, and economic barriers to integrate solar electricity into the electric grid.

#### Market Transformation >

The Market Transformation subprogram works with external partners to address non-technical issues that are barriers to the widespread adoption of solar technologies.

### NEWS

[U.S. Solar Industry Reports Strong Growth in 2009](#)  
May 19, 2010

[DOE Awards \\$62 Million to 13 Concentrating Solar Power Projects](#)  
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