

Grants Notice
“University Crystalline Silicon Photovoltaics
Research and Development”

Closing date for applications: May 30, 2006

Award ceiling: \$6,250,000

Award floor: \$1,250,000

Cost sharing or matching requirement: Yes

Funding Instrument type: Cooperative agreement

Agency: US Department of Energy, Golden Field Office

Category: Renewable Energy Research and Development

Eligible Applicants: Accredited universities and/or colleges

Description

The SETP solicits applications for advanced and applied research and development, education and collaboration in crystalline silicon PV cell and module technology through this University Photovoltaic Crystalline Silicon R D Funding Opportunity Announcement (FOA). A single accredited college or university will be selected to conduct research and development activities to achieve the following:

- Advance crystalline silicon PV cell and module technology and manufacturing processes that address the key barriers identified above
- Expand opportunities to educate undergraduate and graduate students in PV systems and manufacturing R D
- Address ways to accelerate transferring PV technologies to industry for commercial production utilizing a model that appropriately protects proprietary interests for the mutual benefit of the selected university/college and the U.S. PV industry as a whole.

This research is intended to foster measurable improvements over the current state of crystalline silicon PV cell and module technology while providing an integrated platform for education and collaboration with the PV industry as a whole. An education institution is generally perceived to be an unbiased source for the distribution of information and enhanced technology transfer. The successful completion of this work should result in lower-priced, more efficient photovoltaic cells and modules substantially closer to the LEC SETP goal. The award from this announcement will

have requirements for reporting to DOE. Progress and financial status reports will be required on a quarterly basis. Peer and/or technical review meetings will be held approximately once per year. Stage-gate decision meetings will also be held consistent with the negotiated award schedule. Applicants should also assume travel for a kickoff meeting and review meetings. A detailed final report will be required at the conclusion of the project. More detailed information, and background, is provided in the FOA document, and at Attachment 1 to the FOA.

Applications for this Funding Opportunity Announcement must be accessed, completed, and submitted through Grants.gov at <http://www.grants.gov> to be considered for award. Questions regarding the content of the announcement should be submitted through the "Submit Question" feature of the DOE Industry Interactive Procurement System (IIPS) at <http://e-center.doe.gov>.

Very important: In order to access, complete, and submit applications in Grants.gov, you will first need to install PureEdge Viewer on your computer. For a free version of the software, visit the following Web site: <http://www.grants.gov/DownloadViewer>. To complete and submit applications through Grants.gov, there are several one-time actions you must complete (e.g., obtain a Dun and Bradstreet Data Universal Numbering System (DUNS) number, register with the Central Contract Registry (CCR), install the PureEdge Viewer, register with the credential provider, and register with Grants.gov).

Applicants who are not yet registered should allow at least 14 days to complete the registration process. Applicants are highly encouraged to register with Grants.gov as soon as possible. Registration information is found at <http://www.grants.gov>. Should you have questions regarding the operation of Grants.gov, please contact the Grants.gov Contact Center at support@grants.gov or 1-800-518-4726. Contact Center hours of operation are Monday - Friday from 7:00am to 9:00pm Eastern Standard Time.

Link to Full Announcement

[Click here to view the Opportunity](#)

DOE forms: <http://professionals.pr.doe.gov/ma5/ma-5web.nsf/FinancialAssistance/IIPSFAForms?OpenDocument>

Funding Opportunity Number: DE-PS36-06GO96015