

Awardee	City, State	Proposed Award Amount	Scientific User Facility	Brief Project Description
Sandia National Laboratories	Albuquerque, NM	\$900,000	The Center for Integrated Nanotechnologies	This team will develop new microscopy tools to help understand the chemical and electronic structure of thin film photovoltaic materials and how microscopic variations limit photovoltaic device performance
Stanford University	Palo Alto, CA	\$878,578	SLAC National Accelerator Laboratory	This team will conduct processing studies of inexpensive roll-to-roll printing for the creation of highly efficient organic solar cells
Arizona State University	Phoenix, AZ	\$854,999	Argonne National Laboratory	This team will use X-ray nanocharacterization to reduce defects in thin film solar cell materials to improve performance
PLANT PV	Berkeley, CA	\$450,000	The Molecular Foundry	This team will develop three-dimensional mapping tools for thin film semiconductors to discover or improve solar cell materials
University of Colorado	Boulder, CO	\$450,000	Oak Ridge National Laboratory	This team will develop a model to examine the use of solid particles as a high-temperature, inexpensive heat-transfer material in concentrating solar power (CSP) plants