PVPowered of Bend, Oregon: PVPowered will partner with Portland General Electric (Portland, Oregon), South Dakota State University (Brookings, South Dakota), Northern Plains Power Technologies (Brookings, South Dakota), Schweitzer Engineering Laboratories (Pullman, Washington), and SENSUS (Raleigh, North Carolina). The project will reinforce the fundamental objectives of the SEGIS program to optimize interconnections across the full range of emerging PV module technologies through innovative systems integration.
DOE cost share: up to $3 million

Petra Solar of South Plainfield, New Jersey: Petra Solar will work with the University of Central Florida (Orlando, Florida) and fifteen electric utilities with service in New Jersey, Pennsylvania; Ohio; Delaware; Maryland; Washington, D.C.; Florida; and Texas. This project complements the mission of the Solar Program to achieve the widespread adoption of solar energies. It supports improving reliability and resiliency so that high levels of PV integration can be adapted.
DOE cost share: up to $2.9 million

Princeton Power of Princeton, New Jersey: Princeton Power will work with Transistor Device Inc (TDI), LaGuardia Community College (New York, New York), Idyllwild Municipal Water District (San Diego, California), National Oceanographic and Atmospheric Administration (Princeton, New Jersey), Princeton Plasma Physics Laboratory (Princeton, New Jersey), Premier Power, SPG Solar (Novato, California), and Spire (Bedford, Massachusetts). This project focuses on lowering manufacturing costs through integrated controls for energy storage and develops new inverter designs.
DOE cost share: up to $2.8 million

Apollo Solar of Bethel, Connecticut: Apollo Solar will work in collaboration with Saft Batteries (Valdosta, Georgia), the Electric Power Research Institute (Knoxville, Tennessee), and California Independent System Operator (Folsum, California). This project creates innovative inverters using energy storage and two-way communications between solar electrical systems and utilities.
DOE cost share: up to $1.5 million

Florida Solar Energy Center / UCF: Florida Solar Energy Center will work with Satcon Technology Corporation (Boston, Massachusetts), SENTECH, Inc. (Bethesda, Maryland), SunEdison (Beltsville, Maryland), Cooper Power Systems EAS (Minneapolis, Minnesota), Northern Plains Power Technologies (Brookings, South Dakota), and Lakeland Electric Utilities (Lakeland, Florida). This project focuses on solving technical challenges that must be overcome to include higher PV penetration levels in larger electrical systems.
DOE cost share: up to $1.3 million

Source: U.S. Dept. of Energy