
Annual Review

Grid Integration & Inverters

Austin, TX

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Solar Energy Technologies Program (SETP)
Office of Energy Efficiency and Renewable Energy





Welcome to All Participants

Session Agenda:

Grid Integration & Inverters	Topic	3:45pm - 5:00pm	75
Sandia	Grid Integration - Demonstration	Juan Torres	15
NREL	Grid Integration - Analysis	Ben Kropowski	15
Sandia	SEGIS Solicitation	Ward Bower	15
Greenray	SAI Contract - AC Inverter	Miles Russell	15
Facilitated discussion of barriers and research priorities			15

Grid Integration & Inverters



Vision for Grid Integration & Inverters Program:

- Supports SAI goals by maximizing value of solar-generated electricity with increasing system and grid reliability.
- Provide cutting-edge information on grid integration.
- Support the development of advanced inverter technology.
- SEGIS solicitation links with the developing Renewable Grid Integration Program.

Grid Integration & Inverters



Key Activities:

- Demonstrations (Hawaii, Mesa del Sol, others.) and analysis (technical and economic).
- RSI study's 14 reports address a range of issues, including distributed systems technology development, advanced distribution systems integration, system-level tests and demonstrations, technical and market analysis, resource assessment, and codes, standards, and regulatory implementation.

Total Funding (\$M)

Fiscal Year	FY07	FY08	FY09
Grid Integration & Inverters Program	\$0.775	\$4.795	\$4.398

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Key Activities (cont'd):

- Supporting stakeholder meetings and analysis on electric grid issues associated with high penetration levels of PV.
- SEGIS solicitation.
- Supporting advancement and reliability of inverters

Contact Information



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Please send us your comments and questions.