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# 2008 Solar Annual Review Meeting

**Session: CPV**

**Company or Organization: SolFocus, Inc.**

**Funding Opportunity: PV Incubator**



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Ken Fong

Director, Product Marketing

650-623-7278

[ken\\_fong@solfocus.com](mailto:ken_fong@solfocus.com)

**SolFocus™**

# Budget and Solar America Initiative Alignment



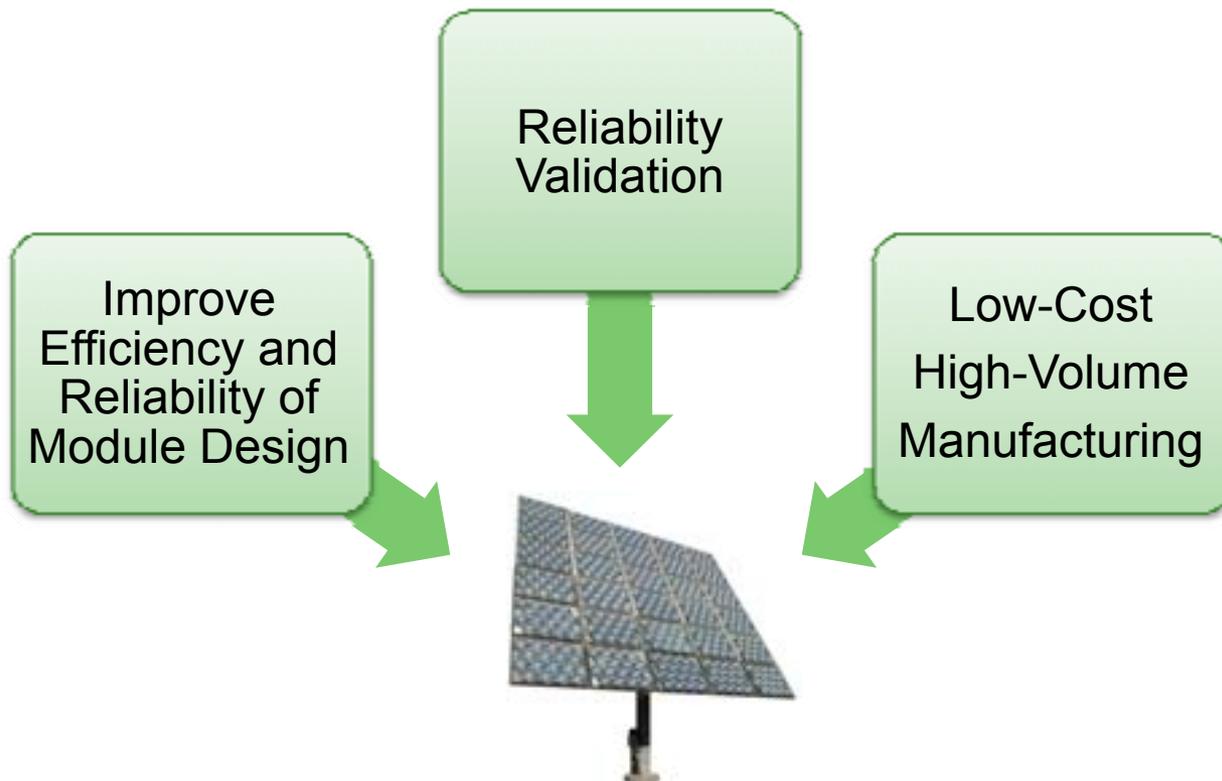
<b>Project Beginning Date</b>	<b>Phase 1 Bud.</b>	<b>Phase 2 Bud.</b>	<b>Total Budget</b>
11/15/2007	\$2,403,910	\$1,671,967	\$4,075,877

This project supports the Solar America Initiative by:

- Development of Reflective Optics CPV Panels Enabling Large-scale, Reliable Production of Solar Electricity Meeting SAI LCOE Goals and Ultimate Parity with Electricity Generated with Fossil Fuels
  - Utilize CPV technology at prototype stage
  - Improve efficiency, reliability and manufacturability
  - Transfer to volume manufacturing by end of award period



## Project Activities Focus





- ❑ Efficient and Reliable Module Design with <math><1\%</math> Annual Degradation
  - Enhancements to Optics - efficiency, coatings, enclosures, cells
    - Investigations of many areas
    - Down-select to highest improvement impact with acceptable cost impact
- ❑ Intensive Reliability Program
  - FMEA Analysis
  - IEC & UL
  - Halt
- ❑ Low-Cost, High-Volume Manufacturing

# Project Update



Past

Future

Planned work since last Program Review	Status
Develop Higher Efficiency Optics	Complete
Enhance Reflectivity and Increase Durability of Coatings	Complete
Increase Optics Durability	May-08
Reliability Validation - FMEA	Apr -08 start; Nov -08 Complete
Reliability Validation - IEC, HALT	July -08 start; Feb -09 Complete
Manufacturing Readiness >3MW Capacity	July -08 start; Apr -09 Complete

# Obstacle Discussion



- Certification lead times; looking to achieve shorter calendar time for tests; currently aligned with project schedule
- Raw material costs increasing; must align in order to achieve LCOE targets