



# **GRID Alternatives**

*Empowering communities in need by providing renewable energy and energy efficiency services, equipment and training*

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**3833 Manila Avenue | Oakland, CA 94609**  
**(510) 625-4730 phone | (510) 225-2585 fax**  
**[www.gridalternatives.org](http://www.gridalternatives.org)**

# Solar Affordable Housing Program

- a description of GRID Alternatives' flagship program -

- A proven, non-profit installation model using professional installers, trained volunteers, and green-job trainees
- Installed over 190 solar systems since 2004; 130 systems in the last 18 months
- Well-established homeowner outreach, system training, and education
- Professional in-house engineering, design, and installation staff
- Strong network of low-income community partners
- Financing partners (i.e. HUD, Habitat, non-profit orgs, charities, etc.)
- Negotiated below market equipment pricing; absolutely **NO** markup by GRID



*GRID Alternatives is both a nonprofit organization and a California licensed C-10 electrical contractor.*



## GRID Alternatives

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# Single-Family Low-Income Program (SFLI)



- SFLI Contracting completed December 12, 2008
- Program Goals
  - Program implemented in PG&E, SCE, SDG&E territories (completed Q4 '08)
  - By end of 2010: Install 1000 PV systems
  - By end of 2010: Identify the SFLI-eligible population in all 3 IOUs



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# SFLI Implementation Plan

- Statewide Offices

- Oakland location: HQ and covers PG&E service territory
- Carson location: covers SCE service territory
- San Diego location: covers SDG&E service territory
- Future offices: Fresno, Central Coast, North Central Valley
- SFLI contacts: (866) 921-4696 or [sfli@gridalternatives.org](mailto:sfli@gridalternatives.org)

- Eligibility & Performance Requirements

- The residence must be occupied by the homeowner
- The electric service bill must come from PG&E, SCE, or SDG&E
- The household's total income must be 80% or less of the area median income (AMI)
- The property must meet AB-2723 housing requirement
- System design must meet 95% EPBB Design Factor



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# SFLI Implementation Plan

- Client Outreach

- Identify the SFLI-eligible population in all 3 IOUs by end of 2010
- Collaboration with California Housing Partnership Corporation (CHPC) to develop database of SFLI-eligible housing
- Partner with local housing departments, Habitat for Humanity, non-profit housing providers, and development contractors to identify clients

- Installation: Based on GRID's proven, non-profit installation model using professional installers, trained volunteers, and green-job trainees.

- Energy Efficiency:

- Perform EE audits for all clients
- Enroll all eligible clients into LIEE program; implement EE measures prior to solar installation
- Implement EE measures for non-LIEE clients



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# SFLI Implementation Plan

- Incentives
  - Clients with <50% AMI receive free, 1 kW PV-solar system
  - Clients with <80 AMI receive variable incentive based on household tax liability and CARE participation
- Job Training
  - Partner with job training organizations to provide hands-on solar installation experience



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# SFLI Implementation Plan

- Protecting our Clients

- Only use **experienced, reputable installers**
- 100% third-party inspections on system installation and operability; inspectors selected by CPUC
- 15% third-party application inspections (client eligibility); inspector selected by CPUC
- Bi-annual evaluation: Independent Program Monitor reports directly to the CPUC

- Reporting and Accounting

- Quarterly Program Reports to CPUC
- Quarterly Financial and Accounting Reports to SCE
- Annual Financial Report to CPUC



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