

Single-Family Solar Affordable Homes (SASH) Program



Sarah Shimmin
Outreach Coordinator
GRID Alternatives, Bay Area



GRID Alternatives

- GRID Alternatives' mission is to empower communities in need by providing renewable energy and energy efficiency services, equipment and training.
- Non-profit 501(c)(3) organization
- Licensed solar electrical contractor
- Installs solar electric systems for low-income homeowners with the help of volunteers, job-trainees, and subcontractors
- Program Manager for Single-Family Affordable Solar Homes (SASH) Program



SASH (Single-Family Affordable Solar Homes) Program

- **\$108 Million** in ratepayer funds from California Solar Initiative
- CPUC is Program Administrator
- GRID Alternatives is Program Manager for SASH
- SASH Rebate covers 60-100% of solar-pv installation



Who We Serve

■ Homeowners

- ❑ Anyone who owns and occupies home with resale controls (i.e. affordability designation from HUD, City, County, non-profit housing developer)
- ❑ Tribal Members who own home or rent on land in trust (and occupy unit)

■ Earning <80% Area Median Income (AMI)

■ In Investor-Owned Utility Territory

- ❑ PG&E
- ❑ SCE
- ❑ SDG&E

■ With solar-friendly roof or open area for ground-mounted installation



Our Impact

- Benefits to average client:
 - ❑ 75% reduction in electric portion of utility bill for at least 25 years
 - ❑ \$50, 288 saved over system's lifetime*
 - ❑ Equivalent of 202 tons of GHG offset*

*Assumes 5 kW system (system size varies depending on home's annual electricity usage)



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Our Impact

- **725** solar electric systems (1.6 MW) installed in CA since 2004
- **5,692** volunteers trained since 2004
- **12** systems installed on Tribal Land in CA since 2010
 - 100% financed with SASH Rebate
- **8** Tribal Members awaiting installations
- **38** Tribal Members with applications in queue
- **10** job-trainees given a total of **472** hours of paid training/workforce development provided through SASH Tribal projects



GRID Alternatives

Install on Nor. Cal. Rancheria





Ground Mount Install on Nor. Cal. Rancheria





Ground Mount Install on Nor. Cal Rancheria





Ground Mount Install on Nor. Cal. Rancheria





Why Solar for Low-Income Families?

- Environment
 - Reduction of greenhouse gases
- Access to renewables for all
 - Low-income families need savings most
 - Costs are prohibitive
- Economic
 - High energy costs
 - Significant savings
- Energy Independence





Thank You!

- **Northern California/Bay Area**

- (510) 652-4730

- infoba@gridalternatives.org

- **Central Coast Office**

- (805)351-3344

- infocc@gridalternatives.org

- **Central Valley Office**

- (559) 261-4743

- infofresno@gridalternatives.org

- **Greater Los Angeles Office**

- (310) 324-8146

- info gla@gridalternatives.org

- **Inland Empire Office**

- (951) 272-GRID

- infoie@gridalternatives.org

- **San Diego Office**

- (619) 239-4743

- infosd@gridalternatives.org