

Single-Family Solar Affordable Homes (SASH) Program



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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



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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!

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