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**GRID**  
ALTERNATIVES

- Nonprofit founded by Erica Mackie, PE and Tim Sears, PE
- Piloted Solar Affordable Housing Program in 2004 in the San Francisco Bay Area
- Now in 10 offices serving CA, CO, NY, NJ, CT, DC, MD, VA, DE
- Washington D.C launch in September 2014





# California SASH Program

Full service non-profit contractor serving qualifying low-income homeowners:

- Client outreach
- Energy efficiency audit and referrals
- Turnkey solar installation
- Client education and follow-up
  - 10y labor warranty, 10-25y equipment warranty
- Workforce development - classroom on the roof

- Total Capacity: > **14 MW**
- Number of low-income solar electric systems installed to date: **>4,800**
- Value of power generated over the systems' lifetimes for low-income families: > **\$133.5M**
- Volunteers trained: **>19,000**
- Tons of greenhouse gas emissions prevented over the systems' lifetimes: **>420,000**

## Economic Justice

- High energy costs
- Proportionally greater economic benefit

## Widespread Adoption

- Moves solar beyond the “early adopter” phase; Solar is a viable energy solution for all our communities.



- **Hands-on experience people need to access solar jobs**
  - Team Leader Program
- **Local job training partners: GRID is the “teaching hospital”**
  - Community colleges, nonprofit job training groups, veterans organizations, local government agencies, etc.
- **Paid work opportunities through Subcontractor Partnership Program**





# Workforce Impacts to-date

**19,000 individuals** have received hands-on experience since 2004, and we've created **over 1,500\* paid job opportunities** with our for-profit solar industry partners

*\*As of February 2014*





# Who we partner with

- Homeowners
- Solar industry
- Affordable housing agencies and developers
- Municipalities
- Corporate sponsors
- Job training organizations
- Foundations
- Community volunteers



- Solar rebates
- Federal Incentive: ITC/MACRS
- Corporate Contributions
- Grants from Foundations and Municipalities
- In-Kind Donations
- Donations from Individuals
- Volunteers



# A Call to Action & Thank You!



[www.gridalternatives.org](http://www.gridalternatives.org)