

# Powering Community.

## Solar Programs for Underserved Communities

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# Our Vision



**A successful transition to clean, renewable energy that includes everyone.**



# About GRID Alternatives

- **Nation's Largest Solar Non-Profit**
  - 13 Regional Offices Across the US (CA, CO, NY/Tri-State, DC/Mid-Atlantic)
  - Total of 27 megawatts of solar installed
- **Provides Solar Solutions for Underserved Communities**
  - Over 7,500 solar projects installed for low-income residents throughout the country
- **Workforce Development and Volunteerism Model**
  - Over 28,000 individuals have been provided with hands-on training
- **Economic and Environmental Benefits**
  - Generate over \$211 million worth of clean, renewable power
  - Eliminate over 587,000 tons of greenhouse gas emissions



# GRID's Solar Services

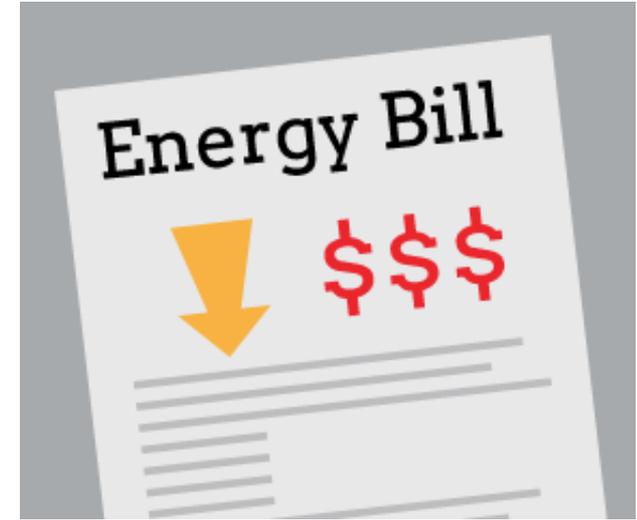
Type of Service	Single-family (Low-income homeowners)	Multifamily (Affordable multifamily housing owners)	Non-residential (Mission-aligned nonprofits)
Design & Installation	X	X	X
Workforce Development	X	X	X
Resident Education & Engagement	X	X	X
Technical Assistance		X	



# Solar Affordable Housing Program for Low-Income Homeowners

## Homeowner Benefits:

- 50-90% savings on electric bills through solar installed on home
- Referral to LIEE and CARE
- Warranty: 10 yr labor; 10-25 yr equipment manufacturer



## Local Worker Benefits:

- FREE Solar Job Training:
  - No experience needed
  - Hands-on with all equipment, materials, and lunch provided
  - Ages 16+ (18+ to be on roof)
  - Job placement support





# Low-Income Homeowner Eligibility Criteria

1. Own and live in home
2. Income qualified:  $\leq 80\%$  limits
3. Solar appropriate roof
4. Qualify for available low-income program rebates/funding (\$3/w-AC rebate available via SASH)

\* No credit check, high bills, or equity req'd

\* No liens placed on home

Household Size	Maximum Household Income
1	\$37,550
2	\$42,900
3	\$48,250
4	\$53,600
5	\$57,900
6	\$62,200
7	\$66,500
8	\$70,800
<i>(2016 San Bernardino County &amp; Riverside County Income Guidelines)</i>	



# Qualified Census Tract – Partial Project Funding via SASH



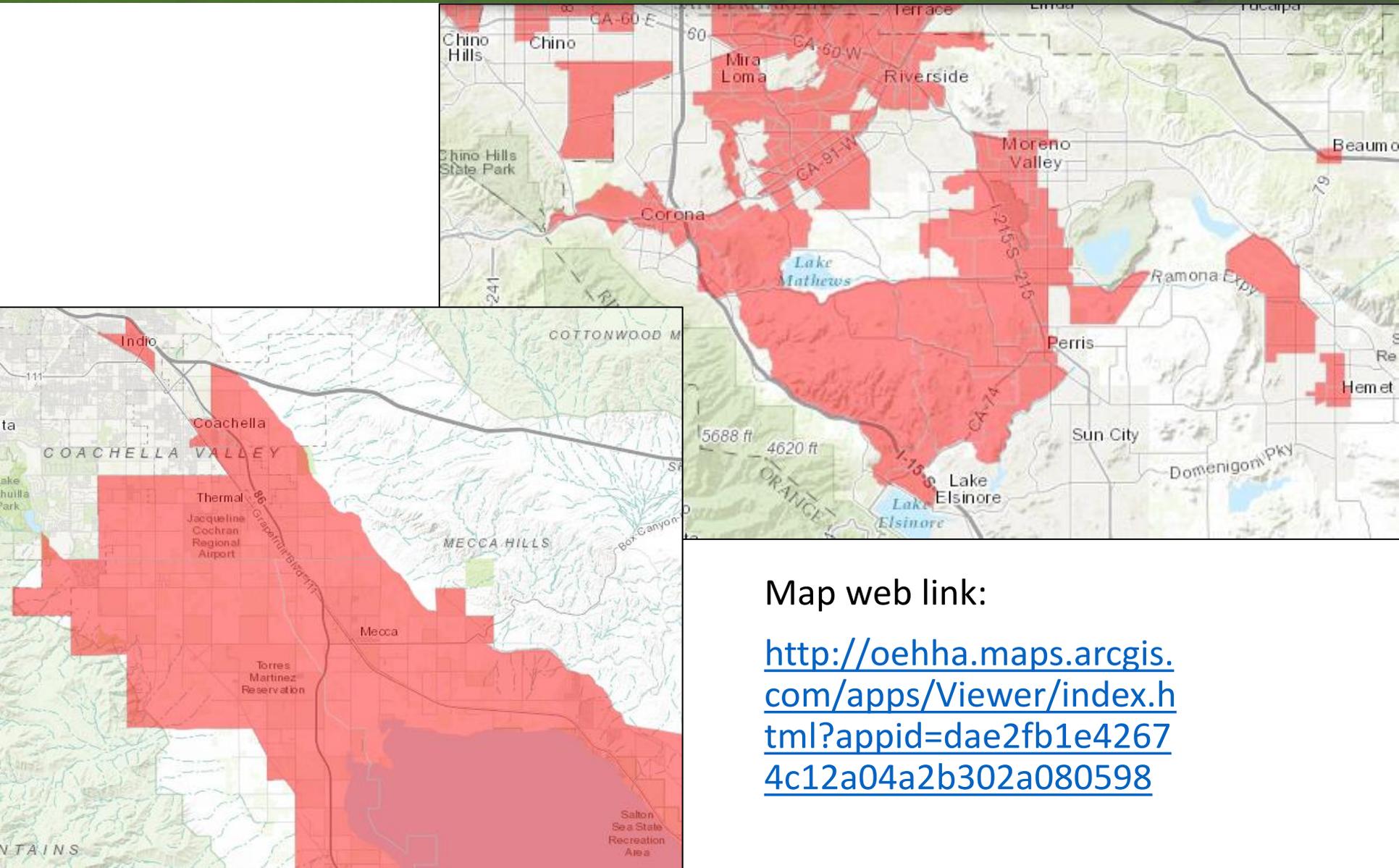
Map web link:

[https://www.huduser.gov/portal/sadda/sadda\\_qct.html](https://www.huduser.gov/portal/sadda/sadda_qct.html)

Also potentially eligible are single-family homes that meet PUC 2852 definition of affordable housing.



# Disadvantaged Communities (DAC) – Full Project Funding via State Cap & Trade



Map web link:

<http://oehha.maps.arcgis.com/apps/Viewer/index.html?appid=dae2fb1e42674c12a04a2b302a080598>



# Low-Income Homeowner Costs – Full Project Funding via State Cap & Trade

	SOLAR COMPANY	HERO/YGRENE/PACE	GRID ALTERNATIVES
<b>CREDIT SCORE</b>	Required	Required	Not Required
<b>LOAN TERM</b>	15 years	15 years	None
<b>INTEREST RATE</b>	4%	6%	None
<b>SUBTOTAL COST</b>	\$21,303	\$24,303	\$0
<b>FEDERAL TAX CREDIT (30%)</b>	(-\$4,800)	(-\$4,800)	None
<b>TOTAL COST</b>	\$16,503	\$19,503	\$0**
<b>YOU START SAVING</b>	9.6 years	11.3 years	Immediately

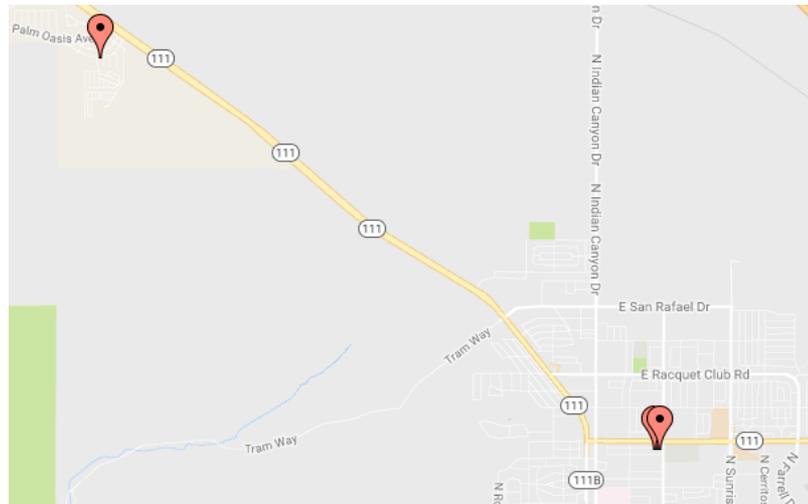
\*\*In Palm Springs, additional funding is needed to make the system \$0 cost for low-income families

Costs associated with a typical system size (4 kW-AC). Lifetime savings: \$43,000



# Impact in Palm Springs

- \$152,000 in savings for 4 low-income families
- 16.3 kW-DC solar installed
- \$76,000 invested by GRID





# PEOPLE . PLANET. EMPLOYMENT.



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