

Multifamily Affordable Solar Housing (MASH)

June 17, 2009



California **Solar** Initiative

Agenda

- California Solar Initiative (CSI) Background
- MASH Background
- Incentive Types
- Virtual Net Metering



California **Solar** Initiative

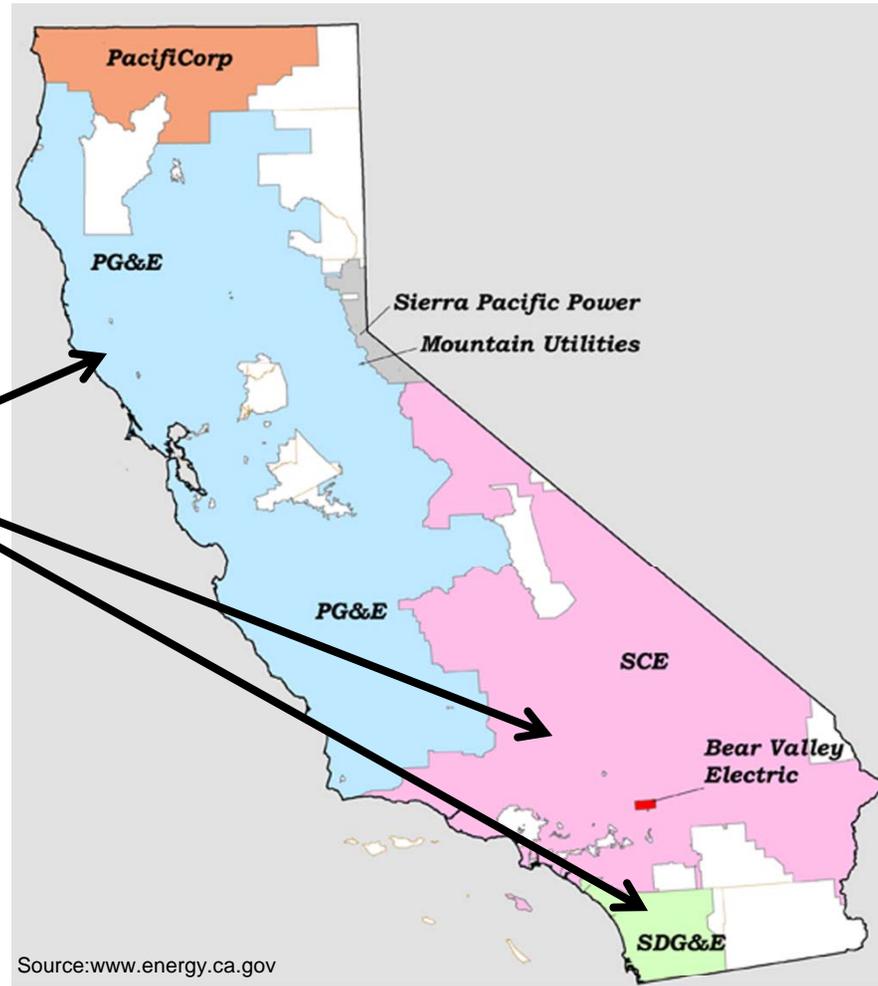
California Solar Initiative

- \$2.1B solar PV rebate program
- Administered by CPUC
- Designed to last 10 years (2007-2016)



California **Solar** Initiative

Available to customers in PG&E, SCE and SDG&E territories



California **Solar** Initiative

CSI Budget

Program Category	Budget (\$ Million)
General Market Program Subtotal	\$1,897
Low-Income Programs (10%)	\$217
Research, Development, Deployment and Demonstration (RD&D)	\$50
San Diego Solar Water Heating Pilot Program	\$2.6
Total California Solar Initiative Budget	\$2,167

Source: www.gosolarcalifornia.com



California **Solar** Initiative

Multifamily Affordable Solar Housing



Source: www.cooperativecommunityenergy.com



California **Solar** Initiative

MASH Program Goals

- **Stimulate adoption of solar power** in the affordable housing sector
- **Improve energy utilization** and overall quality of affordable housing through application of solar and energy efficiency technologies
- **Decrease electricity use and costs** without increasing monthly household expenses for affordable housing building occupants
- **Increase awareness and appreciation** of the benefits of solar among affordable housing occupants and developers



California **Solar** Initiative

What buildings qualify for MASH rebates?

Multifamily affordable housing that:

- Meets criteria in Pub. Util. Code 2852.a.2
 - Has a deed restriction
- Has an occupancy permit for at least **two** years



California **Solar** Initiative

What buildings do not qualify for MASH rebates?

- New Construction (occupancy permit <2 years)
 - New Solar Homes Partnership (NSHP)
 - Administered by CEC
- Single Family Low-Income Homes
 - Single Family Affordable Solar Housing (SASH)
 - Administered by GRID Alternatives



Source: www.gridalternatives.org



California **Solar** Initiative

Track 1

Provides rebate based on the size of the system installed

- 1A Offset Common Area Load = \$3.30/Watt
- 1B Offset Tenant Area Load = \$4.00/Watt
- Projects can be a combination of Track 1A and Track 1B



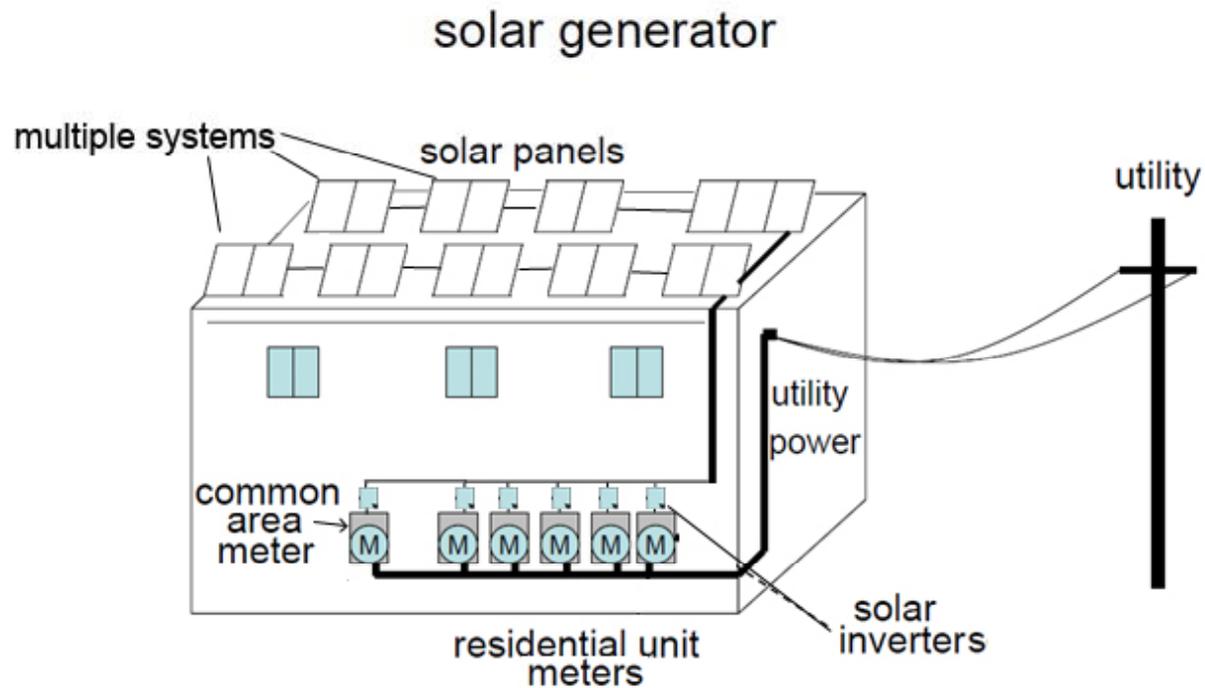
California Solar Initiative

Track 2

- Incentive amount varies
- Allows applicants to compete for higher incentives above the track one level if additional tenant benefit is demonstrated in the following categories:
 - Direct financial benefit,
 - Energy efficiency upgrades
 - Outreach and education
 - Green job training or creation
- Grant style application format

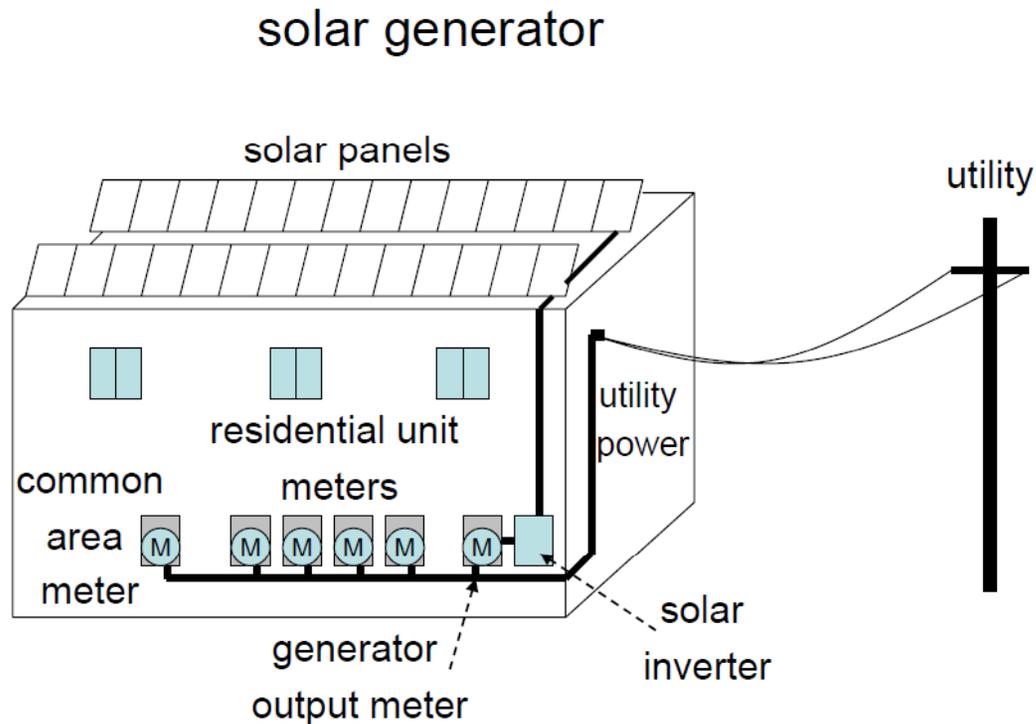


California Solar Initiative



California Solar Initiative

Virtual Net Metering System



Source: www.cpuc.ca.gov



California **Solar** Initiative

Contact Information (SDGE Territory)

California Center for Sustainable
Energy
8690 Balboa Ave., Suite 100
San Diego, CA 92123

Jeremy Hutman, Program Manager
Multifamily Affordable Solar Housing

858-244-7281
MASH@energycenter.org
www.energycenter.org/mash

Contact Information (SCE Territory)

Southern California Edison
6042A North Irwindale Ave.
Irwindale, CA 91702

Aileen Lagbao, Program Manager
Multifamily Affordable Solar Housing

800-799-4177 (General Questions)
866-584-7436 (Program
Administration)
CSIGroup@sce.com
www.sce.com/CSI

