

# CALIFORNIA SOLAR INITIATIVE

**California Solar Initiative**  
California Public Utilities Commission  
NARUC/INE Partnership  
February 2008

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# CALIFORNIA SOLAR INITIATIVE

## CSI Program Goals

- Statewide goals
  - 3,000 MW of new distributed solar generation by 2016
  - Create a self-sustaining solar industry free from ratepayer subsidies after 2016
- CPUC portion of the statewide goal
  - 1,940 MW in investor-owned utility territories



Photo: Brian Peterson, Sierra Nevada Brewing Company, Chico, CA  
California Solar Initiative Funded System, 1,200 kW, September 2007  
Installer: Chico Electric

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## Program Demand Statistics

All data from Jan 1 – Dec 31, 2007

- Capacity of CSI Applications
  - 31.8 MW Residential
  - 176.8 MW Non-Residential
  - 208.6 MW Total
  - = \$558 million in incentives
- Number of Applications
  - 6,712 Residential
  - 829 Non-Residential
  - 7,541 Total
- Installed Projects
  - 17.9 MW
  - 2,719 Completed Projects



Photo: Travis Richardson, Hansen Trust Farms, Fillmore, CA  
105 kW California Solar Initiative Funded System, June 2007  
Installer: GW Richardson Heating & Air Conditioning, Inc.  
Engineer/Designer: Kris Sutton, Travis Richardson

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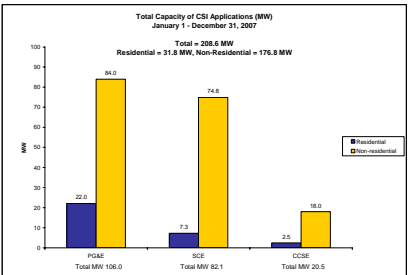


# CALIFORNIA SOLAR INITIATIVE

## CSI Demand (MW) by Territory


Total Capacity of CSI Applications (MW)  
January 1 - December 31, 2007

Total = 208.6 MW  
Residential = 31.8 MW, Non-Residential = 176.8 MW



Territory	Residential (MW)	Non-Residential (MW)	Total (MW)
PG&E	22.0	84.0	106.0
SCE	7.3	74.5	82.1
CCEC	2.5	18.0	20.5

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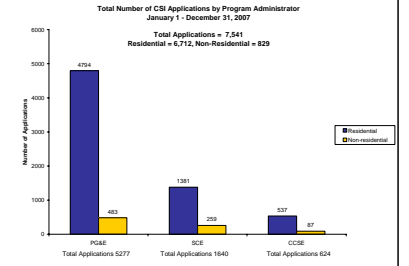


# CALIFORNIA SOLAR INITIATIVE

## CSI Demand (# apps.) by Territory


Total Number of CSI Applications by Program Administrator  
January 1 - December 31, 2007

Total Applications = 7,541  
Residential = 6,712, Non-Residential = 829



Territory	Residential (# apps.)	Non-Residential (# apps.)	Total (# apps.)
PG&E	4704	463	5277
SCE	1361	239	1640
CCEC	527	67	624

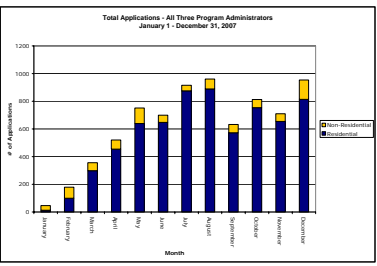
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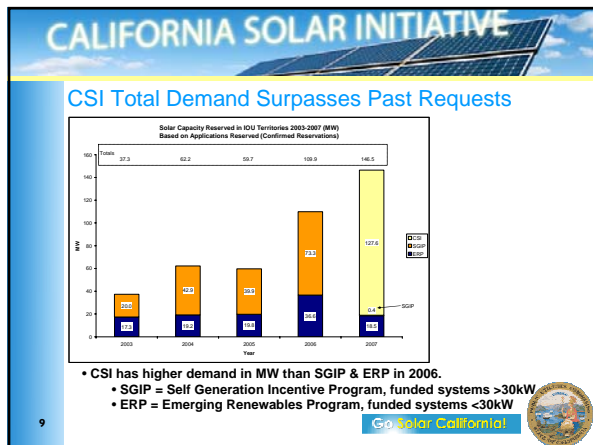
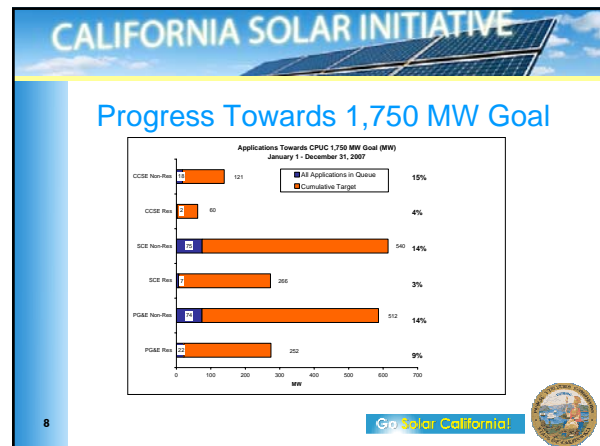
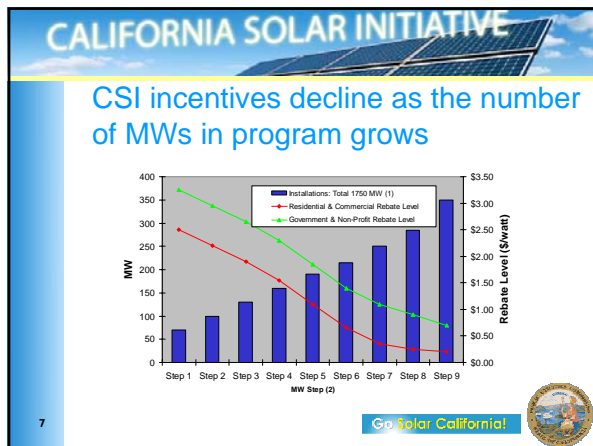
## CSI Applications by Month

Total Applications - All Three Program Administrators  
January 1 - December 31, 2007



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## CALIFORNIA SOLAR INITIATIVE

### Early Lessons

Photo: Ericson Solar, Residence of Charles and Debbie McKee, Placerville, CA. California Solar Initiative Funded System installed Spring 2007, 5.2 kW. Installer: Ericson Solar.

- Program Rollout Issues
  - Administrative streamlining – reduced paperwork to ease burden
  - Numerous petitions to modify program (largely done)
- Quarterly Program Forums
  - have allowed CPUC to receive industry feedback
- Staff Progress Reports –
  - have allowed CPUC to provide public access to early program data

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### Other CSI Program Components

- Research Development, Deployment and Demonstration (RD&D)
  - CPUC Adopted in September 2007
  - Energy Division working to get a Program Manager selected
- Low-income incentive programs
  - Single Family Program Adopted in November 2007
  - Energy Division working to get a Program Manager selected for Single Family Program
  - Multifamily Low-Income Program Under Development
- Solar Hot Water Pilot Program
  - Program Launched in July 2007

Photo: Pritesh Sampat, La Habra Heights. Installer & Seller: AMECO, Long Beach, CA. California Solar Initiative Funded System 2007, 6.2 kW.

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## CALIFORNIA SOLAR INITIATIVE

### Marketing and Outreach

- Nearly 3,000 installers attended trainings hosted by program administrators in 2007
- Over 1,300 people are receiving CSI electronic newsletter monthly
  - Sign up on CPUC's Solar Initiative webpage: <http://www.cpuc.ca.gov/PUC/energy/solar/>

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More CSI Program details available in January Staff Progress Report:

<http://www.cpuc.ca.gov/PUC/energy/solar/>

### California Solar Initiative

California Public Utilities Commission  
Staff Progress Report  
January 2008



