

CALIFORNIA

SOLAR JOBS CENSUS 2017

There are 250,271 Americans working in solar as of 2017, according to The Solar Foundation's latest *National Solar Jobs Census*. Visit SolarStates.org to view an interactive map of solar jobs by state, county, metro area, and congressional district. California has the highest number of solar workers in the country by far, with over 86,000 Californians working in solar.



STATE SOLAR JOBS



86,414
Solar Jobs



1
State Ranking for
Solar Jobs

3
State Ranking for
Solar Jobs Per Capita

-13,636 New Solar Jobs,
2017

14% Solar Jobs
Growth, 2017

13.3% Projected Jobs
Growth, 2018

51 State Rank
by Solar Jobs
Added in 2017



SOLAR JOBS BY SECTOR

Installation:



46,489

(13% decrease ↓ from 2016)

Manufacturing:



11,683

(25% decrease ↓)

Sales &
Distribution:



11,476

(16% decrease ↓)

Project
Development:



10,000

(10% decrease ↓)

Other:



6,765

(3% increase ↑)



SOLAR INDUSTRY CONTEXT

21,073 MW

Cumulative Installed
Solar Capacity¹

1 State Ranking for
Installed Solar Capacity¹

2,653

Solar Companies²

15.56%

of State's Electricity
Generation from Solar³

Enough Solar to Power **5,533,146** Homes¹

1,946

K-12 Solar Schools⁴

14.5%

K-12 Schools
Have Gone Solar⁴

Top Metropolitan Statistical Areas for Solar Jobs

18,421
Los Angeles-Long Beach-Santa Ana

24,474
San Francisco-Oakland-Hayward

10,893
San Diego-Carlsbad-San Marcos

6,025
Sacramento-Arden-Arcade-Roseville

5,608
Riverside-San Bernardino-Ontario



CALIFORNIA

DID YOU KNOW?
On March 4th, 2018, the peak percentage of solar energy on California's grid hit an all-time record of 50 percent.



SOLAR POLICY CONTEXT

A

Net Metering Policy Grade⁵

A

Interconnection Policy Grade⁵

Community Solar:⁶
Legislation Enacted

Renewable Portfolio Standard:⁷

50%
by 2030

Legal Status of Third-Party Ownership:⁷

Authorized by state or otherwise currently in use, at least in certain jurisdictions within the state

6 State Ranking for Average Electricity Price (Highest to Lowest)³

Renewable Portfolio Standard Solar Carveout:⁷

N/A

Property Assessed Clean Energy Financing (PACE) Status:⁸

PACE-enabling Legislation; Active Commercial and Residential PACE Programs

16.21 cents/kWh
Average Electricity Price³

¹ Solar Energy Industries Association (SEIA) and GTM Research, *U.S. Solar Market Insight*

² SEIA, National Solar Database

³ U.S. Energy Information Administration

⁴ The Solar Foundation, SEIA, and Generation 180, *Brighter Future: A Study on Solar in U.S. Schools, 2nd Edition*

⁵ *Freeing the Grid 2015*, a joint project of Vote Solar, Interstate Renewable Energy Council, and EQ Research

⁶ Shared Renewables HQ, an initiative of Vote Solar in partnership with Lee Barken

⁷ North Carolina Clean Energy Technology Center at North Carolina State University, Database of State Incentives for Renewables and Efficiency

⁸ PACENation