There are 249,983 Americans working in solar as of 2019, according to The Solar Foundation’s latest National Solar Jobs Census. Visit SolarStates.org for details on solar jobs in all 50 states, the District of Columbia, and Puerto Rico.

Despite three years of job losses, California remains by far the top solar employer in the United States. California is poised for very strong growth if the state continues its leadership in support of renewable energy.

**STATE SOLAR JOBS:** 74,255

1. STATE RANKING FOR SOLAR JOBS
2. New Solar Jobs, 2019
-2,583
3. Solar Jobs Growth, 2019
-3.4%
4. State Rank by Net Solar Jobs Added, 2019
52
5. Projected Jobs Growth, 2020
10%
6. Percentage of State Solar Workers Who Are Veterans
6.2%

**STATE RANKING FOR SOLAR JOBS PER CAPITA**

**INSTALLATION**

46,609
(4% decrease)

**MANUFACTURING**

10,079
(3% decrease)

**WHOLESALE TRADE & DISTRIBUTION**

10,322
(0.3% increase)

**OPERATIONS & MAINTENANCE**

2,584
(6% decrease)

**OTHER**

4,661
(8% decrease)

**SOLAR INDUSTRY CONTEXT**

27,406 MW
CUMULATIVE INSTALLED SOLAR CAPACITY¹

1. STATE RANKING FOR INSTALLED SOLAR CAPACITY¹

ENOUGH SOLAR TO
POWER 7,688,518 HOMES¹

2,994
Solar Companies²

19.89%
of State’s Electricity Generation from Solar³

Learn more at SolarStates.org
TOP METROPOLITAN STATISTICAL AREAS FOR SOLAR JOBS

20,815 San Francisco-Oakland-Fremont
14,874 Los Angeles-Long Beach-Santa Ana
9,262 San Diego-Carlsbad-San Marcos
5,436 Riverside-San Bernardino-Ontario

DID YOU KNOW?
Title 24 went into effect this year, requiring that all single-family homes and multi-family buildings as high as three stories be solar-ready or equipped with solar PV systems.4

SOLAR POLICY CONTEXT

Solar installations up to 1 MW receive compensation for solar sent back to the grid credited at the retail rate. There is no limit to the number of systems covered under net metering. Net metering customers are automatically enrolled in time-of-use rates and must pay non-bypassable charges, which are per-kWh charges built into electric rates (2-3 cents/kWh).

RENEWABLE PORTFOLIO STANDARD9

60% by 2030
100% by 2045

PROPERTY ASSESSED CLEAN ENERGY FINANCING (PACE) STATUS10
PACE enabling legislation; Active commercial and residential PACE programs

STATE INSTALLER LICENSING REQUIREMENTS6

State PV Specialty License

COMMUNITY SOLAR PROGRAM GRADE7
C+

COMMUNITY CHOICE AGGREGATION STATUS8
CCA enabling legislation

LEGAL STATUS OF THIRD PARTY OWNERSHIP9
Authorized by state, at least in certain jurisdictions

RENEWABLE PORTFOLIO STANDARD CARVEOUTS9
N/A

STATE RANKING FOR AVERAGE ELECTRICITY PRICE3
(Highest to Lowest)

16.58 CENTS/KWh

Did you know
Title 24 went into effect this year, requiring that all single-family homes and multi-family buildings as high as three stories be solar-ready or equipped with solar PV systems.4

1 Wood Mackenzie, Limited and the Solar Energy Industries Association (SEIA), U.S. Solar Market Insight
2 SEIA, National Solar Database
3 U.S. Energy Information Administration
5 Based on Freeing the Grid 2015, Vote Solar, Interstate Renewable Energy Council (IREC), and EQ Research. Grades updated by The Solar Foundation
6 IREC, National Solar Licensing Map
7 IREC, 2019 National Shared Renewables Scorecard
8 Local Energy Aggregation Network, https://leanenergyus.org/CCA-by-state/
9 North Carolina Clean Technology Center at North Carolina State University, Database of State Incentives for Renewables and Efficiency
10 PACENation, available at pacenation.us/pace-programs/
* California has two active community solar programs. “C+” refers to the Virtual Net Metering Program. The state’s Enhanced Community Renewables Program received a “D.”