

SOLAR DATA *cheat sheet*

People are currently employed by the solar industry¹

263,883

162.8 GW

Amount of solar currently installed in the U.S.

Value of the U.S. solar market in 2022

\$36.3 billion

Today, over **5%** of U.S. electricity comes from solar energy, almost **11** times its share a decade ago

To help address climate change, the solar industry set a goal to reach...

30% electricity generation by **2030**

Number of solar businesses in the U.S.³

10,000+

4,656,138

Number of solar energy systems installed in the U.S.

Solar PV price decline over the past 10 years

42%

Top corporate solar users through June 2022

1. Meta - 3,588.1 MW
2. Amazon - 1,114.5 MW
3. Apple - 987.3 MW
4. Walmart - 688.9 MW
5. Microsoft - 550.6 MW
6. Target - 515.1 MW
7. Cargill - 342.0 MW
8. Kaiser Permanente - 302.5 MW
9. Anheuser-Busch - 300.7 MW
10. Evraz North America - 300.0 MW

Carbon emissions reduced:

183 million

metric tons annually, equivalent to:



41 million

vehicles off the road



21 billion

gallons of gas not used



3.0 billion

trees planted



Shuttering 49

coal-fired plants

State ranking by cumulative solar capacity

1. California - 43,244 MW
2. Texas - 20,028 MW
3. Florida - 12,877 MW
4. North Carolina - 8,648 MW
5. Arizona - 6,731 MW
6. Nevada - 6,299 MW
7. Georgia - 5,485 MW
8. New York - 4,937 MW
9. Virginia - 4,703 MW
10. New Jersey - 4,696 MW

24%

average annual growth of the solar market over the past 10 years

500 GW

of new solar capacity will be installed over the next 10 years...

4 times greater

than the amount installed through 2022

In the first three quarters of 2023, solar comprised

48%

of all new generating capacity

There is enough solar energy installed in the U.S. to power

29.6 million households⁴

15%

of U.S. homes will have a solar PV system by 2030

In 2022, a new solar project was installed every



44 seconds