

# SOLAR DATA *cheat sheet*

People are currently employed by the solar industry<sup>1</sup>

**255,037**

**135.7 GW**

Amount of solar currently installed in the U.S.

Value of the U.S. solar market in 2021

**\$33.0 billion**

Today, nearly **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.<sup>3</sup>

**10,000+**

**3,841,026**

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

Solar PV price decline over the past 10 years

**52%**

## Top corporate solar users through June 2022

1. Meta - 398.3 MW
2. Amazon - 369.0 MW
3. Apple - 331.0 MW
4. Walmart - 284.8 MW
5. Microsoft - 245.3 MW
6. Target - 181.8 MW
7. Cargill - 179.0 MW
8. Kaiser Permanente - 133.7 MW
9. Anheuser-Busch - 119.5 MW
10. Evraz North America - 81.4 MW

## Carbon emissions reduced:

**151 million**

metric tons annually, equivalent to:



**33 million** vehicles off the road



**16.5 billion** gallons of gas not used



**2.5 billion** trees planted



**Shuttering 41** coal-fired plants

## State ranking by cumulative solar capacity

1. California - 38,145 MW
2. Texas - 16,173 MW
3. Florida - 9,791 MW
4. North Carolina - 8,147 MW
5. Arizona - 6,087 MW
6. Nevada - 5,039 MW
7. Georgia - 4,574 MW
8. New Jersey - 4,270 MW
9. New York - 4,041 MW
10. Massachusetts - 4,037 MW

**33%**

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

**544 GW**

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

**4 times greater**

than the amount installed through 2021

In Q3 2022, solar accounted for

**45%**

of all new generating capacity

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

**24.0 million households<sup>4</sup>**



**13%**

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

In 2021, a new solar project was installed every



**60 seconds**