

# SOLAR DATA *cheat sheet*

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

**255,037**

**149.5 GW**

Amount of solar currently installed in the U.S.

Value of the U.S. solar market in 2022

**\$36.0 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+**

**4,233,150**

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

Solar PV price decline over the past 10 years

**54%**

## 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:

**169 million**

metric tons annually, equivalent to:



**38 million** vehicles off the road



**19 billion** gallons of gas not used



**2.8 billion** trees planted



**Shuttering 45** coal-fired plants

## State ranking by cumulative solar capacity

1. California - 40,977 MW
2. Texas - 18,273 MW
3. Florida - 11,747 MW
4. North Carolina - 8,407 MW
5. Arizona - 6,457 MW
6. Nevada - 5,409 MW
7. Georgia - 5,041 MW
8. New Jersey - 4,512 MW
9. New York - 4,470 MW
10. Virginia - 4,314 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 Q1 2023, solar comprised

**54%**

of all new electric generating capacity

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

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



**15%**

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

In 2022, a new solar project was installed every



**44 seconds**