

# SOLAR DATA *cheat sheet*

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

**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.<sup>3</sup>

**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**  
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**