

6 STATS

ABOUT SOLAR ENERGY



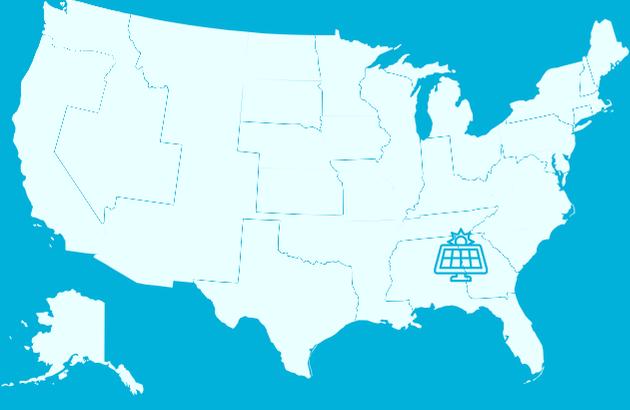
Maybe you have passed a home or business with solar panels and thought, "I wonder if that could work for me?" Well, wonder no more! As you can see with the stats on this page, solar has and continues to be, an outstanding value proposition for both pocketbook and planet.



"I would put my money on the sun and solar energy. What a source of power! I hope we don't have to wait for oil and coal to run out before we tackle that."
- Thomas Edison

132 Sq Mi

The area of the United States needed to be covered with solar panels to power the entire country. This space is the equivalent of a metropolitan area such as Atlanta, Georgia or Portland, Oregon.



Source: Sierra Club

2 Million

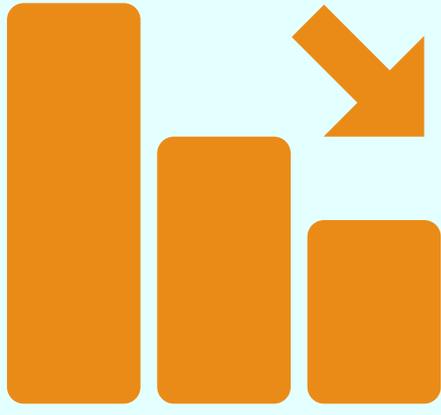
In Q1 2019 the United States passed 2 million solar system installations and is on pace for 3 million by 2021 and 4 million installs by 2023.



Source: SEIA

40%

Solar module prices are projected to drop by 40% (from \$0.30/watt to \$0.18/watt) over the next five years. This decline is on top of the 100% reduction over the last five years.



Source: Wood Mackenzie

360 sq ft

The average U.S. home requires an area of approximately 360 square feet (15 400-w panels) to meet all of its electrical needs using today's higher efficiency panels. As a point of comparison, the average American residential roof is 3,000 square feet.



Source: Solar-Estimate.org

\$20,000

The average 6-kilowatt solar system in a typical residential electricity market will save a homeowner \$20,000 over 20 years of use. In markets with higher rates, such as those found in Massachusetts or New York, this can easily surpass \$40,000.



Source: EnergySage

25 - 30 Years

As a general rule of thumb, solar panels last about 25 to 30 years and can carry warranties for similar periods. Since they have no moving parts, solar panels can continue producing electricity for even longer than this. However, they do so at a lower level of performance.



Source: US DOE