NORTH AMERICAN SOLAR POWER SCORE CARD

U.S. Solar Power

Total grid-connected PV generating capacity for the U.S., to the end of Q1/2022:
•125,400 megawatts (125.4 GW)

Growth in PV generated capacity during Q1/2022:
•3,900 MW of new solar PV capacity.

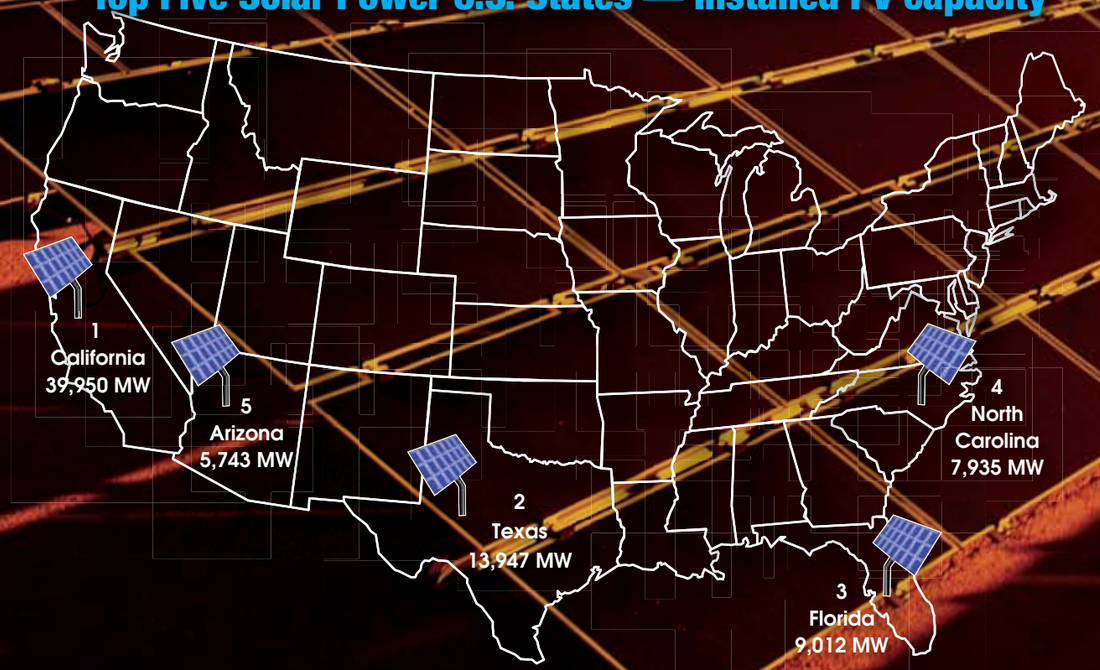
► The U.S. has total installed solar power capacity to power 22 million American homes. Solar accounted for 50 percent of all new electricity-generating capacity added in the U.S. in Q1/2022.

► Residential solar had its largest quarter in history in Q1, with 1.2 GW installed, a 30 percent increase year-over-year. However, installations slowed in other segments due largely to supply chain challenges.

► Utility-scale solar had its lowest quarter since Q3 2019, with 2,173 MW installed, a 41 percent decrease from Q1 2021 and a 64 percent decrease from Q4 2021. This was primarily due to supply chain constraints and shipment delays exacerbated by trade policy disruptions in the second half of 2021. The announcement from the Biden administration to waive tariffs on solar panels creates 2 to 3 GWdc of upside to industry forecasts, according to the Solar Energy Industries Association (SEIA).

► According to SEIA, 231,000 Americans are now working in solar power related industries, and 3,326,855 solar energy systems have been installed nationwide.

Top Five Solar Power U.S. States — Installed PV capacity



Top Five U.S. PV Solar Installations that came online in 2021

1. Eunice Solar, Texas - 420 MW
2. Juno Solar, Texas - 300 MW
3. Greasewood, Texas - 255 MW
4. Taygete, Texas - 255 MW
5. Prospero Solar II, Texas - 252.9 MW

MW figures are MW-DC. Source: Solar Energy Industries Association (SEIA, www.seia.org), American Clean Power Association (cleanpower.org).

Canada – Solar Power

Total major solar energy capacity, end of 2021: 2,399 MW *
Installed in 2021: 288 MW

Canadian Solar Power Initiatives

► The growth in solar power in Canada in 2021 was 13.6 percent, with almost all of this growth occurring in the province of Alberta (250 MW), with small amounts added in the provinces of Saskatchewan (21 MW), Quebec (9.5 MW), Nova Scotia (4.8 MW), Ontario (0.3 MW), Yukon Territory (1.5 MW) and Prince Edward Island (0.1 MW).

► Canada added its biggest solar farm in 2021, the 132 MW Claresholm Solar project in Alberta.

► The Canadian Renewable Energy Association (CanREA) anticipates at least 1,000 MW of new solar energy being added in 2022. Some 18 new "major" (10 MW and up) solar projects should become operational in 2022, of which 16 are anticipated to be in Alberta and two in Saskatchewan. Canada's biggest solar farm will become the new Travers Solar Project in Alberta, with a capacity of 465 MW.

► However, in order to meet Canada's net-zero targets, CanREA says solar power generation must expand at an unprecedented scale: about 1,600 MW of new solar-energy capacity and 3,800 MW of new wind energy capacity every year from now until mid-century. This represents a 10-fold expansion by 2050.

**The Canadian figures do not include additions to behind-the-meter, rooftop, and other indirectly or unconnected grid installations.*
Source: Canadian Renewable Energy Association www.renewablesassociation.ca