

NORTH AMERICAN SOLAR POWER SCORE CARD

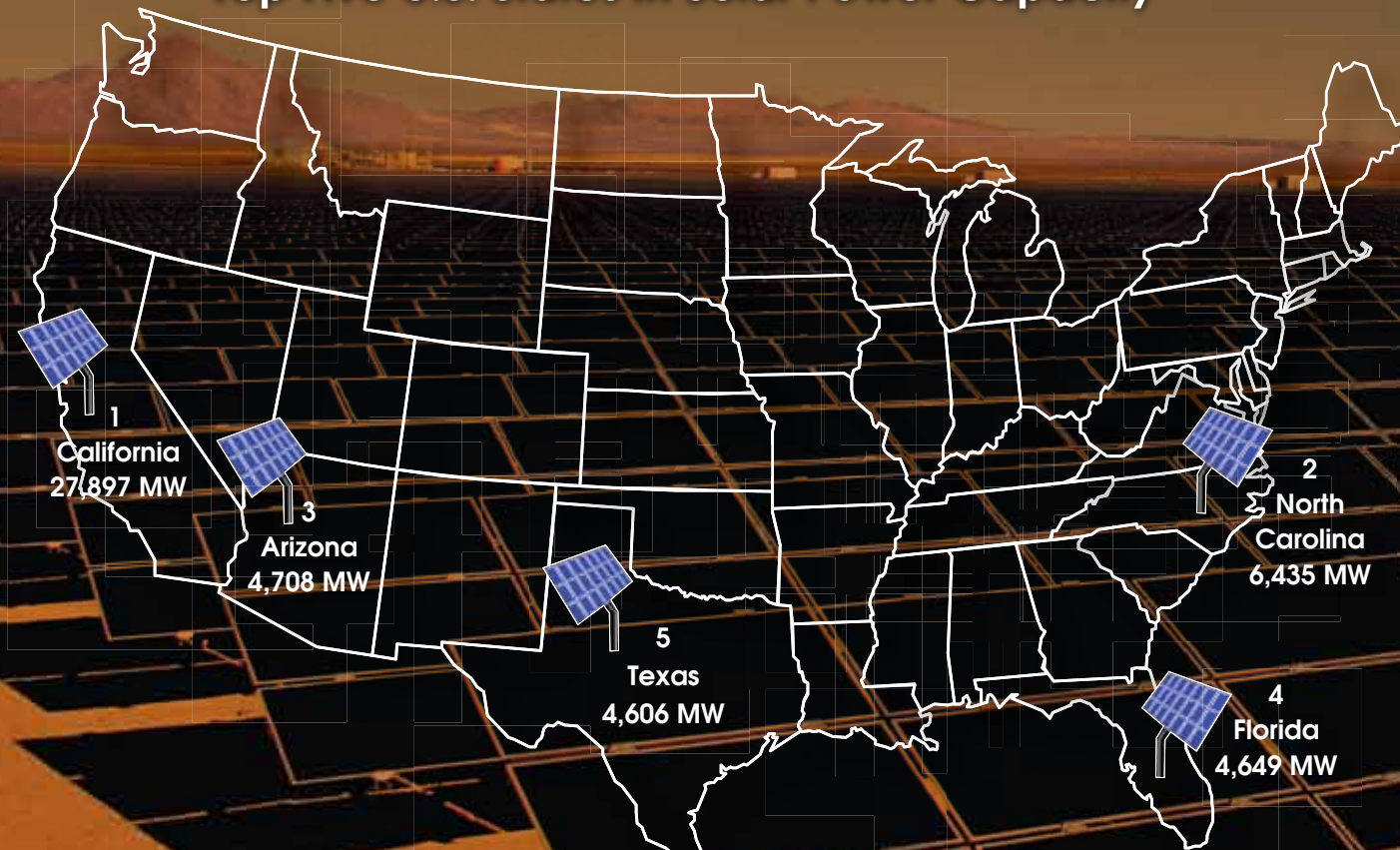
U.S. SOLAR POWER

Total grid-connected PV generating capacity for the U.S., as of the end of Q1, 2020: 81,400 megawatts (MW)

Growth in PV generated capacity during 2019: 13,300 MW of new solar PV

- * Solar power accounted for nearly 40 percent of all new electricity generating capacity added in the U.S. in 2019, the largest annual share in the industry's history.
- * The U.S. solar market installed 3.6 gigawatts (GW) of new solar photovoltaic (PV) capacity in Q1 2020, representing its largest first quarter ever in the U.S.
- * The COVID-19 pandemic is having a significant impact on the U.S. solar industry, but overall, the Solar Energy Industries Association (SEIA) and consulting firm Wood Mackenzie forecast 33 percent growth in 2020, owing entirely to the strong performance of the utility-scale segment, which is expected to account for more than 14 GW of new installations this year.

Top Five U.S. States in Solar Power Capacity



Top Five U.S. PV Solar Installations

1. Solar Star, California – 579 MW
2. Copper Mountain, Nevada – 552 MW
- 3./4. (Tied) Topaz Solar Farm and Desert Sunlight Solar Farm, California - 550 MW
5. Mount Signal Solar, California – 460 MW

MW figures are MW-DC. Source: Solar Energy Industries Association (SEIA).

Canada Solar Power

Total PV grid-connected capacity, end of 2019: 3,196 MW

Installed in 2019: 102 MW

Canadian Solar Power Initiatives

- * The Government of Canada launched the long-awaited Greening Government initiative, a power purchase agreement (PPA) program, with a request for information regarding the procurement of up to 280,000 MWh per year in newly-built solar PV and wind generation capacity. It is designed to offset federal government operations within the province of Alberta, as well as an additional 240,000 – 360,000 MWh per year in Renewable Energy Certificates (REC) to offset Federal electricity emissions in other provinces.
- * Edmonton International Airport in Alberta has announced plans to build Airport City Solar, the largest airport-based solar farm in the world. The 120-megawatt solar farm will generate enough energy to power 27,000 homes, and is being built by European renewable energy company Alpin Sun. It will consist of 340,000 solar panels. At 627 acres, it is roughly the size of 313 football fields.
- * The Travers Solar Energy project in Alberta, which will be Canada's largest solar power project, has received a key \$500-million investment from a Denmark-based investment group—and the world's largest renewable energy fund—Copenhagen Infrastructure Partners. The 1,900-hectare project is being built by Calgary-based Greengate Power Corp. It will feature 1.5 million solar panels.
- * The Government of Prince Edward Island launched the province's first solar incentive program, the Solar Electric Rebate Program. The program provides a financial incentive for island homeowners, farms, and businesses to install solar PV panels.
- * The clean energy sector employs 298,000 Canadians in a wide range of jobs: building and maintaining solar, wind and hydro projects, developing clean technologies, manufacturing electric vehicles and producing renewable fuels.

Source: Canadian Solar Industries Association (CanSIA) www.cansia.ca
 Note: Effective July 1, 2020, the Canadian Solar Industries Association and the Canadian Wind Energy Association (CanWEA) united to form a new, expanded association that also includes energy storage: the Canadian Renewable Energy Association is the new renewables multi-technology industry association.