

NORTH AMERICAN SOLAR POWER SCORE CARD

U.S. SOLAR POWER

Total grid-connected PV generating capacity for the U.S., end of Q1, 2019: 67,000 MW

The growth in PV generated capacity during 2018: 10,600 megawatts

- * A report from the Solar Energy Industries Association (SEIA) says that total installed U.S. PV capacity will more than double over the next five years, with annual installations reaching 16.4 GW in 2021.
- * In Q1 2019, the U.S. solar market surpassed 2 million installations—just three years after the market surpassed the 1 million installation milestone.
- * California and North Carolina remain the two largest solar states, with California topping 25,000 MW of solar power, and North Carolina now exceeding 5,400 MW of solar power.



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, California - 550 MW 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 2018: 3,094 MW

Installed in 2018: 161 MW

Canadian Solar Power Initiatives

- * Canada's federal government has announced the Climate Action Incentive Fund (CAIF) to help fight climate change. Under the CAIF program, small- and medium-sized enterprises could be eligible to receive up to 25 percent of their energy efficiency project costs. Eligible projects include the production of renewable energy, including solar energy projects.
- * In its budget, the Canadian government announced new investments in moving Canada to a cleaner energy future based on renewable power and smart technologies. Particularly notable investments include \$2.2 billion in additional infrastructure funding for communities, including for community energy systems; support for planning efforts by jurisdictions looking to advance clean energy projects; and actions to help smooth Canada's transition away from coal-fired power.
- * Canada's Ministry of Natural Resources has announced support for the Suffield Solar Project. The \$50 million project developed by Canadian Solar Solutions Inc. and located in Southern Alberta will be the first in Canada to use bi-facial solar photovoltaics at a large scale. When complete, the Suffield Solar Project will generate 23 MW, which will power approximately 7,400 homes each year and employ around 250 people during the construction period.
- * During 2019, Ontario Power Generation (OPG) completed its first-ever 44-megawatt solar facility at the former Nanticoke Generating Station site. Located near Port Dover on the shores of Lake Erie, the former coal-powered Nanticoke Generating Station was first brought into service in 1972 and had a peak capacity of approximately 4,000 megawatts of power. The station burned its last piece of coal on Dec. 31, 2013.

Source: Canadian Solar Industries Association (CanSIA) www.cansia.ca, Natural Resources Canada/Government of Canada