AMERICAN NORT

New Jersey

1,489 MW

5^JNorth

Carolina

1.011 MW

United States

Installed Solar Generating Capacity, end of 2014: 20,000 MW Installed Solar Generating Capacity, end of Q1, 2015: 21,300 MW At the end of Q1 2015, there were 692,000 solar energy systems installed in the U.S.

Top Five States—Grid Connected Capacity



Top Five U.S. PV installations

- 1. Desert Sunlight Solar Farm, Riverside County, California 673 MW
- 1. Topaz, San Luis Obispo County, California 673 MW
- 2. Solar Star, California (still under construction) 535 MW
- 3. Aqua Caliente, Yuma, Arizona 333 MW
- 4. California Valley Solar Ranch, California 287 MW

MW figures are MW-DC. Capacity numbers are through Q1 2015, and the major projects are through the end of 2014 Source: SEIA/GTM Research U.S. Solar Market Insight

Canada

Canada's total PV grid-connected capacity: 1,843 MW PV installed in 2014: 631 MW

The province of Ontario, Canada's leading solar market, ranks third in solar power in North America; its installed capacity is greater than all but two U.S. states. Ontario has over 99 percent of Canada's solar generation.

Ontario had more than 120 watts per capita of solar power at the end of 2014 (about one solar module for every two Ontarians). The Northwest Territories and Prince Edward Island, two of Canada's least populated jurisdictions, are in first and third place, in terms of per capita solar power; and Saskatchewan, with one of Canada's best solar resources, is at number two.

The Canadian Solar Industries Association's (CanSIA) five-year planning document, Roadmap 2020, Powering Canada's Future with Solar Electricity, has two main objectives:

- It aims to position solar electricity in the mainstream of Canada's electricity mix and position the industry in a stable regulatory environment without direct subsidization.
- Its recommendations are designed to apportion a one percent slice to solar electricity in the Canadian generation supply mix, 6.3 GW by 2020.

Samsung Renewable Energy Inc., Connor, Clark & Lunn Infrastructure, and Six Nations of the Grand River recently completed construction of the 100-megawatt Grand Renewable Solar Project, the largest operating solar energy project of its kind in Canada and one of the largest in North America.

PV module sales volume amounted to 631 MW in 2014, as compared to 444 MW in 2013. Export PV module sales from Canadian manufacturers amounted to \$107.73 million in 2014, representing 18 percent of module sales from Canadian manufacturers.

Canadian figures are as of 12/31/2014. Source: Natural Resources Canada. CanSIA

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