North American D 0 Fast Facts

U.S. wind energy generating capacity, installed — 61,091 MW Wind generating capacity installed in 2013 — 1,084 MW

At the end of 2013 there were more U.S. wind power megawatts under construction than ever in the history of wind power. More than 12,000 MW of new generating capacity was under construction, with a record-breaking 10,900 MW starting construction during the fourth quarter alone.

A record number of long-term power purchase agreements (PPAs) were signed in 2013. At least 60 PPAs for nearly 8,000 MW were signed by utilities and corporate purchasers, of which 5,200 MV had not yet started construction as of the end of 2013.

Some of the states poised for major growth in wind energy in coming years includ Texas, Iowa, Kansas, North Dakota, and Michigan.

> lowa .178 MV

Texas

12,335 MW

4 Illinoi .568 M

Canadian wind energy operating capacity, installed — 7,802 MW

It was a record year for Canadian wind power in 2013; installed capacity increased by 1,600 MW from 23 new wind projects.

In 2013, wind energy projects were built and commissioned in the Canadian provinces of Prince Edward Island, Nova Scotia, Quebec, Ontario, British Columbia, and Saskatchewan.

The provinces of Ontario and Quebec led the country in total installed capacity, with close to 2,500 MW each. The governments of Ontario and Quebec have made commitments to secure a combined 1,400 MW of additional new wind energy capacity over the next several years.

The year 2014 is expected to be another record year in Canada, with as much as 2,000 MW of new installed capacity projected to come online.

Top five operating U.S. wind farms

- 1. Alta Wind 946 MW (California)
- 2. Shepherds Flat 845 MW (Oregon)
- 3. Roscoe Wind Farm 782 MW (Texas)
- 4. Horse Hollow 736 MW (Texas)
- 5. Capricorn Ridge 663 MW (Texas)

Top five operating wind farms in Canada

3 Alberta 1,120 MW

British Columbia

489 MW

- 1. Lac Alfred Wind Farm 300 MW (Quebec)
- 2. Gros-Morne Wind Farm (Phases I and II) 211.5 MW (Quebec)
- 3. Melancthon Wind Farm 199.5 MW (Ontario)
- 4. Wolfe Island Eco Power Center 197.8 MW (Ontario)
- 5. Prince Wind Farm 189 MW (Ontario)

Oregon 3.153 MV

California

5,830 MW

