# Snapshot

Fact Sheet

Wind Power – Americas

Status: August 2013

* Siemens is a leading supplier of wind power solutions for onshore, offshore and coastal sites
* Headquarters for the Americas is in Orlando, Florida, USA
* Global cumulative installed base: > 12,700 wind turbines with ~ 21,000 MW capacity
* U.S. cumulative installed base: > 4,850 turbines with > 8,500 MW capacity
* Canada cumulative installed base: > 430 wind turbines with ~ 1,000 MW capacity
* #3 in terms of cumulative wind installations in the U.S. and #2 in 2012 wind installation additions in the U.S.
* 8,600 employees globally, > 1,500 employees in the Americas
* Leading position in Canada, with the number one position in the Ontario wind market

# Business Highlights

* The Bison IB, II and III Wind Energy Centers in North Dakota form the largest D3 platform installation in the world. Combined, the 3-MW direct drive wind turbines at the Bison project sites have the potential to provide clean electricity to more than 75,000 homes in Minnesota.
* Siemens will be supplying and commissioning 124 wind turbines for the South Kent wind project. The 270-MW project, located in the Municipality of Chatham-Kent in Southwestern Ontario, will generate enough energy for up to 100,000 Ontario homes. The first blade was shipped from the new blade manufacturing facility in Tillsonburg, Ontario, in July 2013.
* The Company is currently installing 2.3-MW wind turbines for six wind projects with a combined capacity of more than 470 MW in Brazil in 2013 and 2014.
* Siemens is in the process of installing 50 2.3-MW wind turbines for the El Arrayán wind power plant in Chile. Once completed, it will be the largest wind project in Chile and provide clean and renewable energy to power the equivalent of approximately 200,000 local households.
* The offshore wind industry in North America is also advancing:
  + In March 2010, Siemens was named preferred supplier for the Cape Wind offshore wind power plant (101 G4 platform wind turbines). The project is expected to be the first commercial-scale offshore wind power plant in the U.S.
  + In October 2011, Siemens was named preferred supplier for Deepwater’s Block Island offshore wind power plant (5 G6 platform wind turbines).

# Reference projects

* Duke Energy Renewables, 2012, Laurel Hill, Pennsylvania; Cimarron II, Kansas; Ironwood, Kansas; and Los Vientos, Texas; combined capacity of 568.1 MW
* MidAmerican Energy, 2012, Eclipse, Morning Light and Vienna, Iowa, combined capacity of 404.8 MW
* Pattern Energy, 2012, Santa Isabel, Puerto Rico, and Spring Valley, Nevada, combined capacity of 253 MW
* First Wind, 2012, Kawailoa, Hawaii, 69 MW
* Canadian Hydro Dev., 2008, Wolfe Island, Ontario, 197.8 MW

**Locations**

* Nacelle assembly facility in Hutchinson, Kansas, USA (2010)
  + Assembly of nacelles and hubs for 2.3-MW wind turbines
  + 300,000 square feet
* Blade factory in Fort Madison, Iowa, USA (2006/07)
  + More than 8,000 IntegralBlades® delivered in the Americas
  + 650,000 square feet
* Wind turbine R&D center in Boulder, Colorado, USA (2008)
  + Focus on aerodynamics, blade efficiency and meteorology
* Blade factory in Tillsonburg, Ontario, Canada
  + Commercial operation of Ontario’s first wind turbine blade manufacturing facility commenced in December 2011
* Offshore office in Boston, Massachusetts, USA (2010)
  + Dedicated Americas region offshore office covering sales, engineering, project management and business development
* Headquarters for Wind Power Americas in Orlando, Florida, USA (2005)
* Distribution and tooling facility, Wichita, Kansas, USA (2011)
  + 73,000-square-foot warehouse, with seven acres of outside storage
* Wind Power Service locations
  + Orlando, FL
    - Headquarters for Siemens Wind Service Americas (2011)
    - 40,000-square-foot, state-of-the-art training center (2013)
  + Houston, TX (2006)
    - Headquarters for Siemens Wind Service USA
  + Goldendale, WA (2009)
    - Distribution center dedicated to the Pacific Northwest
  + Woodward, OK (2012)
    - Main component, tooling and spare parts distribution center