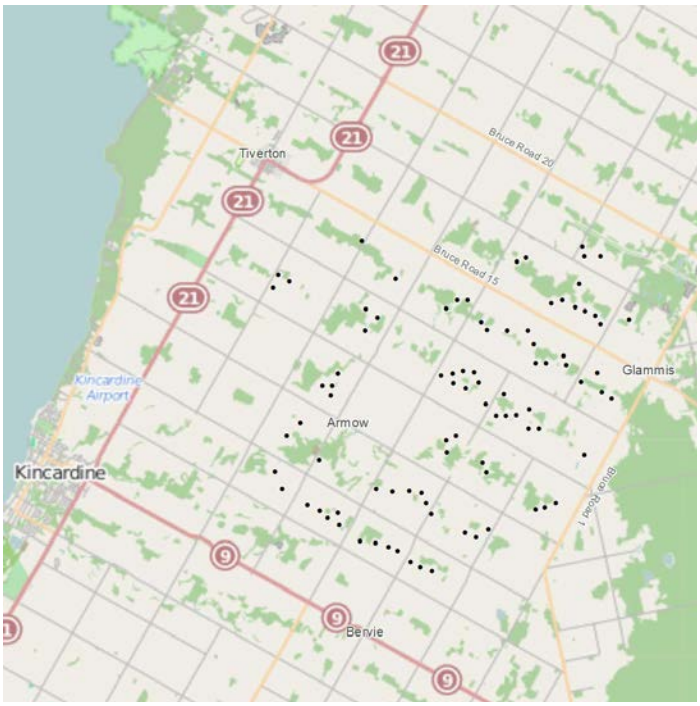
Armow Wind | Tiverton, Ontario

SAMSUNG

SAMSUNG RENEWABLE ENERGY INC.

Pattern

Armow Wind Overview



Location	Kincardine, Ontario
Power Purchaser	IESO
Turbine Model	Siemens SWT-2.3-101
Number of Turbines	91
Power Capacity	179 MW
Energy Equivalent	70,000 homes
Construction Start	Q4 2014
Commercial Operation	December 2015
Project Area	46,000 acres
Permanent Footprint	Less than 1% of total area
Construction Jobs	More than 200
Permanent Jobs	More than 15

Armow Wind is a partnership between Pattern Energy and Samsung Renewable Energy. The 179 MW wind power facility is located in the Municipality of Kincardine and commenced commercial operations on December 7, 2015. The facility sells 100% of its electrical output and environmental attributes under a 20-year power purchase agreement with the Independent Electricity System Operator (IESO).

Ontario workers have been involved in every aspect of Armow Wind including turbine manufacture, site construction, component installation, and operations.

An average of 200 workers were on-site during project construction and approximately 15 full-time employees operate and maintain the facility, along with seasonal positions and the use of local contractors.

In addition to paying significant property taxes, Armow Wind committed $13.6 million dollars to the Municipality of Kincardine as part of a long-term Community Benefit Program, which supports education and other initiatives, including a contribution of $1 million to the Kincardine Airport to improve local operations.

Armow Wind Annual Benefits

70,000

Generates enough clean energy to power 70,000 Ontario homes.

4,000,000

Injects more than $4M of direct spending into the local economy.

117,000

Offsets 600,000 tonnes of CO_2, equivalent to taking 117,000 cars off the roads.

17,000

Conserves enough water to meet the needs of about 17,000 Ontarians.

When compared to coal-fired generation.

Harvesting the Wind for Ontario

Harnessing the Wind

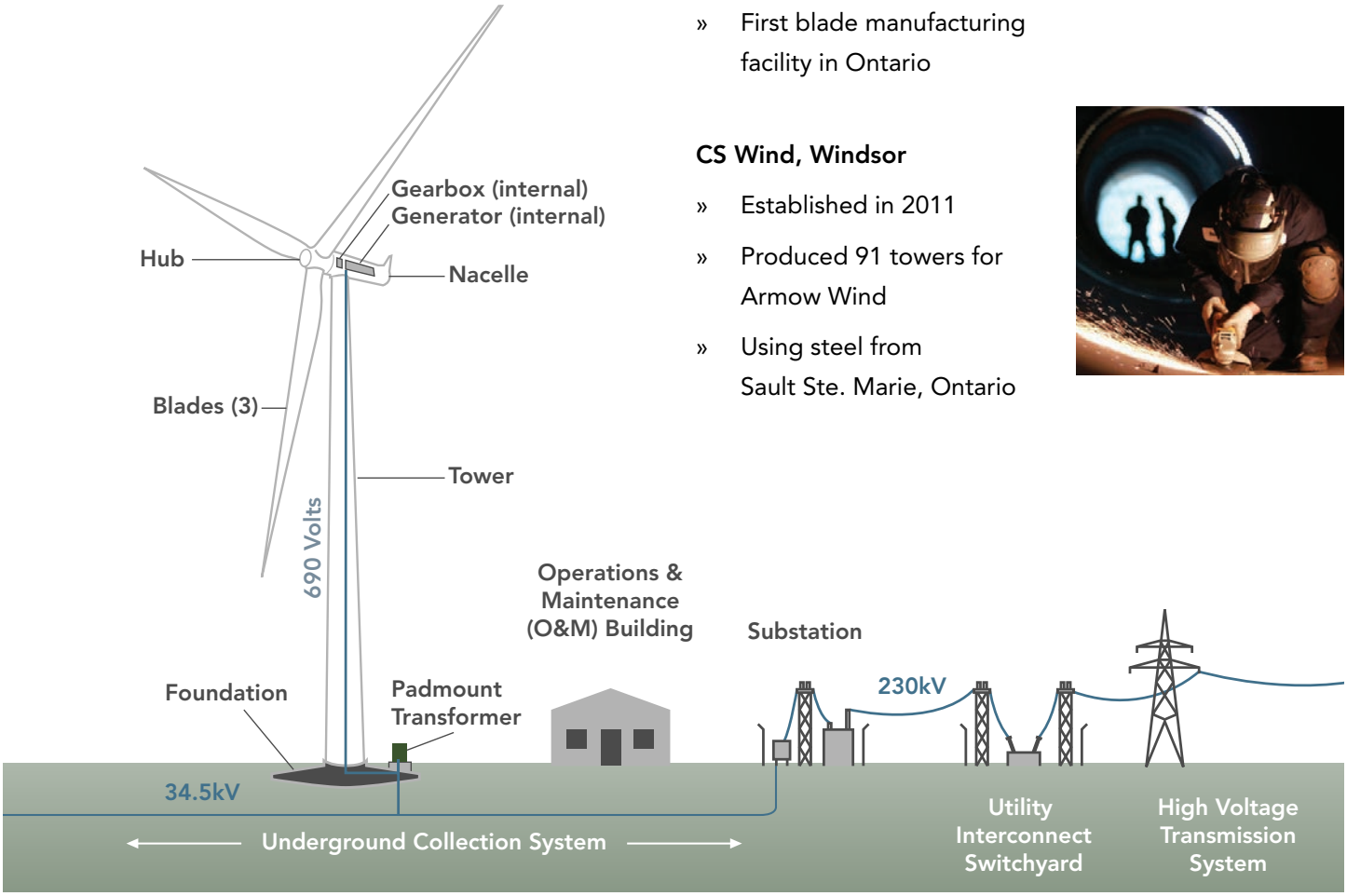
Wind can be harnessed to transform kinetic energy into electrical energy. Wind turbines do this with blades mounted on towers, which are turned by the wind, causing them to turn a shaft that is attached to a generator. This creates an electrical current that is carried by cables to the power grid, which transmits electricity to the electric grid that connects to your home.

Ontario-Made Wind Turbines

Armow Wind utilizes 91 Siemens wind turbines that were made in Ontario. The blades were manufactured in Tillsonburg by Siemens, and the towers were manufactured by CS Wind in Windsor using Ontario steel. Siemens and CS Wind invested $100 million in Ontario, creating approximately 600 manufacturing-sector jobs to meet the demand from Armow Wind and other Samsung-Pattern Energy wind projects.

Wind Turbines

Turbine model: SWT-2.3-101
Rotor speed: 6 – 16 RPM
Hub height: 99.5 m
Blade length: 49 m
Rotor diameter: 101 m
Tower base diameter: 4.5 m



Siemens, Tillsonburg

- 23,505 square meter facility
- Produced 273 blades for Armow Wind
- Siemens' first turbine manufacturing plant in Canada
- First blade manufacturing facility in Ontario

CS Wind, Windsor

- Established in 2011
- Produced 91 towers for Armow Wind
- Using steel from Sault Ste. Marie, Ontario

Facility Ownership

Samsung

Founded in 1938, Samsung C&T is involved in a broad and growing portfolio of businesses, delivering creative, integrated solutions to customers worldwide through a network of over 81 offices in 45 countries. Samsung C&T, together with our partners, is making an unprecedented $5 billion private-sector investment in Ontario to create clean, renewable energy for generations to come.

Samsung signed a Commercial Agreement with the Government of Ontario that will result in 1,369 MW of installed renewable energy capacity in Ontario.

Our investments have established four new manufacturing facilities that produce renewable energy components for Ontario and for export to markets around the world, along with 900 direct manufacturing jobs and 9,000 high-skilled jobs in Ontario.

Working together with the Province of Ontario, Samsung looks forward to a long-term partnership to place Ontario at the forefront of the global shift to clean energy.

Pattern Energy

Pattern Energy Group Inc. (Pattern Energy) is an independent power company listed on the NASDAQ ("PEGI") and Toronto Stock Exchange ("PEG"). We plan to grow our business through third-party acquisitions, including from Pattern Energy Group LP (Pattern Development), our shareholder and a leading developer of renewable energy assets.

We have a portfolio of renewable energy facilities in Canada, the United States, Puerto Rico, and Chile that use proven, best-in-class technology. Our headquarters are in San Francisco, California and we manage our fleet through our Operations Control Center in Houston, Texas.

Pattern Energy intends to create long-term value for its stakeholders in an environmentally responsible manner and with respect for the communities where we operate. We have a strong commitment to promoting environmental stewardship, which drives our dedication to operate high quality renewable energy facilities. For more information, visit www.patternenergy.com.