



Henvey Inlet Wind | Transmission



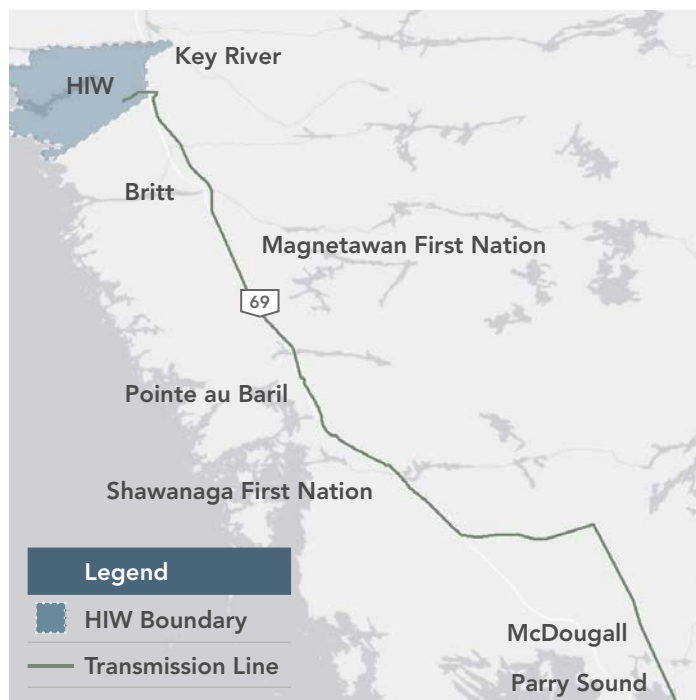
Nigig Power Corporation



Pattern
Development

Overview

Location	District of Parry Sound
Length	Approximately 104 kms
Number of Wooden Poles	1,120 (B.C. Douglas Fir)
Number of Steel Poles	78 (Ontario Steel)
Wooden Pole Height	Up to 61 metres
Steel Pole Height	Up to 49 metres
Pole Spacing	Approximately 200 metres
Construction Start	Q1 2018
Construction End	Q2 2019
Construction Contractor	PowerTel



Route

The Transmission Line will deliver electricity generated by Henvey Inlet Wind (HIW) to the Ontario electricity grid.

- » Travel south from Henvey Inlet First Nation Reserve No.2, generally parallel to Highway 69/400 before diverting southeast from Highway 69/400 at Woods Road to the existing 500 kV Hydro One corridor.

- » Follows the existing 500 kV Hydro One corridor to the Point of Interconnection.
- » Connects to the Hydro One system at the 230 kV line southeast of Parry Sound.
- » Voltage 230 kV and will require a Switching Station at the Point of Interconnection to the Hydro One transmission system.

Target Construction Schedule*

Activity	Start	Finish
Right of Way (ROW) Clearing	December, 2017	April, 2018
Access Construction/ Maintenance	December, 2017	March, 2019
Civil Foundation Construction	January, 2018	November., 2018
Pole Installation & Framing	January, 2018	January, 2019
Conductor & Optic Ground Wire (OPGW) Stringing	April, 2018	February, 2019
Fibre Splicing & Testing	May, 2018	February, 2019
Counterpoise Installation	June, 2018	Spring, 2019
Clean-up & Restoration	August, 2018	Spring, 2019
Land Restoration	October, 2018	Spring, 2019

*Represents ideal timeline and subject to change.

Construction

Contractor

PowerTel Utilities Contractors Limited (PowerTel) has the contract to build the transmission line and switching stations.

Activities will also include site preparation before construction begins and site restoration at the completion of construction.

Construction Jobs

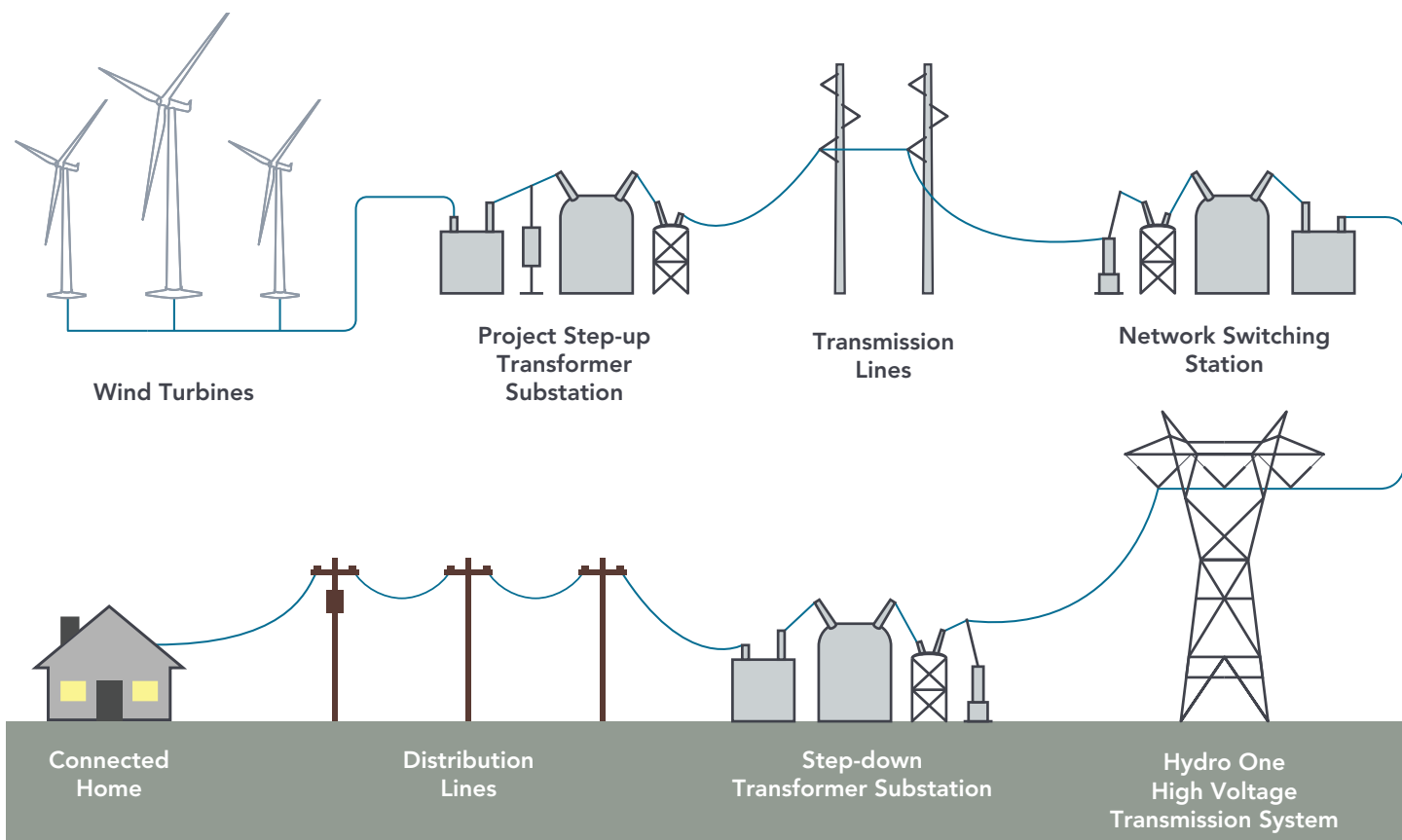
Local workers and subcontractors are involved to the greatest extent possible in all aspects of construction. Subcontractors are engaged to conduct civilwork – grading, excavation, and concrete – and electrical work.

Examples of Jobs Include:

- » Civil Inspectors
- » Electrical Inspectors
- » Safety Inspectors
- » Civil Equipment Operator
- » General Labourers
- » Environmental Technicians
- » Archaeological Technicians



How Wind Energy is Transmitted



Nigig Power Corporation

Nigig Power Corporation (Nigig) was established in 2010 and is wholly owned by Henvey Inlet First Nation. Ken Noble is CEO and President of the corporation, which is overseen by four board members and four advisors. Nigig secured the largest Feed-In-Tariff (FIT) contract in Ontario and is constructing the largest First Nation wind energy centre in Canada. The Henvey Inlet Wind Energy Centre (HIWEC) has a 20-year Power Purchase Agreement with the Independent Electricity System Operator (IESO).

Henvey Inlet First Nation is an Anishinabek community comprised of three separate reserve properties. Henvey Inlet Reserve No. 2 is on the northeast shore of the Georgian Bay, 90 km south of Sudbury and 71 km north of Parry Sound. French River Reserve No.13 is 11 km north of the Reserve No. 2 and includes Cantin Island. There are about 900 enrolled Members of the Robinson-Huron Treaty band, with approximately 200 of those residing on-Reserve.

Pattern Development

Pattern Development is a leading developer of renewable energy and transmission assets. With a global footprint spanning Canada, the United States, Mexico and Japan, Pattern Development's highly-experienced team has brought more than 5,500 MW of renewable power projects to market. Our mission is to transition the world to renewable energy by developing high-quality projects in an environmentally responsible manner and with respect for the communities where we work.

Our affiliate, Pattern Energy, is a publicly-listed independent power company that owns and operates renewable energy facilities and is currently the largest operator of wind energy in Canada. Combined, we have expertise in all project stages: resource analysis, site development, power marketing, finance, construction, facility operations and asset management. Our headquarters are in San Francisco, California, and our Toronto office is comprised of professionals in law, business, finance, accounting and construction.

Henvey Inlet Wind Partnership

In October of 2014, Nigig Power Corporation entered into a joint venture partnership with Pattern Development to jointly develop, own and operate the 300 MW Henvey Inlet Wind project and associated transmission line.

We enjoy meeting with members of the community and are interested in hearing ideas on ways we can better collaborate and engage community members. Please let us know if you have suggestions for community sponsorships or local causes that we could support.

