

WIND ENERGY PROJECTS

Valard's expertise in transmission, distribution and substations enables us to provide full EPC+ services for Wind Energy Projects. Our company's resources, scale and project management capabilities position us to undertake major projects as General Contractor.



Quanta's Power Infrastructure Services in Canada are all encompassed within the Valard Group of Companies. We work with expert partners to seamlessly produce turnkey solutions for our clients. Through a single contract and point of contact, we can, collectively, put together a full service team to successfully deliver every aspect of a power project. The Valard Group can provide the full EPC+ scope of services related to any Wind Energy project. Valard and its parent Quanta, have been in the Renewables sector for decades and apply that invaluable experience to every opportunity.

WIND ENERGY CAPABILITIES

- Planning and studies
- EPC for electrical balance of plant
- Foundations and civil works
- Substations and grid interconnects
- Turbine erection
- Testing and commissioning
- Electrical and collector system construction, including trenching, boring, medium voltage termination, DLO (diesel locomotive cable) pulling and termination, conduit and grounding
- Installation of turbine electrical systems
- Balance of plant (BOP)
- Electric distribution, transmission and interconnects
- Electrical system maintenance
- Full EPC for all BOP Scopes - Roads, WTG Foundations and Electrical Infrastructure
- Commissioning and close-out documentation
- Operation and maintenance

COMPLETED VALARD WIND FARM PROJECTS

EAST DURHAM WIND FARM

COMPLETION DATE: 2015

Borea Construction contracted Valard for the construction of the substation including the transformer, circuit breakers, disconnect switches, switchgear, steel structures, prefab building etc. In addition, installation of underground conduit for collection feeders and termination onto the 44kV dead end structure was done by Valard.

CONESTOGO WIND FARM

COMPLETION DATE: 2012

This project saw Valard installing the 44 kV interconnection from the substation to Hydro One Networks Inc.'s site. The 7 km line was procured and constructed by Valard with wooden poles and 795 kcmil ACSR conductor.

GESNER WIND FARM

COMPLETION DATE: 2012

Saturn Power installed 10 megawatts (MW) of wind electric generating capacity near Port Glasgow, Ontario. Valard was responsible for construction of the entire package: Turbines, Footings for the Turbines, Collection Systems, Station, etc. The project consisted of constructing five (5) new Gamesa G97 2.0 MW wind turbines, 3.5km of new 34.5 kV underground electrical collection lines and spread-footing foundations. The substation then transforms the generated electricity to 27.6 V into the Hydro One Networks Inc ("HONI") electrical power system grid.

CONTACT US TO DISCUSS YOUR RENEWABLES OPPORTUNITIES

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