

## Quality Wind Project – 79 Vesta Turbines

*Tumbler Ridge, BC*

**Owner:** Capital Power Corporation

**Value:** \$36,000,000

**Date:** November 2012

**Trades:** Electrical  
Civil  
Communications



### Project Description and Scope:

The Quality Wind project is located in Tumbler Ridge, British Columbia and has a capacity of 142 MW generated from 79 Vestas 1.8 MW turbines; with each tower being between 95 m and 100 m high (from base to centre of hub). The project includes 22 km of 230 KV transmission line with a 1300 meter Murray river crossing between (2) 50 meter high structures, a 230-34 KV substation, a 34 KV overhead collector line, and an underground collection system.

Clean, renewable energy generated by Quality Wind is supplied to BC Hydro under a 25-year Electricity Purchase Agreement. State Group was in a design/build joint venture for this project; the scope of work included the transmission line, collection system, and the substation.