



K2 Wind Farm

CLIENT

K2 Wind Ontario Limited Partnership (Capital Power LP, Samsung Renewable Energy Inc., Pattern Renewable Holdings Canada ULC)

LOCATION

Township of Ashfield-Colborne-Wawanosh, Ontario

PROJECT DESCRIPTION

The K2 Wind Farm was constructed in the Township of Ashfield-Colborne-Wawanosh, which is located along the shores of Lake Huron. The wind farm is adjacent to the Kingsbridge 1 Wind Operation, which was constructed in 2006. The project included the installation of 140 Siemens wind turbines, one of the largest wind energy projects in Ontario.

The K2 Wind Farm was designed to provide enough electricity to meet the average annual power needs of approximately 100,000 Ontario homes.

B&M SCOPE OF WORK

Together with our Joint Venture Partner AMEC, the Southern Ontario Utility Region was awarded the Engineering, Procurement and Construction (EPC) contract for the K2 Wind Farm Project.

The services provided by the B&M team included installation of a 230 kV substation and 500 kV substation; turbine foundations and turbine erection; construction of access roads for each turbine site; operations & maintenance building; overhead and underground collector system (179 km) installation; underground transmission line (5 km) installation; and complete testing and commissioning of stations and turbines.