Bald Hills Wind Farm

PROJECT PROFILE

Operational
August 2015

Location
10 km east of Tarwin Lower in South Gippsland, Victoria

Contract type
Engineering, Procurement and Construction (EPC)

Turbine model
MM92 | 2.05 megawatts

Number of turbines
52

Installed capacity
106.6 megawatts

Ownership
Mitsui & Co. (Australia) Ltd

About Senvion Australia

Founded in 2002, Senvion Australia has approximately 10% of the local wind energy market with a total of 440 megawatts of wind capacity installed across 9 wind farms in Victoria and New South Wales.

Our team has the skills and expertise to design, build, operate and maintain sustainable power plants, from initial wind and site engineering through to our operations centre and maintenance support.

The Australian team is also responsible for the Senvion Group’s presence in the Asia Pacific region. Active in the Japan market since 2003, Senvion Australia manages the provision of spare parts and technical support to 68 Senvion turbines with an installed capacity of 118 megawatts across 16 wind farms.

Senvion Australia is a 100% owned subsidiary of Hamburg-based Senvion GmbH, one of the world’s leading German manufacturers of onshore and offshore wind turbines with over 12 gigawatts of wind energy installed globally.

www.senvion.com

Project Overview

Senvion was awarded the contract for the Bald Hills Wind Farm in July, 2013 making it Senvion’s seventh wind farm project, and so far the largest EPC project undertaken by Senvion in Australia.

Completed in August 2015, the wind farm is located approximately 10 kilometres south east of Tarwin Lower within the South Gippsland Shire, covering approximately 1,750 hectares of largely cleared cattle and sheep grazing farmland.

All of Senvion’s MM92 Wind Energy Converters (WECs) are mounted on steel towers, each with a hub height of 80 metres above ground level. Each rotor diameter is 92 metres with a power output of 2.05 megawatts.

Senvion was responsible for supplying the turbines as well as logistics, craneage, installation, commissioning and testing the WECs together with the electrical and civil balance of plant which included design and construction of the substation, underground cable reticulation, met masts, gravel roads and crane hardstands and turbine foundations.

To ensure the turbines are operating at peak performance, approximately nine Senvion service technicians, who mostly live in the local area, service the turbines and the substation.