BBV SYSTEMS
WIR SORGEN FÜR SPANNUNG | WE STRESS FOR STRENGTH

Windpark Storöy





SHORT DESCRIPTION

The Storöy wind farm is located on the north side of the island of Storøya in the province of Rogaland near the city of Haugesund in Norway.

THE PROJECT

The wind farm consists of 2 Enercon E-115 wind turbines with a rotor diameter of 115 m, a hub height of 90 m and a total output of 6.4 MW.

The towers consist of precast concrete elements that were placed on top of one another on the construction site using a mobile crawler crane.

The external tendons for the tower prestressing were manufactured at BBV in Bobenheim-Roxheim and transported to the construction site by truck.

Shortly after installation, the tendons in the foundation cellar were pre-tensioned by BBV fitters with a CFRP hollow piston press and the corrosion protection was created.

SERVICES IN DETAIL

External tower prestressing

FACTS

Location	Storöy , Norway
Status	completed
Start of construction	January 2018
Completion	December 2018
Building owner	Solvind AS
Contracting entity	Enercon

SERVICES

Post-tensioning system

Wind power

https://www.bbv-systems.com/en/projects/detail/ref/storoey-wind-farm/

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