

## Windpark Storøy



### SHORT DESCRIPTION

The Storøy 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

|                              |                 |
|------------------------------|-----------------|
| <b>Location</b>              | Storøy , Norway |
| <b>Status</b>                | completed       |
| <b>Start of construction</b> | January 2018    |
| <b>Completion</b>            | December 2018   |
| <b>Building owner</b>        | Solvind AS      |
| <b>Contracting entity</b>    | Enercon         |

## SERVICE PROVIDED

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Post-tensioning system

Wind power



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<https://www.bbv-systems.com/en/projects/detail/ref/storoe-y-wind-farm/>

Creation: 28.03.2025 11:23