

Windpark Mainz-Hechtsheim



SHORT DESCRIPTION

In the Mainz-Hechtsheim wind farm, 7 wind power plants of different sizes have been installed so far.

THE PROJECT

The largest and most powerful system is the Enercon E-141. With a nominal output of 4.2 megawatts, it generates over 10 million kilowatt hours per year, supplies 3,000 average households and saves over 7,000 t of CO2 emissions.

BBV Systems was responsible for the prestressing steel work on this and the other wind power towers in the Mainz-Hechtsheim wind farm. The tendons were prefabricated in the BBV factory in Bobenheim-Roxheim and delivered to the construction site wound on drums. Immediately after the tendons were embedded in the concrete towers, a team from BBV pre-tensioned the tendons and injected them with mortar.

SERVICES IN DETAIL

Internal tower prestress

FACTS

Location	Hechtsheim, Germany
Status	completed
Start of construction	January 2019

Completion	December 2019
Building owner	Gaia GmbH, Lambsheim
Contracting entity	Enercon

SERVICES

Post-tensioning system

Wind power



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

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