# Windpark Krammer

## SHORT DESCRIPTION

BBV Systems is responsible for the vertical prestressing of the towers.

## THE PROJECT

The Krammer wind farm is currently the largest community wind farm in the Netherlands. It is located in the province of Zeeland and was built on and around the “Krammersluizen” near Bruinisse, about 20 km from the North Sea.

The wind farm consists of 34 Enercon E-115 wind turbines with a rotor diameter of 115 m and a hub height of 120 m.

The towers of the wind turbines consist of precast concrete elements that were placed on top of one another on the construction site.

The towers were vertically pre-tensioned by a total of more than 1000 tendons with subsequent connection, which were

prefabricated in BBV production in Germany and transported to the construction site on drums.

After the tendons had been embedded in the towers, BBV specialists pre-stressed all tendons and then injected them with mortar, completely accident-free and in exemplary compliance with all occupational safety requirements that were the focus of this project.

After successful completion, the park will generate a total output of up to 102 MW of energy.

## FACTS

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| **Location** | Provinz Zeeland , Netherlands |
| **Status** | completed |
| **Start of construction** | May 2017 |
| **Completion** | July 2018 |
| **Contracting entity** | Enercon |

## SERVICES

Post-tensioning system

Wind power