Meet the Haliade-X 14 MW:
The Haliade-X 14 MW prototype in Rotterdam raised the bar for wind energy. It set a world record for generating enough energy in one day to power 30,000 Dutch households. The prototype is performing so well that the machines are now rated even higher — at 13 MW. GE has received the first commercial order for 30 of the new machines. They will power the first two phases of the Dogger Bank wind farm in the North Sea — expected to be the world’s largest when completed. The recently announced third phase of Dogger Bank will feature Haliade-X 14 MW. Here’s how the Haliade-X is making waves.

**Swept area:**
38,000 m²

**Height:** 248 m

**Blades:** 107 m

**Rotor:** 220 m

**14 MW generation capacity**

One Haliade-X 14 MW...
can save up to 52,000 metric tons of CO₂,* the equivalent of the emissions generated by 11,000* vehicles in one year.

One GE Haliade-X 14 MW rotation could power a U.S. household for more than two days.

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**About Dogger Bank Wind Farm**
(130 km from the Yorkshire coast)

Construction: Began in 2020

Turbine installation: Scheduled to begin in 2023

Phases: Three (Dogger Bank A, B and C)

Scheduled completion (all phases): 2026

Total expected generation capacity: 1.6 GW

Households powered: Around 6 million

Grid impact: 5% of the U.K.’s estimated power demand

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* According to the U.S. Environmental Protection Agency Greenhouse Gas Equivalencies Calculator.

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