


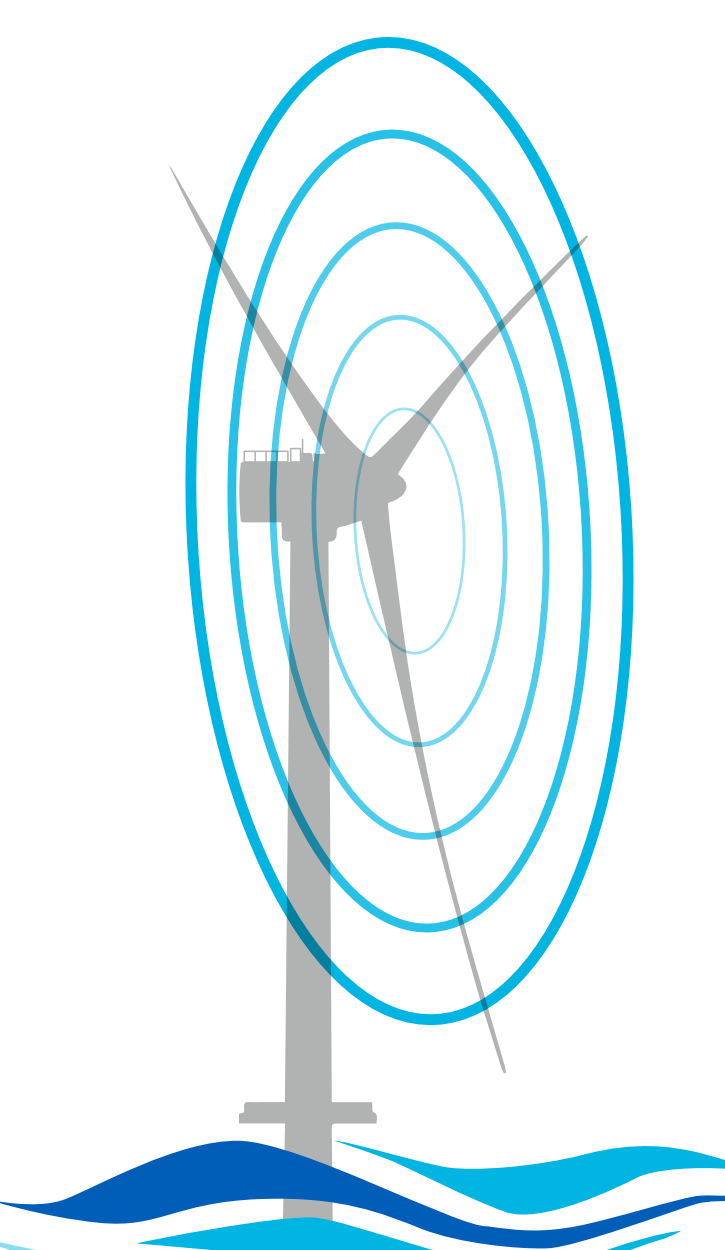
Meet the Haliade-X 13 MW:

The Haliade-X 12 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. Now GE received the first commercial order for 190 of the 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 prototype is performing so well that the machines will be rated even higher — at 13 MW. Here's how the Haliade-X is making waves.

One Haliade-X 13 MW ...




can save up to **52,000** metric tons of CO₂,* the equivalent of the emissions generated by 11,000* vehicles in one year.



13 MW generation capacity

Swept area:
38,000 m²



Height: 248 m
Blades: 107 m
Rotor: 220 m



One GE Haliade-X 13 MW rotation

could power a U.K. household for more than two days.



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: 3.6 GW

Households powered: Around 4.5 million

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

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