

Giant offshore windfarm opens in Denmark

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Wind turbines are seen at the Horns Reef wind farm in Denmark in 2005. One of the world's biggest offshore wind farms, the Roedsand 2, opened Tuesday in southeastern Denmark.

One of the world's biggest offshore wind farms opened Tuesday in southeastern Denmark, its operator, German power giant E.ON, said.

The "Roedsand 2" farm has 90 turbines with the capacity to provide [electricity](#) to 200,000 homes.

It is situated in the Baltic Sea some 10 kilometres (6.2 miles) off the Lolland island and some 150 kilometres (93 miles) south of Copenhagen.

Work on the farm was launched in the second half on 2009. It is made up of five rows of 18 turbines, made by Germany's Siemens, that have an annual power output of 207 megawatts.

Building the farm cost about four billion Danish kroner (537 million euros, 741 million dollars), and according to E.ON, it will make it possible to cut 700,000 tonnes annually in [carbon dioxide emissions](#).

About 20 percent of electricity consumed in Denmark already comes from wind power.

The world's largest offshore wind farm was opened last month off the southeastern English coast. That farm has 100 turbines so far and will have up to 341 turbines and is expected to produce 300 [megawatts](#) of energy at full capacity when completed.

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