

China's homegrown wind turbine rolls off production line

A giant wind turbine developed by China has rolled off the production line in the southwestern municipality of Chongqing.

The turbine, coded H140-3MW, has a diameter of 140 meters, according to HZ Windpower, a subsidiary of the state-owned China Shipbuilding Industry Corporation.

The turbine has the longest diameter among all the turbines of the same level. It can generate 3,000 kilowatt hours of electricity per hour at a wind speed of 9.6 meters per second, the company said.

Besides its sheer size, the turbine is quite adaptable to the environment. It can operate between 40 degrees Celsius and minus 30 degrees Celsius, and can work in high, windy, salty and frosty environment.

The turbine is a breakthrough for the company, and it will contribute to the development of the wind power market, said a staff with the company.