Sajintuo wind power grid-connected power generation

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The world"s first 20 MW offshore wind turbine has been successfully connected to the grid for power generation in the southern Fujian waters

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The first wind turbines were based on a direct grid coupled synchronous generator with pitch controlled rotor blades to limit the mechanical power in high wind speeds.

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In the face of these wind power variations, grid-connected operation will directly affect the voltage stability index for large systems.

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The on grid wind turbine using synchronous generators works perfectly in sync with the grid frequency, ensuring stable power output. While this method requires higher implementation ...

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