Q1) White about wind power, tidal power and hydropower.
WIND POWER

· Wrind power generation

Modern wind iturbines, typically featuring two or three blades with a diameter of about 33 meters, can produce substantial power.

For example,

A studine can generate 300 km at a wind speed of Beautost scale 6 (strong breeze). Wrid farms, such as the Fair Isle scheme established in 1982, demonstrate this potential, generating 50 MW and meeting 90% of the island's electricity needs.

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· Physics of Wind Power

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