



Goldwind Microgrid Project

Will Goldwind deliver wind turbines to gold fields?

Goldwind General Manager of Sales and Marketing William Ives said the company was building on its delivery of turbines to Gold Fields in WA. "Goldwind is pleased to deliver the wind farm component of the St Ives Mine project, the second renewable energy microgrid project in partnership with Gold Fields," he said.

What is Goldwind's Dafeng microgrid project?

Goldwind's Dafeng microgrid project in Jiangsu has an annual generation capacity of about 4.33 million kWh, equivalent to the domestic power consumption of 2,000 homes for a year. This project reduces CO2 emissions by 3,744 tons every year.

Will Australia's first gold mine be powered by a microgrid?

A Western Australian gold mine will be the first Australian mine to be powered by a wind, solar, battery and gas microgrid. The Agnew Renewable Hybrid Microgrid demonstrated that a remote mining operation can be powered by high penetration renewable energy and that wind power is a mature and reliable technology for use at mines.

What is a microgrid and how does it work?

A microgrid is a small-scale power generation and distribution system composed of distributed energy sources, storage equipment, energy conversion equipment, and the associated load, monitoring, and protection equipment.

The typical cases of Goldwind microgrid project The core technologies and achievements of Goldwind microgrid The smart energy internet of Goldwind industrial park

The Agnew project, which received funding from the Australian Renewable Energy Agency (ARENA) as part of ARENA's Advancing Renewables Program, is the first Australian mine to use wind generation ...

Wind energy is a kind of renewable green energy. From the case study of Goldwind's smart microgrid and distributed wind farm projects, we know that with the help of wind power generation technology, ...

Goldwind announced in July that it had entered an agreement with global energy producer EDL to deliver the wind farm component of the project. EDL is engaged in designing, constructing, ...

Goldwind Australia - Goldwind to deliver the wind farm project at Agnew Mine, the first Australian mine to use wind generation as part of a large hybrid microgrid

The Agnew Renewable Energy Microgrid project will consist of wind turbines, a solar farm, a Battery Energy Storage System and gas engine power station.

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Agnew combines 18MW wind, 16MW thermal gas, 13MW battery, and 4MW solar generations 18MW wind farm delivered by Goldwind in partnership with project owner and operator ...

Organizations Involved Etechwin Goldwind Additional Details Management Storage Sources Energy control system of the smart micro grid Integrate and maximise the proportion of renewable energy ...

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