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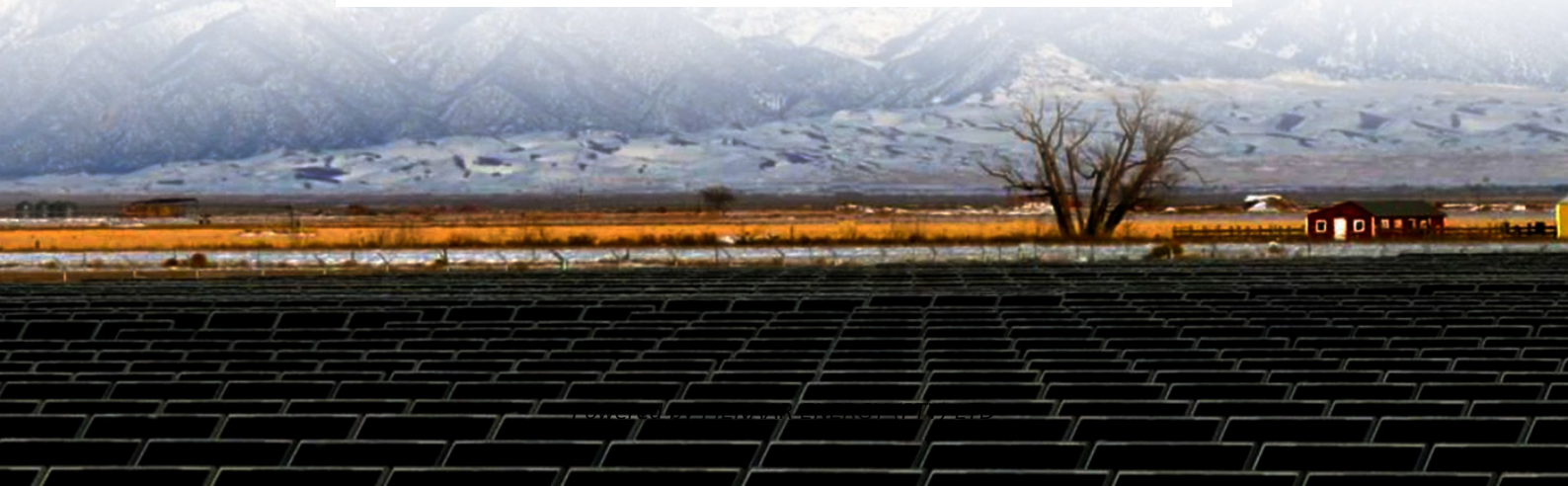
Silicon Energy Wind and Solar Complementary Power Generation System



Overview

The wind-solar complementary power generation system combines wind turbines and solar PV arrays as two types of power generation devices. It is mainly divided into off-grid and grid-connected types. Off-grid systems utilize solar PV arrays and wind turbines to store generated electricity in battery. Wind power generation and photovoltaic power generation are one of the most mature ways in respect of the wind and solar energy development and utilization, wind and solar complementary power generation can effectively use space and time. The two forms of power generation can play their respective. Wolfspeed Silicon Carbide (SiC) is at the heart of this movement, making next-generation energy storage systems, solar energy systems and wind systems more efficient and power dense than ever.

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Design of a Wind-Solar Complementary Power Generation Device

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