



Jinko ESS's BESS Application in Hybrid System for Island Mining

Project Overview

generators to provide stable, highly efficient and low-carbon

The Solution

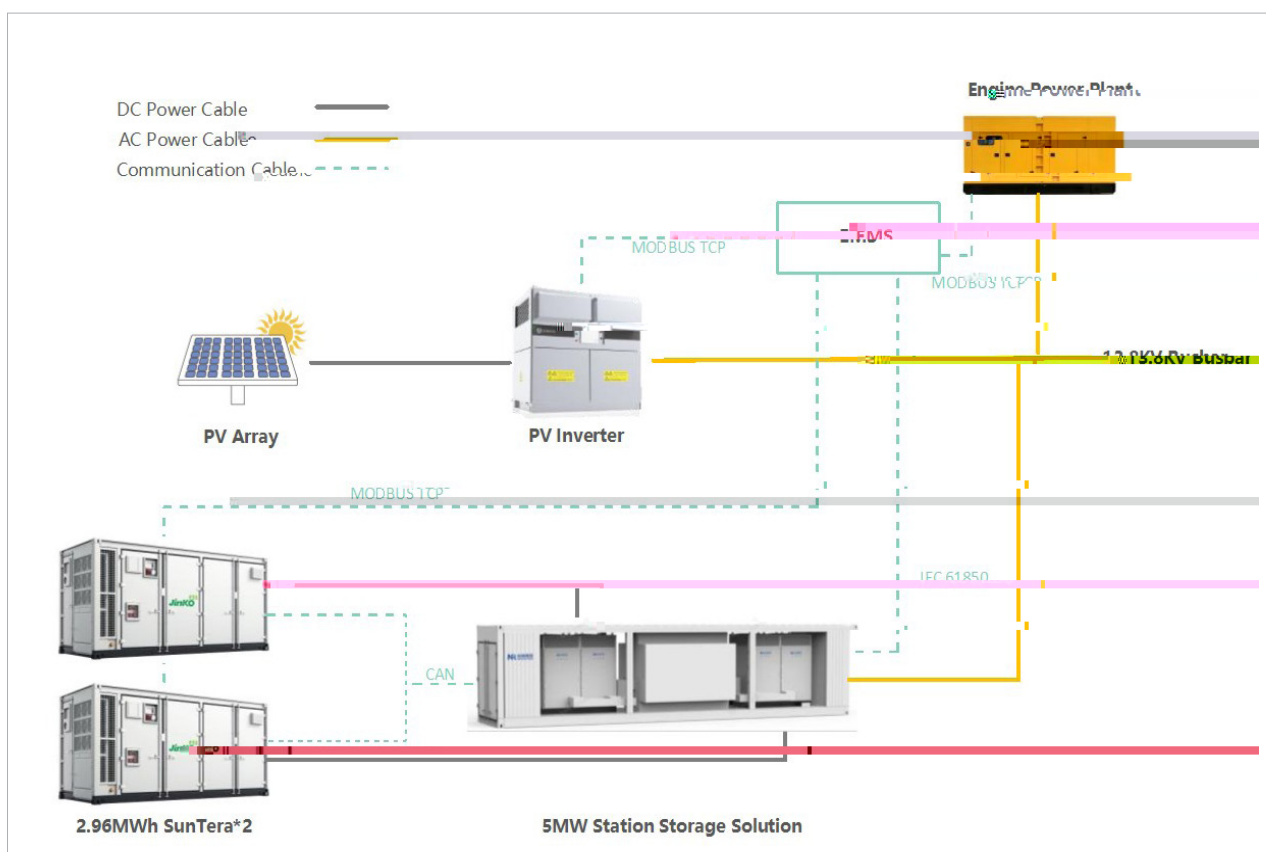


Fig. 1 Single Line Diagram of Microgrid DC Coupling System

Operation Logic

Generator start/stop planning

Minimize engine fuel consumption

Maintain generator operating limit

High grid quality, stability and reliability

Solar generation output smoothing

Project Features

Multi-source synergistic optimisation

High-efficiency Energy Management System (EMS)

Superior Battery Energy Storage Performance

High-efficiency Energy Management System (EMS)

PV fluctuations and load shocks.

Customer Benefits

Substantial Improvement in Power-Supply Stability

Remarkable Progress in Green-Energy Transition

Economic Benefits and Demonstration Effect

significant economic returns.

Conclusion and Outlook



Fig. 2 Site Picture

* The report serves as a general overview and is subject to updates by Jinko ESS. Jinko ESS reserves the right to modify the content and holds the final authority in its interpretation.



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