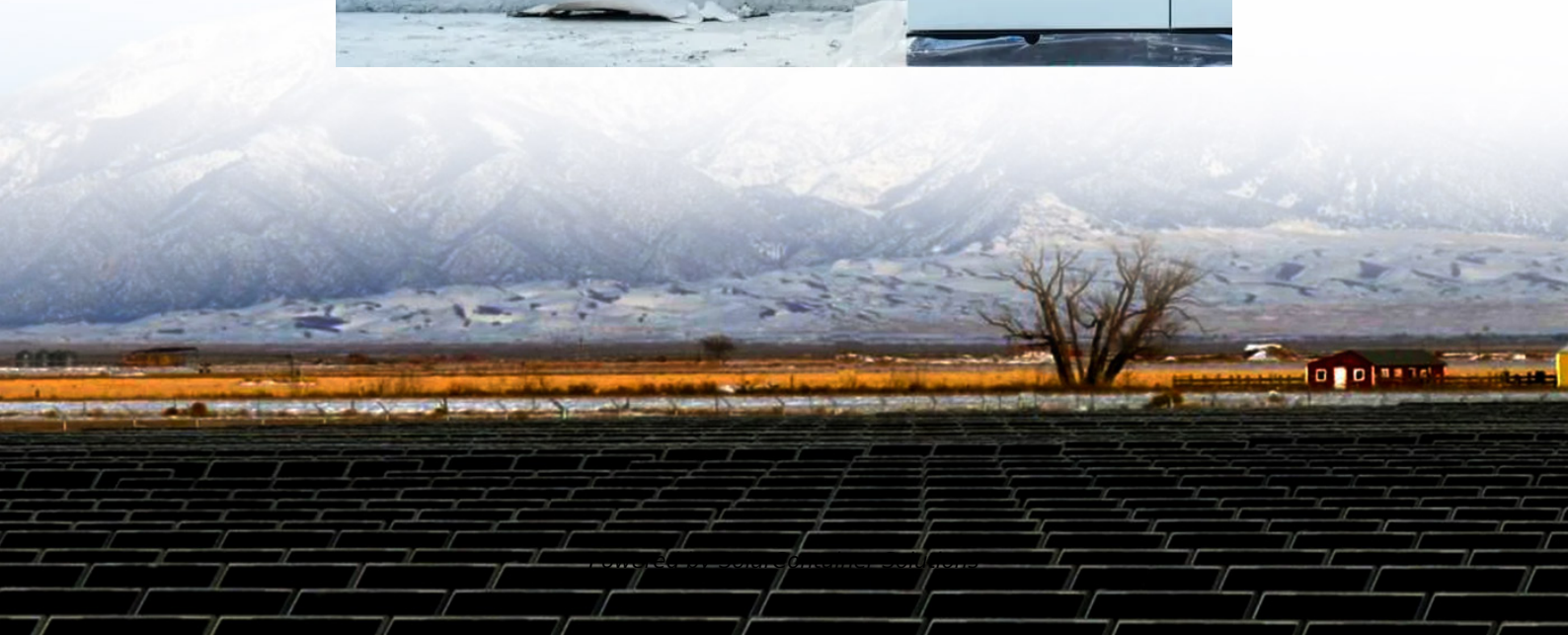


Senegal Valley Power Energy Storage System Manufacturer





Overview

The national electric utility of Senegal, Senelec, has signed a 20-year capacity change agreement (CCA) with developer Infinity Power for a 40MW/160MWh battery energy storage system (BESS) project. Does Senegal have a battery energy storage project?

The national electric utility of Senegal, Senelec, has signed a 20-year CCA with Infinity Power for a battery energy storage project.

What is Senegal's 'hybrid power project'?

The project concerns the development of a hybrid power project consisting of a 30MW ground-based photovoltaic (PV) power generation plant and a 15MW/45MWh Battery Energy Storage System in Senegal. The Project will be the first of its kind in Senegal.

Where is a Bess project being built in Senegal?

The BESS is to be built at the Tobène substation in Thies, Senegal. It will be operated by Infinity Power's 158.7 MW wind farm in Senegal, Parc Eolien Taiba N'Diaye (PETN).

When will a battery energy storage system become operational?

Construction of the battery energy storage system is expected to commence in early 2024 at the Tobène substation in Thies and is expected to become operational in 2025. The BESS will also provide ancillary services such as frequency regulation, reactive power support, and energy charge and discharge.

How is land used for agriculture in Senegalese?

Land acquired for the Project is used for agriculture by members of the local communities based on a customary land tenure system. An ESIA to Senegalese legislative requirements has been prepared and a number of supplementary specialist studies conducted in line with IFC Performance



Standards.



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Senegal Energy Storage

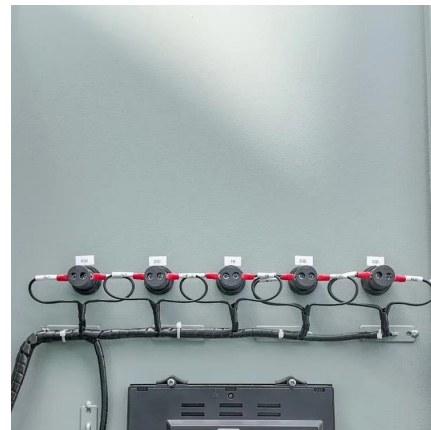
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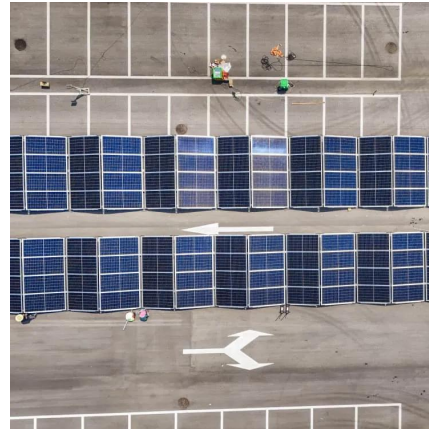
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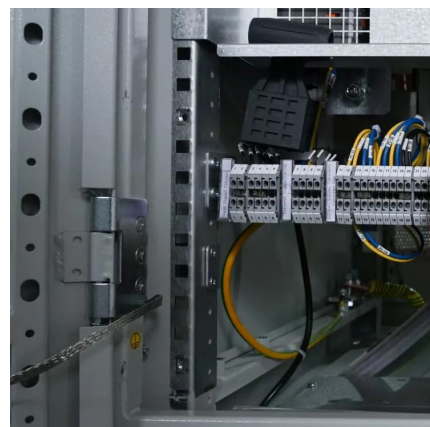
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The Project will be the first of its kind in Senegal. With a successful track record of IPPs in the sector and the support of the Government of Senegal, this project will set an important ...

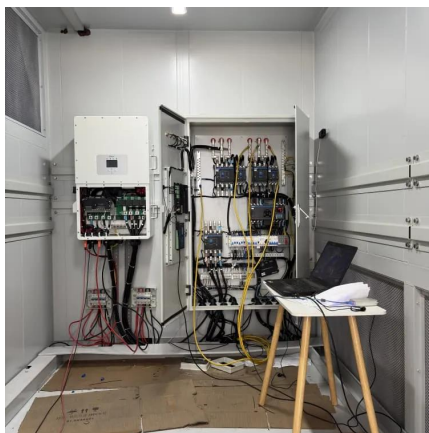
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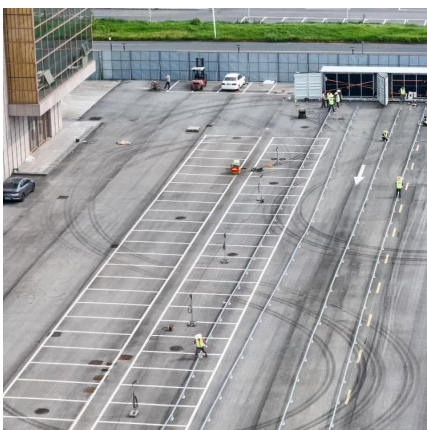
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Infinity Power seals 20-year agreement with Senelec to supply ...

The system will enable Senelec to stabilise the nation's electricity grid and pave the way for further renewable energy growth in Senegal. The project will be operated by Infinity ...

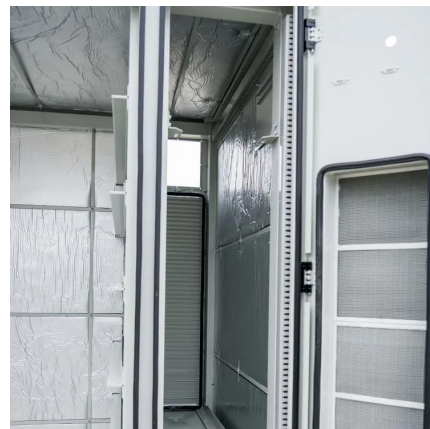
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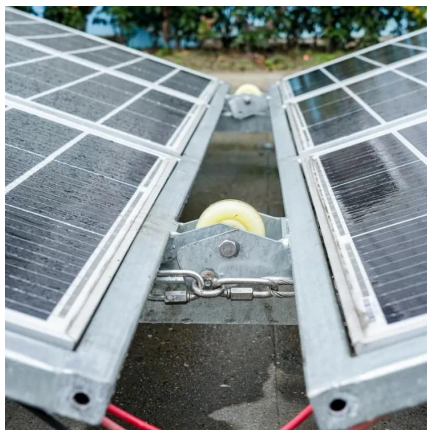
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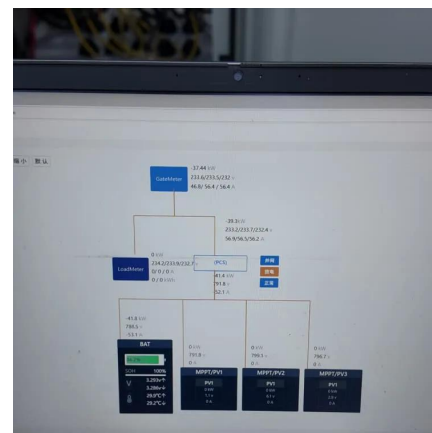
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