Niger stackable energy storage system

Solar EPC, Sterling and Wilson Pvt Ltd (SWPL), has announced that its Hybrid & Energy Storage division (HES) has signed an EPC contract to construct a solar-diesel-storage power plant in Agadez city of West African country Niger. The other players in the construction consortium partnership are French EPC, Vergnet and SNS Niger.

Niger Electricity Co. has asked consultants to submit expressions of interest for feasibility, environmental, and social impact studies for a 60 MW solar-plus-storage project in western Niger.

Tendered by The Nigerian Electricity Company (NIGELEC), the project consists of 18.9 MWp solar and 6.54 MVA (2.18 x 3 MVA) diesel generator capacity. The storage component will be an 11.55MWh/3.0 MVA battery energy storage system (BESS).

The project is located in the Agadez province of Niger, West Africa. The project includes 5 rural towns in Agadez province. Specifically, it will provide the Solar-Diesel-Battery Storage hybrid power system in these isolated places. The size capacity of the five power plans are as follows.

Iferouane microgrid power station is well-equipped with the EMS energy management system developed by SINOSOAR, which truly achieves the perfect coordination and seamless switching between PV, energy storage and diesel generator.

The power plant needs to provide 12MW of peak load for the uranium mine. It will do this with a combination of 16MW solar PV generation capacity, a 15MW battery energy storage system (BESS) and 16MW of diesel generation for backup. It will also be integrated into the local grid owned and operated by Sonichar, a majority state-owned utility company.

By David Shaffer and Cynthia Bensburg In August, the Bureau of Overseas Buildings Operations (OBO) installed its first ever large-scale renewable battery energy storage system at the new U.S. Embassy in Niger. The installation enhances the campus""s energy efficiency by maximizing the storage and use of solar power and marks a crucial step in ...

Société Nigérienne d"Electricité (Nigelec) has contracted a consortium of India"s Sterling andWilson,France"sVergnet and SNS Niger to construct a solar PV battery storage and diesel genset-based hybrid power plant in the central city of Agadez.

Indian engineering, procurement and construction (EPC) firm Sterling and Wilson has partnered with French EPC Vergnet to develop a solar-storage and diesel genset hybrid project in Niger, West Africa.

The container consists of a mobile 41 kW PV installation and 60 kW of battery storage, which can provide off grid power to the residents of the town of Amaloud Nomade.