

Egypt energy storage companies

Off grid systems are standalone power solutions not connected to electricity network

On grid systems generate electricity for the regular use and route the excess power into network, they can be used to supply electricity during power failure.

Hybrid energy systems utilize two or more energy generating systems such as solar, wind or generators.

ECSE Group is certified by Egyptian Ministry of Electricity and Energy to work in the field of Solar Power Systems and linking these systems to state power grid in Egypt.

The Egyptian Government launched a solar Feed-in-Tariff programme in 2015 with a goal of generating 20% of energy from renewable sources by 2022. With a planned capacity of 1.8 GW and covering 36 km², the Benban site near Aswan was in 2019 the world's largest one-site solar project. Scatec entered the market in 2015 and with 380 MW in operation, the company is the largest solar developer in Egypt.

In 2017, Scatec signed 25-year Power Purchase Agreements for delivery of electricity from six plants totalling 380 MW with the Government of Egypt. Benban site near Aswan in Upper Egypt where Scatec was in 2019 the world's largest one-site project. This is Scatec's largest and our first project using bifacial solar modules. The bifacial modules are producing energy from both sides of the solar panel, increasing the total clean energy generation. The project holds a 25-year PPA with the Egyptian Electricity Transmission Company. The equity partners are KLP Norfund Investments AS and Africa 50. Lenders are EBRD, FMO, IsDB, ICD and Green CF.

Scatec has partnered with Fertiglabe, The Sovereign Fund of Egypt and Orascom Construction to develop, build, own and operate a 100 MW green hydrogen production facility in Ain Sokhna in Egypt. When the project is fully developed the facility will be powered by 260 MW of solar and wind capacity.

Scatec will be the lead equity investor in the project and provide EPC services in collaboration with Orascom Construction. Scatec will further provide O&M and AM services for the project alongside key technology providers and project partners.

Scatec has signed a USD denominated 25-year power purchase agreement (PPA) with Egyptian Electricity Transmission Company (EETC) for a 1.1 GW solar and 100 MW/200 MWh battery storage hybrid project in Egypt, the first of its kind in the country.

Scatec has signed a mandate letter with several development financing institutions for concessional financing and expects to reach financial close with the lenders and start construction of the solar and BESS hybrid

project in the first half of 2025. Scatec will provide Engineering, Procurement & Construction, Asset Management and Operations & Maintenance services for the project.

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