

Rabat energy storage for backup power

Planned power investments in North Africa average around USD 15 billion per year during the period 2021-2025, of which about USD 5 billion per year would be dedicated to renewable energy. As RE penetration in the energy mix is rising, battery storage is becoming a critical enabler for the integration of large shares of variable renewable electricity, such as solar PV and wind, into power systems.

Some of the North African countries are launching storage projects. Tunisian utility STEG, for instance, is planning to build a 400-600MW pumped hydro energy storage plant, for a 2029 commissioning date. Egypt in the frame to be one of the world's most promising renewable H2 hotspots, with the Suez Canal Economic Zone (SCZONE) attracting billions of dollars of gigawatts of green hydrogen and ammonia projects. Mauritania has 2 of the largest upcoming green hydrogen projects in the Africa in its pipeline.

The conference will also address topics such as the use of energy storage systems (ESS) in C&I and mining sites; as well as exploring green hydrogen as a long-term energy storage solution and how the continent is reacting to unlock the multiple benefits.

This business development platform will be a not-to-be-missed market place for the whole value chain and stakeholders already involved or looking to the country.

Attending: Key stakeholders including representatives from the government, International Finance Institutions (IFIs), policy makers, international and local developers, EPC contractors, independent power producers, engineering, large electricity consumers, battery storage technology providers, legal and advisory services, equipment manufacturers, banking and private equity entities.

Agenda and registration - The detailed agenda, speaker line-up and registration form will be available upon your written inquiry. Early bird conditions are currently applied so make sure to take advantage.

This flagship investment event provides an excellent opportunity for public relation, to raise your company profile, to highlight your expertise and to boost your business development objectives.

ACWA Power has agreed to deploy wind energy and battery capacity to help power what is claimed will be the Middle East and Africa region's "first battery gigafactory";

The Saudi Arabian power producer and developer has signed a joint development agreement with Gotion Power, Chinese battery manufacturer Gotion High-Tech's subsidiary in Morocco, for a 500MW wind power plant with 2,000MWh of battery energy storage system (BESS) technology.

The project will feed energy to Gotion Power's new electric vehicle (EV) battery gigafactory in the



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northwestern Moroccan city of Kenitra. The renewables-plus-storage plant has an expected investment cost of around US\$800 million, ACWA Power said.

ACWA Power announced the Gotion agreement late last month, along with two financing deals and an R& D collaborative effort, that the developer signed at a recent event hosted by the Future Investment Initiative, a non-profit organisation run by Saudi Arabia's PIF sovereign wealth fund.

The deals have a claimed total value of US\$1.78 billion, and include a US\$690 million framework agreement with the National Bank of Kuwait for financing ACWA Power projects in Saudi Arabia and Kuwait.

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