

How many projects does scion energy have in South Africa?

Scion Energy has identified more than 400 projects across Southern Africa for development, with 50 of these being priority projects based mainly in its established regions of South Africa, DRC, Zambia and Lesotho.

Does scion energy offer hydro pumped storage opportunities in South Africa?

Scion Energy therefore has a specific focus on gridscale hydro pumped storage opportunities in South Africa. These facilities, when hybridised with renewable energy (floating or land-based solar PV, or wind energy), offer significant quantities of dispatchable energy to the electrical grid.

What is scion energy storage?

Scion Energy Storage is the bridge from the current limitations on power consumption to transforming the way we power our world in the future. Energy storage technologies are critical for this transformation. At this point in time, we believe Lithium powered batteries are the answer to this need for a leap into the future.

Where is scion energy based?

Scion Energy has established project development companies in South Africa, DRC, Zambia and Lesotho, with opportunities being pursued in Malawi, Mozambique, Madagascar and Sao Tome/Principe.

How many MWe will scion energy generate?

Scion Energy's three flagship pump storage projects, located at strategic sites across South Africa, will generate a total of 5,000 MWe at a 95% dispatchability factor.

What does scion energy do?

Scion Energy, having its roots in South Africa, is invested in creating a sustainable platform for the rollout of more variable renewable energy in the country, with electrical energy storage being the key to enabling this transition. Scion Energy therefore has a specific focus on gridscale hydro pumped storage opportunities in South Africa.

Namibia's planned new battery storage system brings it closer to reaching its green-energy goal. Its Renewable Energy Policy aims to modernise the energy sector, make it more self-reliant and turn it into a net ...

This paper provides a brief overview of some of the state-of-play energy storage technologies, which may become important in the effective integration of various generation options into ...

A grant of EUR20 million (US\$22.66 million) has been made to Namibia's government-owned electric utility company for the development of the African country's first grid-scale battery storage project. Namibia Power ...

A joint venture (JV) between the two Chinese companies will deliver the 54MW/54MWh Ombuu battery energy storage system (BESS) project in Namibia's Erongo Region, at the existing Omburu Substation. Construction ...

Scion Energy's three flagship pump storage projects, located at strategic sites across South Africa, will generate a total of 5,000 MWe at a 95% dispatchability factor. The projects, which together provide more than 94,000 MW.hr battery ...

Namibia is expanding its own renewable energy production by hundreds of megawatts in photovoltaics and wind power. This rapid expansion poses a challenge for the Namibian electricity sector. In light of this situation, KfW ...

We provide an extensive range of customised Lithium Battery Storage solutions in mobility as well as storage applications. Scion Energy Storage caters to electric vehicles such as bikes, rickshaws, bicycles, e- golf carts, Automated Guided ...

Namibia Power Corporation (NamPower) has recently signed key EPC contracts with Shandong Electrical, Engineering & Equipment Group (SDEE) and Narada Power for the first-ever grid-scale battery energy storage ...