

Julian Woodcock, Managing Director of Viking Mines (ASX:VKA), attends the Gold Coast Investment Showcase and explains how vanadium is transformed into vanadium pentoxide flake, which is used in ...

One solution is to build more pumped hydro energy storage. But where should this expansion happen? Our new research identified more than 900 suitable locations around the world: at former and existing mining sites. Some ...

The 36MW/7.5MWh solar-plus-storage plant at Sukari Gold Mine near the Red Sea in Egypt demonstrates how solar PV and energy storage can address climate change and offer cost savings, while ...

Mining groups are increasingly addressing this by adding battery energy storage systems (BESS) to renewable energy facilities. One of the first examples of how battery storage can help make mine energy supplies more resilient and ...

The business case for battery energy storage systems (BESS) in mining . The mining industry is energy-intensive, with power consumption accounting for 15 to 40 per cent ...

As part of the mining industry's transition towards electrification, Sandvik has initiated a pilot project to deploy a second-life battery energy storage system (BESS) at to-be ...

The US energy storage market set a first-quarter record for capacity installed this year, with 1,265 megawatts (MW) deployed across all segments, a report by Wood Mackenzie and the American Clean ...

The 56MW Agnew power system is Australia's biggest mine site micro-grid, first to have wind turbines. There is about 2GW of off-grid power demand in Australia across mining and resource projects ...

The integrated energy storage system will improve efficiency at the gold mine's power station by reducing the need for emergency back-up spinning reserve, therefore lowering fuel consumption. The project is ...

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