



# Mali microgrid energy storage

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"Solar forecasting allows for significant cost savings through improved power reliability for largescale off-grid projects. At Reuniwatt, we have a decade of experience with industrial-grade solar forecasting. Solar and battery storage hybrid projects are the future of energy supply for remote sites, as they allow operations to become cheaper and more sustainable. We are proud to bring in our experience and work together with our prestigious partners on this first-of-its-kind installation in southwest Mali" explains Nicolas Schmutz, CEO of Reuniwatt.

A webinar presenting Suntrace and Reuniwatt's feedbacks on off-grid projects was organized on September 3rd. It is possible to watch the webinar on demand through the following link. Also, more information about Reuniwatt's sky camera and short-term forecasting solutions can be found here:

Your name

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B2Gold, a Canadian public gold-mining company, operates a large gold mine in southwest Mali, Africa. Seeking The project will hybridise the energy supply of Fekola to reduce the facility's dependence on imported heavy fuel oil, saving operational and transportation costs, as well as lower greenhouse gas emissions.

The application of the project is to maintain microgrid stability, in addition to the curtailment of ramp events, the elimination of engine and solar power fluctuations and the provision of spinning reserves. GEMS will use automated and forecasted data, including load demand and weather, to enable energy production optimisation, ensuring the lowest Levelised Cost Of Electricity (LCOE) for the mine.

The renewables plus storage solution is both cost competitive as well as environmentally beneficial. Payback on the project is expected in only a few years and carbon emissions are projected to reduce by approximately 86 million pounds per year.

An integrated hybrid energy solution, incorporating an energy storage system, an existing solar array, an existing power generator, and industry-leading energy management controls

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