



# Samoa off grid battery storage system

The Battery Storage and Grid Integration Program (BSGIP) hosted two research scientists from Samoa recently to help build capacity and strengthen the island nation's ability to meet climate and energy challenges.

The Fiaga Power Station - Battery Energy Storage System was developed by Tesla. The project is owned by Electric Power (100%). The key applications of the project are reliability and grid support services.

The island nation of Samoa is continuing its effort to convert from diesel-reliant powerplants to 100% renewable energy with the help of Tesla's scalable Powerpack battery storage solution.

APIA, 24 JULY 2018 - Samoa has become the first country in the Pacific to install battery energy storage systems and micro grid controller. The US\$8,844,817.03 million (T\$22.7m) facilities, housed at the Fiaga Power Station compound, allows the storage of electricity that is automatically injected to the grid, when there is a sudden increase in ...

One of Tesla's earliest microgrid projects with Powerpacks was deployed in American Samoa and now the company deployed two bigger systems in order to help the country of Samoa transition...

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Thus through our common Edmonton base, I asked Mikhail of Dandelion Renewables to install an off-grid system for us in Samoa. After the last 5 years of operation, we decided to upgrade the system to be totally flexible to cater for the difficult operating conditions here, particularly with respect to battery systems.

Samoa has installed a battery energy storage system, a first of its kind in the Pacific islands. The \$US8.8 million project at the Fiaga Power Station is capable of storing six megawatts of electricity. A second unit near Faleolo Airport ...

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