



# Sri lanka battery performance

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Electricity is increasingly being generated from renewable sources - solar, wind, geothermal, bioenergy and hydropower - but their output is intermittent. By utilizing advanced tech solutions, such as Battery Energy Storage Systems (BESS), we can unlock the full potential of these resources. Bureau Veritas supports accelerated BESS installation deployment with dedicated solutions for project developers, Engineering, Procurement and Construction companies (EPCs), investors and lenders.

Today's renewable energy storage solutions were inconceivable just a few years ago. Now, with decreasing costs alongside accelerating innovation in digital technologies, battery storage is not just an increasingly viable option, but an integral part of renewable energy solutions. Safety, quality and performance are paramount when developing and operating BESS installations, whether they are standalone or integrated with renewable generating resources. Bureau Veritas' services span the entire asset lifecycle to ensure projects run securely and efficiently.

Several factors drive the surge in energy storage solutions uptake. Firstly, product costs are decreasing while performance is improving. Meanwhile, efforts are being made globally to modernize the power grid, with many nations looking to become energy self-sufficient. Bureau Veritas is playing its part by supporting clients throughout asset origination, project development and project deployment. We ensure that asset deployment is completed on-time and to-budget, and that assets remain reliable and safe over their operational lifetime.

As demand grows for newer battery technology, a wave of new improvements to today's conventional technologies will be adopted in major end markets. We've already got a head start developing our own next-generation battery technology.

Vega's own developed inverters have become the choice for many domestic and commercial solar installations due to their proven performance and reliability, plus the great service from our support team.

Vega Innovations (Vega) established in 2013 is the forerunner of CGen Energy. Vega was set up to take forward the vision of building high performance, cost-effective and sustainable technologies. Vega designed and developed several Sustainable Energy related products including Electric Vehicle (EV) Chargers, EV batteries and Industrial Power storage devices.

As the portfolio of Sustainable Energy related products expanded, the CGen Energy cluster was formed bringing all energy related products and services under one umbrella.

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