



## Sierra Leone Power Plant Energy Storage Project

Does Sierra Leone need a power plant? Even with the addition of the Bumbuna plant, Sierra Leone's power-generation capacity falls short of meeting power demand. Sierra Leone's current installed capacity of 13 megawatts per million people is lower than that of other low-income and fragile states. How has Sierra Leone expanded its generating capacity? Sierra Leone has significantly expanded its generating capacity. In late 2016, when the 50 megawatt Bumbuna hydropower plant became operational, it almost doubled Sierra Leone's existing installed capacity and changed the power-generation mix. How much does DFC finance a power plant in Sierra Leone? DFC's approved financing includes a new loan of up to \$292 million to finance the development and upgrade of the power plant's infrastructure and promote electricity reliability and access throughout Sierra Leone. Did US approve \$412m in financing for West Africa LNG/combined cycle power plant? The US approves \$412M in financing for West Africa LNG/combined cycle power plant project in Sierra Leone. How much power does Sierra Leone have? Sierra Leone's power capacity estimates at 150-MW with approximately 27.5% of the total population and about 4.9% of the rural population currently having access to electricity. What is the western area power generation project? The Western Area Power Generation Project, located in Sierra Leone's capital of Freetown, aims to help address the country's rolling blackouts and expand its national electricity system to accommodate additional renewable energy solutions in the future. As of 2017, this \$120 million endeavor aims to store enough renewable energy to power 400,000 homes, acting as the missing puzzle piece between solar potential and actual electricity access [1]. DFC Disburses 1st Tranche for 105 MW Gas Dec 12, 2012; The power plant will utilize a Combined Cycle Gas Turbine (CCGT) with a total capacity of 105 MW. Located in the capital Freetown, it will nearly double the electricity generation capacity of Sierra Leone when U.S. DFC Disburses \$292M Loan for 105MW Dec 13, 2013; By Amin Kef (Ranger) Sierra Leone's energy landscape is set for a transformative leap forward following the first disbursement from a \$292 million loan by the U.S. International Development Finance Corporation Sierra Leone's dream of reliable electricity Dec 12, 2012; The Nant Project will be the first large, utility-scale independent power project in Sierra Leone and will supply reliable electricity to address the country's critical long-term power needs. US Approves \$412M in Financing for a 126.5 MW Gas Plant Jun 18, 2018; The United States' International Development Finance Corp. (DFC) announced it approved \$412 million in financing and political risk BB Energy welcomes Financial Close on Sierra Jan 23, 2018; BB Energy today welcomed financial close on the first large utility-scale independent power project in Sierra Leone. BB Energy Group is an investor in CECA SL Generation Limited, the entity that will construct Sierra Leone Energy Storage Project: Powering a Sustainable Dec 13, 2013; Enter the Sierra Leone energy storage project - not just another infrastructure initiative, but a game-changer in Africa's energy landscape. As of 2017, this \$120 million Financing Sierra Leone's first major utility Nov 3, 2017; DFC has committed to providing financing to support the development of an 83.5 MW combined cycle thermal power plant, which will initially be fueled by liquefied



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petroleum gas (LPG) before converting to DFC Mobilizes \$414M for Sierra Leone Power May 23, &#x2013;In collaboration with the government of Sierra Leone, the U.S. International Development Finance Corporation (DFC) has mobilized \$414 million for the development of the Western Area Power Generation Enhancing access to energy in Sierra LeoneThe project aims to increase energy access across Sierra Leone through a dual approach: installing mini-grids in strategic communities and deploying standalone solar systems in schools and health facilities nationwide. Sierra Leone's power infrastructure - revised October Nov 11, &#x2013;Power generation data was drawn from our African Energy Live Data platform, which contains project level detail on power plants and projects across Africa. The map is DFC Disburses 1st Tranche for 105 MW Gas Power Plant in Sierra LeoneDec 12, &#x2013;The power plant will utilize a Combined Cycle Gas Turbine (#CCGT) with a total capacity of 105 MW. Located in the capital Freetown, it will nearly double the electricity U.S. DFC Disburses \$292M Loan for 105MW Nant Combined-Cycle Power PlantDec 13, &#x2013;By Amin Kef (Ranger) Sierra Leone's energy landscape is set for a transformative leap forward following the first disbursement from a \$292 million loan by the U.S. International Sierra Leone's dream of reliable electricity receives a boost Dec 12, &#x2013;The Nant Project will be the first large, utility-scale independent power project in Sierra Leone and will supply reliable electricity to address the country's critical long-term US Approves \$412M in Financing for a 126.5-MW West Jun 18, &#x2013;The United States' International Development Finance Corp. (DFC) announced it approved \$412 million in financing and political risk insurance for a 126.5-MW West Africa BB Energy welcomes Financial Close on Sierra Leone's Nant Power ProjectJan 23, &#x2013;BB Energy today welcomed financial close on the first large utility-scale independent power project in Sierra Leone. BB Energy Group is an investor in CECA SL Financing Sierra Leone's first major utility-scale power plantNov 3, &#x2013;DFC has committed to providing financing to support the development of an 83.5 MW combined cycle thermal power plant, which will initially be fueled by liquefied petroleum DFC Mobilizes \$414M for Sierra Leone Power ProjectMay 23, &#x2013;In collaboration with the government of Sierra Leone, the U.S. International Development Finance Corporation (DFC) has mobilized \$414 million for the development of Enhancing access to energy in Sierra Leone The project aims to increase energy access across Sierra Leone through a dual approach: installing mini-grids in strategic communities and deploying standalone solar systems in Sierra Leone's power infrastructure - revised October Nov 11, &#x2013;Power generation data was drawn from our African Energy Live Data platform, which contains project level detail on power plants and projects across Africa. The map is

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