



Support from the GEF funded AREAN project, along with NZ's commitment of \$20 million for renewable energy are addressing the stability of Niue's grid, funding the replacement of aging reticulation infrastructure. This work has started and will continue over the next 12 months.



At the recent National Summit Clinton Chapman presented on the situation with the government's key infrastructure assets including Niue Power, Water, Broadcasting Corporation, Telecom Niue, Transport, Civil an Quarry operations.



The Government of Niue wishes to inform the public of an essential upgrade to the prepay power meters across the island. This upgrade is to ensure uninterrupted electricity service as we approach a significant deadline. On 24 November 2024, all prepay meters will cease to operate.

NIUE POWER GRID CONTROL SYSTEM



Under the current REP-5 projects of EDF 9, Niue has benefited from 52.0 kWp Grid Connected Solar PV system installed in three selected locations including from energy efficiency measures provided by solar water heaters and LPG cooking appliances.



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In addition to Australia's support, the New Zealand Government contributed \$2.5 million to relocate and restore Niue's Battery Energy Storage System (BESS). This funding has allowed the Ministry to repair the grid control system, procure necessary fuel tanks, and install cabling and connections.

NIUE POWER GRID CONTROL SYSTEM



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Prior to 2004, there was 100% electrification rate in Niue where all residences and businesses have access to the grid line. However, since Hurricane Heta in 2004, a number of households have moved inland from the coast, removing them from access to electricity.



"The new rental generator flown in from New Zealand has been connected into the power station but has not been fully integrated into the main grid yet. The Terra Cat engineer left on Monday last week and will be fabricating an electronic control board, to suit Niue's unique manual control system.

NIUE POWER GRID CONTROL SYSTEM



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The Niue Strategic Energy Road Map 2015???2025 (NiSERM) builds on the 2005 Niue National Energy Policy and the Niue National Strategic Plan (NNSP) 2014???2019, and is aligned to current national, regional and international emerging issues relating to the energy sector.