

ContainerPower Energy Solutions

Tonga s Grid Energy Storage Policy



Overview

What is Tonga's energy policy?

Energy: The country's main energy policy is the Tonga Energy Roadmap 2010-2020 (TERM) - "A 10-year roadmap to reduce Tonga's vulnerability to oil price shocks and achieve an increase in quality access to modern energy services in an environmentally sustainable manner" (GoT, 2010).

Can Australia help secure Tonga's outer island energy needs?

Australia also has a long history of engagement in relation to helping secure Tonga's outer island energy needs. In the early 2000s, Australia funded the Ha'apai Outer Islands Electrification project (HOIEP), which involved the installation of diesel-powered generators and electrical reticulation on four islands in the Ha'apai group.

Can Tonga achieve universal access to electricity by 2021?

Tonga is on track to achieve universal access to electricity by 2021. The rural electrification programme in Tonga should be based on renewable off-grid generation. The NEXSTEP analysis recommends off-grid renewable energy systems, e.g., RE-based mini-grid or solar home systems to improve climate resilience.

Can Tonga achieve 100 per cent access to electricity?

Achieving universal access to electricity is a priority for the Government of Tonga, The Tonga Energy Roadmap (TERM) states that Tonga should achieve 100 per cent access to electricity by 2020 (Government of Tonga, 2010). Achievement of this target is crucial to meet the Government's primary target of "poverty alleviation".

How can Tonga achieve the SDGs?

Universal access to clean cooking fuels and technologies is achieved by 2030, by implementing an LPG cooking stove programme in Tonga. Renewable

energy targets of 50 per cent by 2021 and 70 per cent by 2030 in electric power generation are achieved. The SDG energy efficiency target of.

How can OIREP help Tonga's remote island communities?

However, significant needs and opportunities exist to further expand renewable energy systems on outer islands. Less tangible, but also important is the role played by OIREP in consolidating Tonga's social contract with remote island dwelling communities, by allowing for enhanced and more reliable access to electricity.

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