

Can Tokelau support itself with solar energy?

Tokelau, an island nation in the South Pacific, is now completely able to support itself with solar energy. Elly Earls met Joseph Mayhew of the New Zealand Aid Programme to find out how this tiny collection of atolls has become almost 100% self-sufficient in less than 12 months.

Could Tokelau be the world's first renewable nation?

Solar power plants and coconut biofuel-powered generators switched on in Tokelau has made the islands the world's first truly renewable nation.' Imagine a place where the only energy to be found is clean, reliable solar power. Solar Array's seen on the three tiny islands of Tokelau to completely produce solar power energy.

How much electricity does a solar system provide in Tokelau?

Each system alone is among the largest off-grid solar power systems in the world, and together they are capable of providing 150% of current electricity demand in Tokelau, a much higher amount than the 90% that was originally planned for.

How many people live in Tokelau?

Tokelau is made up of three small atolls, Atafu, Nukunonu and Fakaofu, has an area of around 10km²; and is populated by 1,411 New Zealand citizens, all of whom now have their energy needs met by solar electricity systems. 'Each system alone is among the largest off-grid solar power systems in the world.'

Does Tokelau have a capital?

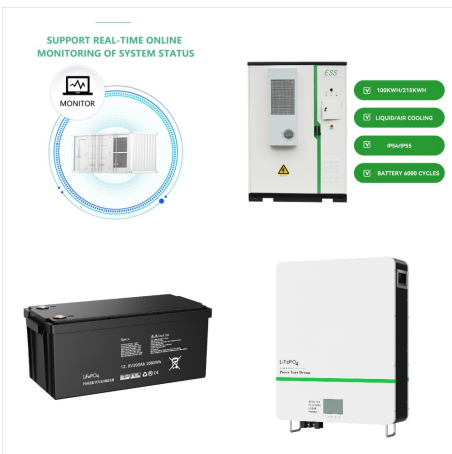
Tokelau does not have an official capital. The most important languages spoken in Tokelau are English and Tokelauan. The people who live in Tokelau mostly live in four villages: Two of them are on Fakaofu. The islands Atafu and Nukunonu each have one village. The most common language is Tokelauan, about half the people speak English.

Why did Tokelau switch to solar?

Yet despite the challenges involved in installing comprehensive solar systems in such a remote location, switching to solar was absolutely crucial for the tiny collection of islands. 'Tokelau's atolls are low-lying and especially susceptible to the adverse effects of climate change,' Mayhew stressed.



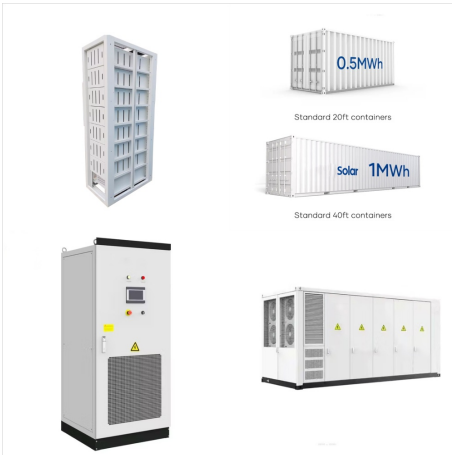
Les Tokelau [3] ou les Tok?laou [4], appel?es ?les de l'Union de 1916 ? 1946 [5], [6], sont un archipel d'atolls polyn?siens du Nord-Ouest de l'oc?an Paci???que Sud. Il s'agit d'un territoire ???



Curiosidades sobre Tokelau. O pa?s de Tokelau, estritamente falando, n?o ? um estado completamente independente, ent?o como est? sob gest?o da Nova Zel?ndia. Antes da transi???o para a energia solar, aqui eram usadas usinas ???



Tokelau (Bedeutung ???"Nordwestwind" oder ???"Blattspitze" [4]; bis 1976 offiziell Tokelau Islands [5], ehemaliger Kolonialname Union-Inseln) ist ein von Neuseeland abh?ngiges Gebiet im S?dpazifik.. Tokelau besteht aus drei ???



RES: 1MW off-grid solar energy system across three main atolls of Tokelau. The project includes : 4032 solar modules, 196 string inverters, 112 DC charge controllers, 84 battery inverters and 1344 batteries in 48V banks. ???



(SeeNews) - Nov 7, 2012 - The atolls of Tokelau in the South Pacific became the first territory in the world to meet almost all of its power demand with solar power via a NZD-8.5-million (USD ???



6 ? In 2012, Tokelau became the first territory in the world to generate 100% of its electricity from solar energy. The territory observes both Christian religious practices and traditional Polynesian customs, with Christianity playing ???



Nesta página são apresentadas as principais cidades, localidades e capital de Toquelau (Ilhas). Para efeito de organização foram distribuídas em ordem de população e ordem ???



Les Tokelau forment l'un des plus petits ?tats du monde avec une superficie de seulement 10 km² ; seuls la principauté de Monaco et l'État du Vatican comptent une superficie plus réduite, ???