



Norfolk Island tess energy solutions

Where can Tess help?

Learn how TESS helps. Manufacturing Plants, Chemical Processing Plants, and more. Federal buildings, State capitols, offices and more. High-rise buildings, Corporate Headquarters & more. Data centers, Cryptomining facilities, and more. Large Retailers, Grocery, Restaurants & more. Sports stadium, Theaters, Museums and more.

Why is Norfolk Island transitioning to green energy?

Norfolk Island is transitioning to green energy to reduce its dependence on diesel-fired generation, which is becoming more expensive and more difficult to source as countries around the world seek to decarbonize their economies. This initiative is comprised of several interrelated elements: Project Background

What is Norfolk Island's diesel-fired generation initiative?

This initiative is comprised of several interrelated elements: Project Background In 2022, the Commonwealth Government provided a \$5.25 million grant to Norfolk Island Regional Council to transition the island away from diesel-fired generation.

Cash-strapped Norfolk Island looking to storage to mop up excess solar PV, reduce growing "solar debt" and slash its high electricity costs.

Installation of new meters at every electricity service point throughout Norfolk Island; A new billing system that leverages time of use data from the new meters to manage dynamic tariffs; Making solar and battery solutions subsidised by the Commonwealth Government and NIRC available to property owners; Project Background

Roll out time-of-use metering to all residents and businesses leveraging Norfolk Island's new 4G mobile phone network. Introduce the dynamic tariffs using new billing software. Provide solar ...

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For over 50 years, TESS has been a trusted partner in supplying high-quality hoses, fittings, and comprehensive service towards the Energy sector. Our commitment is to provide innovative, ...

TESS optimizes energy usage by capturing, storing, and redeploying excess thermal energy generated by various processes, reducing overall power consumption by 20-40%. In the Hybrid Energy Recovery Configuration, the stored energy can be utilized to load level, peak shave, and in some cases provide a short term uninterrupted power supply function.



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Does the BESY Energy Platform support grid stability and resilience on Norfolk Island? Yes, the platform enhances grid stability by balancing energy supply and demand, and by integrating solar and battery systems.

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Truly industry- and size-agnostic, TESS offers optimal solutions for any building with a minimum energy consumption of 600,000 kWh/month, providing customizable solutions for more challenging, outside-of-the-norm facilities.

Roll out time-of-use metering to all residents and businesses leveraging Norfolk Island's new 4G mobile phone network. Introduce the dynamic tariffs using new billing software. Provide solar and energy storage packages to electricity consumers

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