



Mtu power solutions Turks and Caicos Islands

Who owns Turks & Caicos utility limited (TCU)?

Turks & Caicos Utility Limited (TCU) is wholly owned by FortisTCI and provides electricity to Grand Turk and Salt Cay. In 2010, the government of Turks and Caicos contracted with a consultant to draft recommendations for exploring the use of renewable energy and energy efficiency technologies to create a more sustainable energy framework.

How much does electricity cost in Turks and Caicos?

The 2015 electricity rates in Turks and Caicos are \$0.29 per kilowatt-hour (kWh), slightly below the Caribbean regional average of \$0.33/kWh. Like many island nations, Turks and Caicos is almost 100% reliant on imported fossil fuel, leaving it vulnerable to global oil price fluctuations that have a direct impact on the cost of electricity.

Who regulates the electricity sector in Turks and Caicos?

Four main entities are responsible for governing the electricity sector in Turks and Caicos. The governor grants and revokes licenses, regulates the level and structure of tariffs that electric companies can charge for various customer groups, and approves changes to these regulations.

Does Turks and Caicos have a policy on energy efficiency?

Turks and Caicos has few policies related to energy efficiency and renewable energy. Historically, the territory has not implemented policy mechanisms to aid in the development of clean and energy-efficient technologies.

Could ocean thermal energy help Turks and Caicos meet its peak demand?

Once wave and ocean thermal technologies are proven in the marketplace, ocean energy and ocean thermal energy conversion have potential as well. Abundant wind and solar resources, as well as the potential for other renewable sources could help Turks and Caicos meet or exceed its peak demand of 34.7 MW.

FortisTCI has expanded its energy production capacity to maintain a reliable electricity supply as the Turks and Caicos economy grows. In 2024, electricity demand is expected to grow 8.1% compared to the previous year.

Our digital solutions unlock the full potential of your mtu products by ensuring efficient and fuel-optimized operation and extending maintenance intervals. In this way, they reduce CO2 emissions at the same time.

Rolls-Royce Solutions America Inc. is a leading producer of diesel-powered generator sets from 30 kW to 3,250 kW and natural gas-powered generator sets from 20 kW to 400 kW for standby and prime power applications.



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For over 110 years, we have provided innovative power solutions for our customers - meeting even the most demanding drive requirements. Our products and services span a wide range of applications and power needs, with both standard and customized options.

The Rolls-Royce Power Systems division is expanding the portfolio of its product and solution brand mtu to include uninterruptible power supply systems. From 1st February, the flywheel ...

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mtu 4000 series generator sets perform at the highest level and cover the power range from 1125 to 3250 kWe (1550 to 3400 kVA). With a robust design and optimal fuel consumption, our diesel generator sets are trusted by customers around the world.

The Rolls-Royce Power Systems division is expanding the portfolio of its product and solution brand mtu to include uninterruptible power supply systems. From 1st February, the flywheel energy storage power supply systems have been marketed as mtu Kinetic PowerPacks.

Utilizing natural gas, biogas or other gases, mtu generator sets feature cutting-edge technology that provide combined heat and power (CHP), as well as combined heat, power and cooling (CHPC) solutions.

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