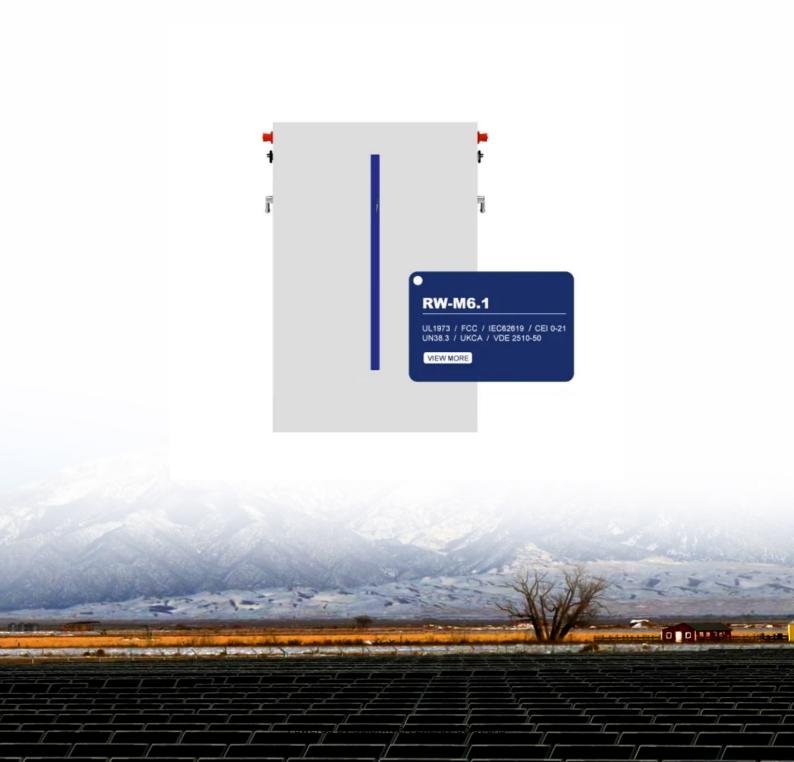


SolarInvert Energy Solutions

Grenada can use solar air conditioning





Overview

How much energy does a building need in Grenada?

GBPN data, typical energy use in building that only needs cooling in LAC region is 77 kWh/(m2*year) for urban buildings and 54 kWh/(m2*year) for rural buildings. About 36% of the population (WBG) lives in urban areas. Hence, the average energy demand for cooling in a building in Grenada is: 0.36*77 + 0.64*54 (Result is similar to assumption in GEA).

Are there mandatory appliance standards in Grenada?

Currently, no mandatory appliance standards exist in Grenada's RAC sector. In 2019, however, CARICOM has approved a regional label standard for refrigerators, and a similar energy efficiency labelling standard is being developed for air-conditioners. Similarly, CARICOM is also developing MEPS for member states to adopt and implement.

Will Grenada be able to reduce emissions by 2025?

In September 2015, Grenada's government submitted its Intended Nationally Determined Contributions (INDCs) to the UNFCCC, committing to undertake GHG emissions reductions of 30% of the 2010 level by 2025 and an indicative reduction of 40% of 2010 emissions compared to the BAU scenario by 203020.

What is the National cooling action plan (NCAP) for Grenada?

GIZ is responsible for the content of this publication. The National Cooling Action Plan (NCAP) for Grenada has been developed to assist the country in meeting its new obligations under the Kigali Amendment to the Montreal Protocol on substances that deplete the ozone layer.

What is the Grenada NCAP?

The Grenada NCAP has been developed utilizing information acquired from a comprehensive GHG inventory of the RAC sector and the inclusive



contributions of all RAC stakeholders. This plan would constitute the core implementation activities that Grenada would undertake to promote it's green and sustainable cooling initiatives.

Why should Grenada invest in refrigerant distribution in the mitigation scenario?

As presented in the development of refrigerant distribution in the mitigation scenario, additional support will enable Grenada to strongly accelerate this technology transition and diminish the importance of R32 after 2025, thereby enhancing Grenada's role model position with great replication potential for the CARICOM region and beyond. Table 7.



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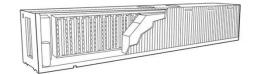


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National Cooling Action Plan for Grenada

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information of Grenada's building as well as refrigeration and air conditioning (RAC) sector. s related to space cooling in ...

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Cooling Tech Ltd. is the premier solutions provider of innovative climate solutions in Grenada and the OECS, offering our exclusive PureLine brand of low-GWP residential cooling equipment.



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