

# Comoros scud power

Is there wind power in the Comoros?

: Data not applicable 0 : Data not available (P): Projected The country has no known oil or gas reserves and hence has no upstream sector. The potential for wind power in the Comoros is low. Measurements indicate that wind speeds rarely go above 3 m/s, the average required to drive a wind generator.

How many people in the Comoros have access to electricity?

Just less than 70 per cent of the population of the Comoros has access to electricity: 61.4 per cent in rural areas and 85.1 per cent in urban areas (Table 3 and Figure 4). There are also access disparities between the three islands.

Which plants use the most energy in the Comoros?

Key consumption and production statistics are shown in Figures 2 and 3. Biomass (wood and charcoal) is used to provide about 70 per cent of energy use in the Comoros. Other plants being explored for generating biomass energy include oilseed plants, such as coconut, sesame, peanut and *Jatropha curcas* (REEEP, 2012).

How much energy does Grande Comore use?

The total installed capacity is 22.6 MW and the effective capacity is 13 MW. The monthly consumption on Grande Comore only is 3,782.7 KWh. These high costs make the possibility of switching or incorporating more renewable into the energy mix very attractive (Houmadi & Chaheire, 2015).

How many people live in the Comoros?

In 2013, the population of the Comoros was 13.1 million people (Table 1) (World Bank, 2016). Electricity production in 2015 was 6 ktoe, with all of it generated from fossil fuels. Final electricity consumption in the same year was 6 ktoe (AFREC, 2015). Table 2 shows the main energy statistics.

What is the electrification rate on Mohéli and Grande Comore?

For instance, the electrification rate on Grande Comore is 53.6 per cent, while on Mohéli it is 28.4 per cent and on Anjouan 22.6 per cent (REEEP, 2012). About a quarter of the population uses modern fuels, and of these, 10 per cent are in rural areas and 54 per cent in urban areas (World Bank, 2015); (World Bank, 2016).

Onshore wind: Potential wind power density (W/m<sup>2</sup>) is shown in the seven classes used by NREL, measured at a height of 100m. The bar chart shows the distribution of the country's land area in each of these classes compared to the global distribution of wind resources. Areas in the third class or above are considered to be a good wind resource.

The Union of the Comoros is a fragile country suffering from inadequate power supply. A technical study by the Bank1 confirms the urgent need for intervention in the country's electricity sector. Based on this study, the

Energy Sector Support Project, which

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The potential for wind power in the Comoros is low. Measurements indicate that wind speeds rarely go above 3 m/s, the average required to drive a wind generator. For instance, two wind turbines set up in Ngazidja in 1985 (one on the eastern coast at Mtsangadju ya Dimani and the other on the northern coast at Wella) to drive

Comoros: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page provides the data for your chosen country across all of the key metrics on this topic.

Comoros has 46MW decentralized installed capacity, which is heavily reliant on biomass and imported heavy fuels. The energy mix consists of 94.4% heavy fuels, 5.4% solar and 0.2% hydropower with more potential still to be realized mostly from ...

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