

## ContainerPower Energy Solutions

# 40kW solar power generation in Mauritius



## Overview

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Will Mauritius move to solar PV power generation?

The project seeks to accelerate sustainable on-grid PV electricity generation in Mauritius by leveraging \$ 17.5 million in private sector investment over its four-year implementation period. Moving to a Solar PV Power Generation in Mauritius, Rodrigues and the Outer Islands.

Are solar panels a good investment in Mauritius?

**Tax Incentives:** In Mauritius MRA offers tax credits to encourage the adoption of solar energy. These incentives can help reduce the upfront cost of installing solar panels, making them more financially attractive. **Low Maintenance:** Solar panels are relatively low maintenance.

Does Mauritius have solar and wind energy?

However, at present, the exploitation of solar and wind energy is still at the inception stage in Mauritius. Hydropower plants, with a combined installed capacity of 60 MW, contribute to some 4% of the total energy production. The share of bagasse in the energy mix accounts for around 11%.

What is the target for on-grid PV in Mauritius by 2025?

The target for on-grid PV in Mauritius by 2025 is 2% of electricity generation. It is envisaged that this project will enable Mauritius to meet (and maybe even surpass) this target.

How much energy does Mauritius generate?

Mauritius has a nominal installed capacity of 876.76 MW, out of which 498.47 MW are from CEB generating units and the remaining 378.29 MW are from Independent Power Producers, Medium Scale Distributed Generators and Small Scale Distributed Generators. In 2018, the total energy generated amounted to 2,827.6 GWh.

Where are the thermal power stations located in Mauritius?

Most of CEB's thermal power stations are located in the vicinity of the Port Area in Port Louis on account of on-shore fuel handling facilities which are readily available for unloading of fuel. Mauritius has a good solar regime, with a potential average annual solar radiation value of some 6 kWh/m<sup>2</sup>/day.

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