

A-Core Container

Jamaica power generation equipment container



Overview

Why is the Jamaican electricity sector important?

It also forms part of a broader exercise to develop a framework for benchmarking the Jamaican electricity sector. The performance of Jamaica's electricity industry is crucial for several reasons. Firstly, there is a high degree of correlation between electricity consumption and gross domestic product (GDP).

How can energy services companies improve energy use in Jamaica?

There are huge opportunities for increasing the efficiency of electricity use in Jamaica, particularly using an Energy Services Company (ESCO) framework. ESCOs are Energy Services Companies who bundle a number of energy services to form an energy saving project.

What is Jamaica's electricity generating mix?

According to the MEM (2009), in 2008 Jamaica's electricity generating mix consisted of 95 percent petroleum and 5 percent renewables. This mix is expected to change markedly by 2015 when petroleum is expected to represent 67 percent, natural gas 15 percent, petcoke/coal 5 percent, renewables 12.5 percent and others 0.5 percent.

Does Jamaica's energy consumption support low value added activities?

In essence, Jamaica's energy consumption has been increasing at a much faster pace than the expansion of the economy. This could mean that Jamaica's increasing electricity consumption is supporting low value added activities. If the same electricity resource was targeted toward higher value added activities, Jamaica could increase GDP per capita.

How much electricity does Jamaica use a year?

Jamaica was above the LAC average at 6 MWh per connection per year, in a group with Uruguay, Chile and St. Lucia. For Jamaica, this ratio has continued

to linger around the 6 MWh mark up until 2009. Countries significantly exceeding the LAC average are Venezuela (10), Costa Rica (9) and Panama (7).

How much does Jamaica cost per connection?

In terms of CAPEX per connection, Jamaica falls in the second quartile with Ecuador, Chile and the NOECs. CAPEX per connection in this grouping ranged from US\$46 in the NOECs to US\$64 in Chile. In contrast, the lowest cost countries are found in the first quartile and range from US\$9 in Paraguay to US\$40 in Brazil.

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