# **SOLAR PRO.** Standard energy inc Mayotte

#### What is the energy sector like in Mayotte?

The energy sector in Mayotte is mainly oriented towards the consumption of electricity based on fossil fuels; renewable energies are currently underdeveloped for the moment, and there is no export of fossil fuels. Electricity in Mayotte in 2015 was 95% thermal sources and 5% renewable energy.

#### Is Mayotte a good place to get electricity?

Electricity in Mayotte in 2015 was 95% thermal sources and 5% renewable energy. The multi-year energy program sets a target of 30% renewable energies in final consumption in 2020. Electricity needs are growing strongly due to the growth of Mayotte and its population, as well as the increase in electricity.

# Which port generates most of the electricity in Mayotte?

The port of Longonigenerates most of the electricity in Mayotte. The energy sector in Mayotte is mainly oriented towards the consumption of electricity based on fossil fuels; renewable energies are currently underdeveloped for the moment, and there is no export of fossil fuels.

#### What is standard energy doing now?

Holding patents for their groundbreaking technologies, Standard Energy is currently manufacturing prototype products. The company is also preparing to offer electric power services for virtual power plants and electric vehicle hyper charging stations.

### Who owns electricity in Mayotte?

The only electricity supplier on the island is Électricité de Mayotte,a société anonyme d'économie mixte owned by the General Council of Mayotte(50.01%),Électricité de France (24,99%),SAUR International (24,99%),and the State (0,01%). EDM entered the Industries Électriques et Gazières (IEG) on 1st January 2011.

# How many thermal power stations are there in Mayotte?

There are two thermal power stations in Mayotte, consisting of 17 diesel engines in all. The motors are of different powers (between 750kW and 8MW) and use different technologies. This makes it possible to adjust as needed.

Standard Energy was founded by alumni and professors from KAIST in the Republic of Korea and MIT. The company designs and produces small to large-scale secondary batteries for energy storage systems (ESS) based on vanadium ion battery technologies.

STANDARD has extensive industry experience and core technologies in cell R& D and manufacturing, featuring comprehensive digitalization and intelligence. Its main products include N-type cells.

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