



# Home energy storage seychelles

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A clean energy pioneer positioning the UAE at the forefront of the worldwide energy transition.

Identifying value-enhancing initiatives for clean energy projects.

Advancing sustainability is at the core of Masdar.

Deploying renewable energy projects and realising low-carbon urban development

The Ile de Romainville Solar Park is a 5-megawatt (MW) solar photovoltaic (PV) power plant with battery storage in the Republic of Seychelles.

The project includes an energy storage system with a capacity of 5MW and 3.3 megawatt-hours (MWh), allowing for the safe and stable supply of electricity from the PV power plant to the main island of Mahé; and further increasing the resilience of the national grid of the Seychelles.

The project was financed by Abu Dhabi Fund for Development (ADFD), and is being developed by Masdar and the Seychelles' Public Utilities Corporation (PUC).

The PV array is specifically designed to maximise the use of available land, while allowing for maintenance of the wind turbines and minimising any shading losses resulting from them.

The new solar PV project was constructed on the same island that hosts five of the eight wind turbines of Masdar's first project in the Seychelles, the Port Victoria Wind Farm, which has been operational since 2013.

The Seychelles currently relies on fossil fuels, which account for around 20 percent of its imports, to meet its electricity demand. It is estimated the Ile de Romainville solar project will save approximately 2 million liters of fuel annually.

Saves approximately 2 million liters of fuel annually

Displaces approximately 6,000 tonnes of CO2 emissions annually

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