



Port Victoria Wind Power Project

Republic of Seychelles

The Port Victoria Wind Power Project, Masdar's 6 megawatt (MW) wind farm in the Republic of Seychelles, is the country's first large-scale renewable energy project. It accounts for more than 8 percent of the grid capacity on the archipelago's main island of Mahe, where 90 percent of the country's residents live.

The plant consists of eight wind turbines spread over two small islands off the coast of Mahe, five turbines located on the islands of Romainville and three at Ile du Port. The 750 kilowatt (kW) wind turbines were supplied by Unison Company, a South Korean turbine manufacturer and contractor.

Before the wind farm began operations, Seychelles was entirely dependent on imported fossil fuels to supply its electricity needs. The integration of clean, sustainable energy is helping the island nation decrease its power outages, address its long-term energy security and reduce its carbon footprint. The project produces nearly 7 gigawatt-hours (GWh) of clean energy each year, displacing approximately 5,500 tonnes of carbon dioxide annually and powering more than 2,100 homes.

The Port Victoria Wind Power Project is a major step towards meeting the Seychelles' energy policy, which aims to produce 15 percent of its energy from renewable sources by 2030.

QUICK FACTS

- First large-scale renewable energy project in the Seychelles
- Wind farm has capacity of 6 MW
- Consists of eight 750 kW wind turbines
- Supplies more than 8% of Mahe Island's grid capacity
- Produces nearly 7G Wh per year
- Farm covers a land area of 272,000 square meters
- Displaces about 5,500 tonnes of CO₂ per year
- Powers about 2,100 homes annually
- Saves 1.6 million liters of imported fuel each year
- The US\$28 million (AED102.8 million) project was financed through a grant from ADFD

The project was financed through a US\$28 million grant provided by the Abu Dhabi Fund for Development (ADFD) – the national entity for development aid. Masdar developed and delivered the project, which is owned and operated by the Government of Seychelles.