



PHU CUONG SOC TRANG OFFSHORE WIND FARM

The 1,400 MW Phu Cuong Soc Trang offshore wind farm will be one of the largest wind farm's in South East Asia when complete. The project is expected to start construction during 2021 with first power generated in 2023.



1,400 MW



Soc Trang Province
Location



Over 1.6 million
Homes powered
each year



Over 1.8 million
Tonnes CO₂e avoided
each year

The 1,400 MW Phu Cuong Soc Trang offshore wind farm is located in the Soc Trang province, along the coastline of the Mekong River Delta, 180 km south-southwest of Ho Chi Minh City. The project will be developed in two phases. Phase 1, 400 MW covers a sea area of 8,220 hectares and Phase 2, covers an area of 27,211 hectares. When the first 400 MW phase is completed, the closest turbines to shore will be 4 km from the coast and the furthest about 15 km. The location of Phase 2, 1,000 MW, is under consideration and will be further from shore.

The project is a joint venture between global renewable energy developer, Mainstream Renewable Power and Vietnamese conglomerate, The Phu Cuong Group.



PROGRESS TO DATE

2014 Onshore Met mast installed, and first wind data records commence.

2018 Environment Impact Assessment (EIA) and Environment and Social Impact Assessment (ESIA) commence.

Metocean studies commence with instruments measuring water depth, wave height and current speed.

Offshore LiDAR (M1) installed at Phase 1 location.

2019 Site Survey licence received for Phase 1, 400 MW.

Soc Trang People's Council approve Land Use plan for onshore elements of the project.

Pre-feasibility Study completed for Phase 1.

Grid System Impact Study completed for Phase 1.

Second offshore LiDAR (M2) installed at Phase 1 location.

2020 Submarine Cable System Design and Optimisation completed.

Turbine Design Foundations Study underway.

Onshore sub-station preliminary design prepared.

PDP Approval received for first 200 MW of Phase 1.

Site Survey licence received for Phase 2, 1,000 MW.

ESTIMATED NUMBER OF TURBINES – PHASE 1 (first 200 MW)

- Between 29 and 45 turbines
- Estimated Turbine capacity: 4.5 MW – 7 MW

ESTIMATED HEIGHT OF TURBINE

- Around 180 – 200 meters (tip to sea-bed)

DISTANCE TO SHORE:

- Phase 1: from 4 km to 15 km

GRID CONNECTION

Phase 1 - 400 MW will be connected to the 200kV Vinh Chau 2 substation currently under development by EVN and due to be completed in 2022 in Vinh Chau town, Soc Trang province.

Phase 2 - 1,000 MW grid assessment is underway to evaluate optimum connection location.

PROJECT CONTACTS



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For more information visit:

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