



SWELL

NER300

The project

Technology category: Ocean energy
Location: Peniche, Portugal
Max. NER 300 funding: EUR 9.1 million
Final investment decision: June 2018 (estimated)
Entry into operation: January 2020

State of advancement

The project has not started yet.

Outlook for coming year

Permitting is scheduled for the coming year. Environmental/ seabed occupation permitting of the project is also expected to be initiated during 2017.

First-of-a-kind commercial WaveRoller installation, the project preceding project SWELL, is scheduled for 2017. This installation plays an important role in securing the subsequent final investment decision.

Outlook for coming 5 years

The financial negotiations are ongoing, the contract is planned to be signed after having financing in place and then manufacturing works can begin. The installation is expected to take place during summers 2018 and 2019. The wave power plant is expected to be fully operational by the end of 2019.

Project sponsor

Enéolica - Energias Renováveis e Ambiente SA

Project summary

The project concerns a large-scale, grid-connected wave farm with a capacity of 5.6 MW that will be built on the coast a few miles north of the Peniche Peninsula, central Portugal. The project utilises WaveRoller devices, which are developed by AW-Energy, with total nominal capacity of 5.6 MW. The Oscillating Wave Surge Converters will be placed on the seabed and will be operating at a fully exposed ocean site delivering electricity to the Portuguese national grid.