

Marine renewable energy development

Pioneering the development of wave and tidal energy projects

Introduction

Ocean Prospect, part of the Wind Prospect Group, was established as a new venture to undertake the development of marine renewable energy projects.

With an eye to the future, Ocean Prospect believes that marine energy will become an important part of the future mix of renewable energies and an important means of achieving national and regional generation targets.

It has been estimated that marine renewables could meet 15 to 20% of current UK electricity demand, the bulk of that contributed by wave power.

Current Projects

With a view to exploiting this valuable resource, Ocean Prospect is committed to developing the WestWave project in collaboration with E.ON, the UK's largest integrated energy company.

WestWave is a proposed wave energy project, consisting of seven Pelamis P750 machines, manufactured by UK based Ocean Power Delivery. The array will connect to the South West Regional Development Agency's Wave Hub.

The 5.25MW project will supply electricity for approximately 3,000 homes and prevent around 11,000 tonnes of carbon dioxide emissions every year.

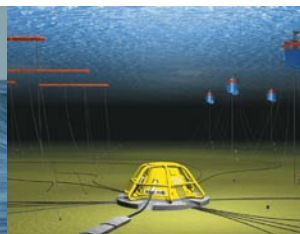
The Future

Ocean Prospect looks to work with developers of wave and tidal energy conversion technologies, using our extensive experience of developing renewable energy projects, both on-shore and off-shore.

We have a detailed knowledge of the UK marine consenting regime, liaison with statutory consultees and NGOs and consultation with local stakeholders and the public, making us ideally positioned to successfully deploy new marine energy technologies.



Pelamis, courtesy of Ocean Power Delivery Ltd.



WaveHub, artist's impression, courtesy of South West of England RDA



Pelamis wavefarm, artist's impression, courtesy of Ocean Power Delivery Ltd.

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