Analyzing Marine Energy in the US

Description: Marine energy is the energy carried by ocean waves. The movement of the water creates a large amount of kinetic energy. This energy can be harnessed to produce electricity.

The ocean energy industry has a number of technologies and concepts. The diversity in the industry is having an unintended impact on the development of the supply chain which could play a significant role in the development of the ocean energy sector and also help in reduction of costs and the commercialization of various concepts.

Marine energy in the US is a relatively nascent industry and lags behind that of the United Kingdom. However, recent developments have boosted the growth of this market, with California and Oregon leading the marine energy industry in the US. It is expected that in the next five years, the US marine energy industry will witness significant investment as well as growth.

Ocean Power Technologies, Marine Current Turbines, Oceana Energy, etc., are some of the most powerful players in the industry.

Aruvian Research analyzes the Marine Energy industry in the US in its research reports Analyzing Marine Energy in the US. The report begins with a brief profile of the global energy industry and the global renewable energy industry. We look at the oil market, the natural gas market and the future perspective of the global energy industry.

Analyzing the global market for marine energy, we look at the industry through an overview of what is marine energy and the technology behind marine energy. In our report, we analyze the marine energy industry through the technologies of tidal energy and wave energy. We include industry statistics, supply chain analysis, installed capacity of marine energy worldwide and generation statistics of marine energy worldwide. We analyze global statistics as well as installed capacity and generation capacity for both tidal energy and wave energy.

Moving to the analysis of the marine energy market in the US, we analyze the industry through an industry overview, the capacity of tidal energy in the US, the capacity of wave energy in the US, as well as generation statistics of both tidal and wave energy. An economic analysis of marine energy in the US is also undertaken. We carry out an analysis of marine energy in California and Oregon, followed by a look at the regulatory framework in the country impacting the marine energy industry.

Major industry players such as Ocean Power Technologies, AWS Ocean Energy, Pelamis, etc., are analyzed in this in-depth report on marine energy in the US Research.

Contents:
A. Executive Summary
B. Global Energy Industry: Brief Profile
   B.1 Industry Definition
   B.2 Brief Profile of the Industry
   B.3 Looking at the Global Oil Market
   B.4 Looking at the Global Natural Gas
   B.5 Looking at Other Fuels
   B.6 Future Perspective

C. Global Renewable Energy Industry: Brief Profile

D. Global Market for Marine Energy
   D.1 Overview
   D.2 Technology behind Marine Energy
      D.2.1 Tidal Technology
      D.2.2 Wave Technology
D.2.3 Upcoming Technologies
D.3 Industry Overview
D.4 Global Marine Energy Capacity
D.4.1 Marine Energy
D.4.2 Tidal Technology
D.4.3 Wave Technology
D.5 Generation Statistics
D.5.1 Marine Energy
D.5.2 Tidal Technology
D.5.3 Wave Technology

E. Marine Energy in the United States
E.1 Industry Overview
E.2 Capacity of Tidal Energy
E.3 Capacity of Wave Energy
E.4 Tidal Energy Generation Statistics
E.5 Wave Energy Generation Statistics
E.6 Economic Analysis

F. Marine Energy in the US by States
F.1 California
F.2 Oregon

G. Regulatory Framework
H. Major Industry Players
H.1 Ocean Power Technologies
H.1.1 Corporate Profile
H.1.2 Business Segment Analysis
H.1.3 Financial Analysis
H.1.4 SWOT Analysis
H.2 AWS Ocean Energy
H.3 Marine Current Turbines
H.4 Oceana Energy Company
H.5 Oceanlinx Limited
H.6 Ocean Renewable Power Company
H.7 Pelamis Wave Power Ltd

I. Glossary of Terms

List of Figures

Figure 1: Proved Reserves of Oil at end of 2011
Figure 2: Proved Reserves of Natural Gas at 2011 (Trillion Cubic Meters)
Figure 3: Control over Production of Remaining Commercial Reserves of Natural Gas
Figure 4: Proved Reserves of Coal at end of 2011
Figure 5: Global Energy Consumption Forecast (2003-2030)
Figure 6: Global Energy Consumption Forecast by Fuel Type (1980-2030)
Figure 7: Installed Capacity of the Global Renewable Energy Industry (in MW), 2013-2020
Figure 8: Global Renewable Energy Generation (in GWh), 2013-2020
Figure 9: Energy Levels of Waves & Potential Wave Energy Sites Worldwide (in kW/m)
Figure 10: Global Installed Capacity of Global Marine Energy (in MW), 2013-2020
Figure 11: Installed Capacity of Tidal Energy Worldwide (in MW), 2013-2020
Figure 12: Installed Capacity of Wave Energy Worldwide (in MW), 2013-2020
Figure 13: Global Generation of Marine Energy (in GWh), 2013-2020
Figure 14: Global Generation of Tidal Energy (in GWh), 2013-2020
Figure 15: Global Generation of Wave Energy (in GWh), 2013-2020
Figure 16: Potential of Wave Energy in US & Canada (in TWh/year)
Figure 17: Potential of Tidal Energy in US & Canada (in TWh/year)
Figure 18: Installed Capacity of Tidal Energy in the US (in MW), 2013-2020
Figure 19: Installed Capacity of Wave Energy in the US (in MW), 2013-2020
Figure 20: Generation of Tidal Energy in the US (in GWh), 2013-2020
Figure 21: Generation of Wave Energy in the US (in GWh), 2013-2020
Figure 22: Generation Costs of Wave Energy in the US (in Cents/kWh)
Figure 23: Generation Costs of Tidal Energy in the US (in Cents/kWh)

List of Tables

Table 1: Installed Capacity of the Global Renewable Energy Industry (in MW), 2013-2020
Table 2: Global Renewable Energy Generation (in GWh), 2013-2020
Table 3: Comparing Ocean Energy with Other Energy Sources
Table 4: Major Tidal Technology Industry Players & their Major Technologies
Table 5: Major Wave Technology Industry Players & their Major Technologies
Table 6: Global Installed Capacity of Global Marine Energy (in MW), 2013-2020
Table 7: Installed Capacity of Wave Energy Worldwide (in MW), 2013-2020
Table 8: Installed Capacity of Wave Energy Worldwide (in MW), 2013-2020
Table 9: Global Generation of Marine Energy (in GWh), 2013-2020
Table 10: Global Generation of Tidal Energy (in GWh), 2013-2020
Table 11: Global Generation of Wave Energy (in GWh), 2013-2020
Table 12: Installed Capacity of Tidal Energy in the US (in MW), 2013-2020
Table 13: Installed Capacity of Wave Energy in the US (in MW), 2013-2020
Table 14: Generation of Tidal Energy in the US (in GWh), 2013-2020
Table 15: Generation of Wave Energy in the US (in GWh), 2013-2020

Ordering:

Order Online - http://www.researchandmarkets.com/reports/2599870/

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit
http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Analyzing Marine Energy in the US</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Address</td>
<td><a href="http://www.researchandmarkets.com/reports/2599870/">http://www.researchandmarkets.com/reports/2599870/</a></td>
</tr>
<tr>
<td>Office Code</td>
<td>SC</td>
</tr>
</tbody>
</table>

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>USD 1000</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License:</td>
<td>USD 1250</td>
</tr>
<tr>
<td>Hard Copy:</td>
<td>USD 1500 + USD 59 Shipping/Handling</td>
</tr>
<tr>
<td>CD-ROM:</td>
<td>USD 1500 + USD 59 Shipping/Handling</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>USD 1500</td>
</tr>
</tbody>
</table>

* Shipping/Handling is only charged once per order.
* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in **BLOCK CAPITALS**

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr ☐ Mrs ☐ Dr ☐ Miss ☐ Ms ☐ Prof ☐</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td></td>
</tr>
<tr>
<td>Email Address:</td>
<td>*</td>
</tr>
<tr>
<td>Job Title:</td>
<td></td>
</tr>
<tr>
<td>Organisation:</td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td></td>
</tr>
<tr>
<td>Country:</td>
<td></td>
</tr>
<tr>
<td>Phone Number:</td>
<td></td>
</tr>
<tr>
<td>Fax Number:</td>
<td></td>
</tr>
</tbody>
</table>

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by Wire Transfer: Bank details will be provided on the invoice which you will receive after you place your order with us.

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:

(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World