Global Micro-CHP Market 2014-2018

Description:

About Micro CHP Systems

A micro CHP system is about the size of a major appliance with a capacity ranging from 1 kW to 6 kW and produces electricity as well as heat using generally natural gas as fuel. Micro CHP systems are extremely efficient with combined heat and power generating efficiency of approximately 90 percent. The small engines used in a micro CHP system burn fuel cleanly, providing reliable power and emitting less greenhouse gases compared with the grid. One micro CHP unit claims to produce less CO and nitrous oxides than a single burner on a kitchen gas range. The heat produced is used to meet the water and space heating needs of a building or home. Moreover, it also reduces the load on the grid and reduces transmission and distribution losses. A micro CHP system can be designed to generate heat with electricity as a by-product or produce electricity with heat as a by-product.

The Global Micro CHP market is expected to witness a significant growth during the period 2014-2018. In 2013, the market was dominated by the APAC, followed by the EMEA region and the Americas. The overall market is expected to grow at a CAGR of 37.7 percent during the forecast period.

Covered in this Report

The Global Micro CHP market can be segmented into five divisions based on technology: ICE, ORC, PEMFC, SE, and SOFC.

The report, the Global Micro CHP Market 2014-2018, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the Americas, and the EMEA, and APAC regions; it also covers the Global Micro CHP market landscape and its growth prospects in the coming years. The report also includes a discussion of the key vendors operating in this market.

Key Regions
- Americas
- APAC
- EMEA

Key Vendors
- BDR Thermea Group
- Honda Motors
- Vaillant
- Viessmann Group
- Panasonic

Other Prominent Vendors
- Acumentrics Corporation
- Ceramic Fuel Cells
- Ceres Power Holdings
- Clearedge Power
- COGEN Microsystems
- Dantherm Power
- Energetix Group

Market Drivers
- Increased Government Support
  - For a full, detailed list, view this report

Market Challenges
- High Initial Cost
  - For a full, detailed list, view this report

Market Trends
- Increased Micro CHP Contribution toward Smart Energy
Key Questions Answered in this Report
- What will the market size be in 2018 and what will the growth rate be?
- What are the key market trends?
- What is driving this market?
- What are the challenges to market growth?
- Who are the key vendors in this market space?
- What are the market opportunities and threats faced by the key vendors?
- What are the strengths and weaknesses of the key vendors?

Contents:
01. Executive Summary
02. List of Abbreviations
03. Scope of the Report
03.1 Market Overview
03.2 Product Offerings
04. Market Research Methodology
04.1 Market Research Process
04.2 Research Methodology
05. Introduction
06. Market Landscape
06.1 Market Overview
06.2 Market Size and Forecast
06.3 Five Forces Analysis
07. Market Segmentation by Technology
07.1 Market Segmentation by Technology
07.1.1 Internal Combustion Engine Technology
07.1.2 Organic Rankine Cycle Engine Technology
07.1.3 Proton Exchange Membrane Fuel Cell Technology
07.1.4 Stirling Engine Technology
07.1.5 Solid Oxide Fuel Cell Technology
07.2 Global Micro CHP Market by Technology 2013
07.3 Global Micro CHP Market by Technology 2018
07.4 Global Micro CHP Market by ICE Technology
07.4.1 Market Size and Forecast
07.5 Global Micro CHP Market by PEMFC Technology
07.5.1 Market Size and Forecast
07.6 Global Micro CHP Market by SE Technology
07.6.1 Market Size and Forecast
07.7 Global Micro CHP Market by ORC Technology
07.7.1 Market Size and Forecast
07.8 Global Micro CHP Market by SOFC Technology
07.8.1 Market Size and Forecast
08. Geographical Segmentation
08.1 Global Micro CHP Market by Geographical Segmentation 2013
08.2 Global Micro CHP Market by Geographical Segmentation 2018
08.3 Micro CHP Market in the APAC Region
08.3.1 Market Size and Forecast
08.4 Micro CHP Market in the EMEA Region
08.4.1 Market Size and Forecast
08.5 Micro CHP Market in the Americas
08.5.1 Market Size and Forecast
09. Key Leading Countries
09.1 Japan
09.2 Germany
09.3 UK
10. Buying Criteria
11. Market Growth Drivers
12. Drivers and their Impact
13. Market Challenges
14. Impact of Drivers and Challenges
15. Market Trends
16. Trends and their Impact
17. Vendor Landscape
17.1 Competitive Scenario
17.1.1 Key News
17.2 Other Prominent Vendors
18. Key Vendor Analysis
18.1 Honda
18.1.1 Business Overview
18.1.2 Business Segmentation
18.1.3 Key Information
18.1.4 SWOT Analysis
18.2 BDR Thermea
18.2.1 Business Overview
18.2.2 Business Segmentation
18.2.3 Key Information
18.2.4 SWOT Analysis
18.3 Vaillant
18.3.1 Business Overview
18.3.2 Business Segmentation
18.3.3 Key Information
18.3.4 SWOT Analysis
18.4 Panasonic
18.4.1 Business Overview
18.4.2 Business Segmentation
18.4.3 Key Information
18.4.4 SWOT Analysis
19. Other Reports in this Series

List of Exhibits
Exhibit 1: Market Research Methodology
Exhibit 2: Global Micro CHP Market by Cumulative Installed Units 2013-2018
Exhibit 3: Type of Micro CHP systems
Exhibit 4: Global Micro CHP Market Segmentation by Technology 2013
Exhibit 5: Global Micro CHP Market Segmentation by Technology 2018
Exhibit 6: Global Micro CHP Market Segmentation by Technology 2013-2018
Exhibit 7: Global Micro CHP Market by ICE Technology 2013-2018 (Units)
Exhibit 8: Global Micro CHP Market by PEMFC Technology 2013-2018 (Units)
Exhibit 9: Global Micro CHP Market by SE Technology 2013-2018 (Units)
Exhibit 10: Global Micro CHP Market by ORC Technology 2013-2018 (Units)
Exhibit 11: Global Micro CHP Market by SOFC Technology 2013-2018 (Units)
Exhibit 12: Global Micro CHP Market by Geographical Segmentation 2013
Exhibit 13: Global Micro CHP Market by Geographical Segmentation 2018
Exhibit 14: Micro CHP Market in the APAC Region 2013-2018 (Units)
Exhibit 15: Micro CHP Market in the EMEA Region 2013-2018 (Units)
Exhibit 16: Micro CHP Market in the Americas Region 2013-2018 (Units)
Exhibit 17: Business Segmentation of Honda 2013
Exhibit 18: Business Segmentation of BDR Thermea 2013
Exhibit 19: Business Segmentation of Vaillant 2013
Exhibit 20: Business Segmentation of Panasonic 2013

Ordering:
Order Online - http://www.researchandmarkets.com/reports/2912817/

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.

- **Product Name:** Global Micro-CHP Market 2014-2018
- **Web Address:** [http://www.researchandmarkets.com/reports/2912817/](http://www.researchandmarkets.com/reports/2912817/)
- **Office Code:** SCPLSXKR

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

<table>
<thead>
<tr>
<th>Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User</td>
<td></td>
<td>USD 2500</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users</td>
<td></td>
<td>USD 2800</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License</td>
<td></td>
<td>USD 3500</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide</td>
<td></td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

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

- **Title:** [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof [ ]
- **First Name:** ____________________________ **Last Name:** ____________________________
- **Email Address:** * ____________________________
- **Job Title:** ____________________________
- **Organisation:** ____________________________
- **Address:** ____________________________
- **City:** ____________________________
- **Postal / Zip Code:** ____________________________
- **Country:** ____________________________
- **Phone Number:** ____________________________
- **Fax Number:** ____________________________

* 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: Please transfer funds to:

<table>
<thead>
<tr>
<th>Account number</th>
<th>833 130 83</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sort code</td>
<td>98-53-30</td>
</tr>
<tr>
<td>Swift code</td>
<td>ULSBIE2D</td>
</tr>
<tr>
<td>IBAN number</td>
<td>IE78ULSB98533083313083</td>
</tr>
<tr>
<td>Bank Address</td>
<td>Ulster Bank, 27-35 Main Street, Blackrock, Co. Dublin, Ireland</td>
</tr>
</tbody>
</table>

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