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?
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