Micro Turbine Market by Power Rating (12 kW-50 kW, 50 kW-250 kW, & 250 kW-500 kW), by Application (Combined Heat Power & Standby Power), by End-User (Industrial, Commercial, & Residential), & by Region - Global Forecast and Trends to 2021

Description: “Micro Turbine market is projected to reach USD 249.9 million by 2021.”

The micro turbine market is expected to reach a value of USD 249.9 million by 2021, at a CAGR of 11.5% from 2016 to 2021. Increasing demand for electric power worldwide, subsequent investments in creating new generating capacity, and growing adoption of Combined Heat & Power (CHP) is driving the market for micro turbines across the world.

“The industrial segment would dominate the global micro turbine market”

Industrial segment accounted for more than half of the micro turbine market. This can be attributed to the increased operations in construction & manufacturing, mining industries, oil & gas, automotive, & pharmaceuticals industries, and the demand for micro turbines that powers them. The oil & gas sector is a vital industry for micro turbine applications as various commodity prices depend on the price of oil. Micro turbines also find suitability in the renewable energy industry, particularly in wastewater treatment plants where the environment-unfriendly gas—methane—is used to generate electricity and heat, thereby resulting in the production of clean energy.

“North American region: The largest market for micro turbines”

The North American region is currently the largest market for micro turbines followed by Europe and Asia-Pacific. The U.S. accounted for a majority share in the North American region in 2015, whereas Canada is projected to grow at the highest CAGR from 2016 to 2021. Aging power plants and frequent natural calamities have created enormous growth opportunities for the micro turbine market in this region. The Shale gas boom in North America and decommissioning of nuclear plants in Europe are boosting the demand for micro turbines in those regions.

Breakdown of Primaries:

In-depth interviews have been conducted with various key industry participants, subject-matter experts, C-level executives of key market players, and industry consultants among other experts to obtain & verify critical qualitative and quantitate information as well as assess future market prospects. Distribution of primary interviews is as follows:

By Company Type: Tier 1—15%, Tier 2—35%, and Tier 3—50%
By Designation: C-Level—23%, Director Level—27%, and Others*—50%
By Region: North America—25%, Europe—15%, Asia-Pacific—43%, and Rest of the World—17%

Note: *Others include sales managers, marketing managers, product managers, and engineers. The tier of companies has been defined on the basis of their segmental revenues, as of 2015: Tier 1 = > USD 100 million, Tier 2 = From USD 50 million to USD 100 million, and Tier 3 = < USD 50 million.

Leading players of this industry have been profiled with their recent developments and other strategic activities. These include Capstone Turbine Corporation (U.S.), FlexEnergy, Inc. (U.S.), Ansaldo Energia S.p.A (Italy), and Brayton Energy LLC. (U.S.), among others.

Why buy this report?

1. The report identifies and addresses key markets for micro turbine which is useful for suppliers and OEMs to review production and distribution plans
2. The report includes analysis for key countries by technological application of micro turbines, i.e., CHP and standby power applications. It analyses historical trends and also forecast for 2021 assisting in strategic decision making
3. It also presents competition by analyzing recent market developments such as key contracts, expansions, and new product launches from the key global market players. It helps understand the competition strategies and plan respective initiatives

Contents:

1 Introduction
1.1 Objectives of the Study
1.2 Market Definition
1.3 Study Scope
1.3.1 Markets Covered
1.3.2 Years Considered for the Study
1.4 Currency
1.5 Limitations
1.6 Stakeholders

2 Research Methodology
2.1 Research Data
2.1.1 Secondary Data
2.1.1.1 Key Data From Secondary Sources
2.1.2 Primary Data
2.1.2.1 Key Data From Primary Sources
2.1.2.2 Key Industry Insights
2.1.2.3 Breakdown of Primaries
2.2 Market Size Estimation
2.2.1 Bottom-Up Approach
2.2.2 Top-Down Approach
2.3 Market Breakdown & Data Triangulation
2.4 Research Assumptions & Limitations
2.4.1 Assumptions
2.4.2 Limitations

3 Executive Summary
3.1 Introduction
3.1.1 Historical Backdrop
3.2 Current Scenario
3.3 Future Outlook
3.4 Conclusion

4 Premium Insights
4.1 Attractive Market Opportunities
4.2 Industrial End Users are Expected to Dominate the Micro Turbine Market During the Forecast Period
4.3 North America Held the Largest Market Share in the Micro Turbine Market in 2016
4.4 North America, the Largest Micro Turbine Market in 2015
4.5 Micro Turbine Market: By End User
4.6 CHP Micro Turbine Market is Expected to Grow at the Fastest Pace During 2016-2021

5 Market Overview
5.1 Introduction
5.2 Market Segmentation
5.2.1 By Power Rating
5.2.1.1 12 kW -50 kW
5.2.1.2 50 kW-250 kW
5.2.1.3 250 kW-500 kW
5.2.2 By Application
5.2.2.1 Combined Heat & Power (CHP)
5.2.2.2 Standby Power
5.2.3 By End User
5.2.3.1 Industrial
5.2.3.2 Commercial
5.2.3.3 Residential
5.3 Market Dynamics
5.3.1 Drivers
5.3.1.1 Increase in Energy Demand
5.3.1.2 High Reliability
5.3.1.3 Focus on Generating Clean Energy
5.3.1.4 Easy Availability of Fuel
5.3.2 Restraints
5.3.2.1 Low Electrical Efficiency
5.3.2.2 Low Oil Prices
5.3.3 Opportunities
5.3.3.1 Fluctuating Weather Conditions
5.3.3.2 Unreliable Grid Operations
5.3.3.3 Urbanization & Industrialization
5.3.4 Challenges
5.3.4.1 Electrical Grid Modernization & Network Upgradation
5.3.4.2 Competition From Existing Distributed Generation Technologies
5.4 Impact of Market Dynamics
5.5 Supply Chain Analysis
5.6 Porter’s Five Forces Analysis
5.6.1 Threat of New Entrants
5.6.2 Threat of Substitutes
5.6.3 Bargaining Power of Buyers
5.6.4 Bargaining Power of Suppliers
5.6.5 Intensity of Competitive Rivalry

6 Micro Turbine Market, By Application
6.1 Introduction
6.2 Combined Heat & Power
6.3 Stand By Power

7 Micro Turbine Market, By End User
7.1 Introduction
7.2 Industrial
7.3 Commercial
7.4 Residential

8 Micro Turbines Market, By Power Rating
8.1 Introduction
8.2 12 kW to 50 kW
8.3 50 kW to 250 kW
8.4 250 kW to 500 kW

9 Micro Turbine Market, By Region
9.1 Introduction
9.2 North America
9.2.1 By Application
9.2.2 By End User
9.2.3 By Power Rating
9.2.4 By Country
9.2.4.1 U.S.
9.2.4.2 Canada
9.3 Europe
9.3.1 By Application
9.3.2 By End User
9.3.3 By Power Rating
9.3.4 By Country
9.3.4.1 Russia
9.3.4.2 Germany
9.3.4.3 U.K.
9.3.4.4 Rest of Europe
9.4 Asia-Pacific
9.4.1 By Application
9.4.2 By End User
9.4.3 By Power Rating
9.4.4 By Country
9.4.4.1 Australia
9.4.4.2 China
9.4.4.3 Malaysia
9.4.4.4 Rest of Asia-Pacific
9.5 Rest of the World
9.5.1 By Application
9.5.2 By End User
9.5.3 By Power Rating
9.5.4 By Country
11.12 Bladon Jets
11.12.1 Business Overview
11.12.2 Products Offered
11.12.3 Recent Developments, 2014

12 Appendix
12.1 Insights of Industry Experts
12.2 Discussion Guide
12.3 Recent Developments: Capstone Turbine Corporation, 2013-2016
12.4 Recent Developments: Flexenergy Inc., 2012-2015
12.5 Introducing RT: Real Time Market Intelligence
12.6 Available Customizations
12.7 Related Reports

List of Tables

Table 1 Micro Turbine Market Size, By Application, 2014-2021 (USD Million)
Table 2 Combined Heat & Power Micro Turbine Market Size, By Region, 2014-2021 (USD Million)
Table 3 Stand By Power Micro Turbine Market Size, By Region, 2014-2021 (USD Million)
Table 4 Micro Turbine Market Size, By End User, 2014-2021 (USD Million)
Table 5 Industrial Micro Turbines Market Size, By Region, 2014-2021 (USD Million)
Table 6 Commercial Micro Turbines Market Size, By Region, 2014-2021 (USD Million)
Table 7 Residential Micro Turbines Market Size, By Region, 2014-2021 (USD Million)
Table 8 Micro Turbines Market Size, By Power Ratings, 2014-2021 (USD Million)
Table 9 12 kW - 50 kW Micro Turbines Market Size, By Region, 2014-2021 (USD Million)
Table 10 50 kW - 250 kW Micro Turbines Market Size, By Region, 2014-2021 (USD Million)
Table 11 250 kW - 500 kW Micro Turbines Market Size, By Region, 2014-2021 (USD Million)
Table 12 Micro Turbine Market Size, By Region, 2014-2021 (USD Million)
Table 13 North America Micro Turbine Market Size, By Country, 2014-2021 (USD Million)
Table 14 North America Micro Turbine Market Size, By Application, 2014-2021 (USD Million)
Table 15 North America CHP Micro Turbine Market Size, By Country, 2014-2021 (USD Million)
Table 16 North America Stand By Power Micro Turbine Market Size, By Country, 2014-2021 (USD Million)
Table 17 North America Micro Turbine Market Size, By End User, 2014-2021 (USD Million)
Table 18 North America Micro Turbine Market Size, By Power Rating, 2014-2021 (USD Million)
Table 19 U.S. Micro Turbine Market Size, By Application, 2014-2021 (USD Million)
Table 20 U.S. Micro Turbine Market Size, By End User, 2014-2021 (USD Million)
Table 21 Canada Micro Turbine Market Size, By Application, 2014-2021 (USD Million)
Table 22 Canada Micro Turbine Market Size, By End User, 2014-2021 (USD Million)
Table 23 Europe Micro Turbine Market Size, By Country, 2014-2021 (USD Million)
Table 24 Europe Micro Turbine Market Size, By Application, 2014-2021 (USD Million)
Table 25 Europe CHP Micro Turbine Market Size, By Country, 2014-2021 (USD Million)
Table 26 Europe Stand By Power Micro Turbine Market Size, By Country, 2014-2021 (USD Million)
Table 27 Europe Micro Turbine Market Size, By End User, 2014-2021 (USD Million)
Table 28 Europe Micro Turbine Market Size, By Power Rating, 2014-2021 (USD Million)
Table 29 Russia Micro Turbine Market Size, By Application, 2014-2021 (USD Million)
Table 30 Russia Micro Turbine Market Size, By End User, 2014-2021 (USD Million)
Table 31 Germany Micro Turbine Market Size, By Application, 2014-2021 (USD Million)
Table 32 Germany Micro Turbine Market Size, By End User, 2014-2021 (USD Million)
Table 33 U.K. Micro Turbine Market Size, By Application, 2014-2021 (USD Million)
Table 34 U.K. Micro Turbine Market Size, By End User, 2014-2021 (USD Million)
Table 35 Rest of Europe Micro Turbine Market Size, By Application, 2014-2021 (USD Million)
Table 36 Rest of Europe Micro Turbine Market Size, By End User, 2014-2021 (USD Million)
Table 37 Asia-Pacific Micro Turbine Market Size, By Country, 2014-2021 (USD Million)
Table 38 Asia-Pacific Micro Turbine Market Size, By Application, 2014-2021 (USD Million)
Table 39 Asia-Pacific CHP Micro Turbine Market Size, By Country, 2014-2021 (USD Million)
Table 40 Asia-Pacific Stand By Power Micro Turbine Market Size, By Country, 2014-2021 (USD Million)
Table 41 Asia-Pacific Micro Turbine Market Size, By End User, 2014-2021 (USD Million)
Table 42 Asia-Pacific Micro Turbine Market Size, By Power Rating, 2014-2021 (USD Million)
Table 43 Australia Micro Turbine Market Size, By Application, 2014-2021 (USD Million)
Table 44 Australia Micro Turbine Market Size, By End User, 2014-2021 (USD Million)
Table 45 China Micro Turbine Market Size, By Application, 2014-2021 (USD Million)
Table 46 China Micro Turbine Market Size, By End User, 2014-2021 (USD Million)
Table 47 Malaysia Micro Turbine Market Size, By Application, 2014-2021 (USD Million)
Table 48 Malaysia Micro Turbine Market Size, By End User, 2014-2021 (USD Million)
Table 49 Rest of Asia-Pacific Micro Turbine Market Size, By Application, 2014-2021 (USD Million)
Table 50 Rest of Asia-Pacific Micro Turbine Market Size, By End User, 2014-2021 (USD Million)
Table 51 Rest of the World Micro Turbine Market Size, By Country, 2014-2021 (USD Million)
Table 52 Rest of the World Micro Turbine Market Size, By Application, 2014-2021 (USD Million)
Table 53 Rest of the World CHP Micro Turbine Market Size, By Country, 2014-2021 (USD Million)
Table 54 Rest of the World Stand By Power Micro Turbine Market Size, By Country, 2014-2021 (USD Million)
Table 55 Rest of the World Micro Turbine Market Size, By End User, 2014-2021 (USD Million)
Table 56 Rest of the World Micro Turbine Market Size, By Power Rating, 2014-2021 (USD Million)
Table 57 Mexico Micro Turbine Market Size, By Application, 2014-2021 (USD Million)
Table 58 Mexico Micro Turbine Market Size, By End User, 2014-2021 (USD Million)
Table 59 Brazil Micro Turbine Market Size, By Application, 2014-2021 (USD Million)
Table 60 Brazil Micro Turbine Market Size, By End User, 2014-2021 (USD Million)
Table 61 Colombia Micro Turbine Market Size, By Application, 2014-2021 (USD Million)
Table 62 Colombia Micro Turbine Market Size, By End User, 2014-2021 (USD Million)
Table 63 Others Micro Turbine Market Size, By Application, 2014-2021 (USD Million)
Table 64 Others Micro Turbine Market Size, By End User, 2014-2021 (USD Million)
Table 65 Contracts & Agreements, 2015
Table 66 New Product Developments, 2013-2015
Table 67 Mergers & Acquisitions, 2016
Table 68 Expansions & Investments, 2014-2016
Table 69 Joint Ventures & Partnerships, 2015
Table 70 Other Developments, 2014
Table 71 Capstone Turbine Corporation: Products Offered
Table 72 Flexenergy Inc. Products Offered
Table 73 Ansaldo Energia S.P.A.: Products Offered
Table 74 Brayton Energy, LLC.: Products Offered
Table 75 Eneftech Innovation SA: Products Offered
Table 76 Microturbine Technology BV: Products Offered
Table 77 Wilson Solarpower Corporation: Products Offered
Table 78 ICRtec: Products Offered
Table 79 Calnetix Technologies LLC.: Products Offered
Table 80 Toyota Motor Corporation: Products Offered
Table 81 Bladon Jets: Products Offered

List of Figures

Figure 1 Research Design: Micro Turbine Market
Figure 2 Bottom-Up Approach
Figure 3 Top-Down Approach
Figure 4 Data Triangulation
Figure 5 Assumptions of the Research Study
Figure 6 Limitations of the Research Study
Figure 7 North America Dominated the Micro Turbine Market in 2015
Figure 8 Micro Turbine Market: Application Snapshot (USD Million)
Figure 9 Industrial End User Segment Generated the Highest Demand for the Micro Turbines in 2015
Figure 10 Top Regions in the Micro Turbine Market (Value), By End User, 2015
Figure 11 Increase in the Demand for CHP Application Will Drive the Micro Turbine Market During the Forecast Period
Figure 12 The Segment is Projected to Occupy the Largest Market Size From 2016 to 2021
Figure 13 North America Held the Market Share of 50% in the Micro Turbine Market in 2016
Figure 14 North America Held the Market Share in the Micro Turbine Market in 2015
Figure 15 Industrial and Commercial End Users are Expected to Account for the Majority of the Market Share During the Forecast Period
Figure 16 The CHP Micro Turbine Market is Expected to Grow at the Highest CAGR During the Forecast Period
Figure 17 Schematic Diagram of A Recuperated Micro Turbine
Figure 18 Market Dynamics: Micro Turbine
Figure 19 Decline in Natural Gas Prices in the U.S. Since 2014
Figure 20 Slump in Oil Prices Since Mid-2014
Figure 21 Impact of Market Dynamics
Figure 22 Micro Turbine Market: Supply Chain Analysis
Figure 23 Porter's Five Forces Analysis: Micro Turbine Market
Figure 24 Micro Turbine Market Share (Value), By Application, 2015
Figure 25 CHP Occupied the Lion's Share of the Micro Turbine Market During the Forecast Period
Figure 26 Micro Turbine Market Share (Value), By End-User, 2015
Figure 27 Industrial and Commercial End User Segments Constitute More Than 90% of the Market
Figure 28 50 kW - 250 kW & 250 kW - 500 kW Segments Constitute More Than 80% of the Market
Figure 29 Regional Snapshot: North America to Be the Fastest-Growing Market, in Terms of Value (USD Million), for Micro Turbine Market (2016-2021)
Figure 30 Micro Turbine Market Share (Value), By Region, 2015
Figure 31 North America and Europe Dominated the Micro Turbine Market During the Forecast Period
Figure 32 Companies Adopted Contracts & Agreements and New Product/Service/Technology Developments to Capture the Market
Figure 33 Battle for Market Share: Contracts & Agreements Was the Key Strategy, 2013-2016
Figure 34 Capstone Turbine Corporation Accounted for the Maximum Share in the Micro Turbine Market, 2015
Figure 35 Market Evaluation Framework: Contracts & Agreements, Expansions & Investments, and Joint Ventures & Partnerships Fueled the Growth of Companies From 2013 to 2016
Figure 36 Region-Wise Revenue Mix of the Top Two Market Players
Figure 37 Capstone Turbine Corporation: Company Snapshot
Figure 38 Capstone Turbine Corporation: SWOT Analysis
Figure 39 Flexenergy Inc.: Company Snapshot
Figure 40 Flexenergy Inc.: SWOT Analysis
Figure 41 Ansaldo Energia S.P.A.: Company Snapshot
Figure 42 Ansaldo Energia SWOT Analysis
Figure 43 Brayton Energy LLC.: Company Snapshot
Figure 44 Eneftech Innovation SA: Company Snapshot
Figure 45 Microturbine Technology BV: Company Snapshot
Figure 46 Wilson Solarpower Corporation: Company Snapshot
Figure 47 Company Snapshot
Figure 48 Calnetix Technologies: Company Snapshot
Figure 49 Toyota Motor Corporation: Company Snapshot
Figure 50 Bladon Jets: Company Snapshot

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