
Description:
A renewable source of energy, biomass is mainly obtained from organic matter such as plant and animal waste. It is further converted into a combustible gas mixture through the process of biomass gasification. The energy released through the process can be used for cooking food, generating electricity, heating and transportation. Biomass offers a viable alternative to coal-based power generation. Due to rising environmental concerns and increasing green-house gas emissions, companies are now turning towards environment-friendly energy sources. Consequently, the market for biomass has grown significantly faster than other energy sources. Moreover, government's support through various policies and regulations along with abundant availability of biomass are some of the other factors that are currently driving this market. The global biomass electricity production has grown at a CAGR of around 8% during 2009-2016 reaching figures around 427 TWh in 2016.

“Biomass Gasification Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2017-2022” has segmented the market on the basis of sources and major regions. Currently, solid biomass represents the biggest source of biomass electricity production followed by biogas, municipal waste and liquid biomass. Geographically, Europe holds the biggest market share followed by North America. The report has also analysed some of the key players operating in the global biomass gasification market which include Lahti Energia, Vaskiluodon Voima, Rudorsdorfer Zement, Essent, Electrabel (part of GDF Suez), Sodra Cell Varo Pulp Mill, Agnion Technologies, Corenso United, Skive Fjernvarme, Babcock and Wilcox Volund.

The report provides a comprehensive analysis for setting up a biomass gasification plant. The study covers all the requisite aspects of the biomass gasification market and provides an in-depth analysis of the industry performance, processing and manufacturing requirements, project cost, project funding, project economics, expected returns on investment, profit margins, etc. This report is a must-read for entrepreneurs, investors, researchers, consultants, business strategists, and all those who are planning to foray into the biomass gasification market in any manner.

Key Questions Answered in This Report:

How has the power generation market performed so far and how will it perform in the coming years?
Who are the key regional producers in the global power generation industry?
What are the key production sources in the global power generation industry?
How has the biomass gasification market performed so far and how will it perform in the coming years?
Who are the key regional producers in the global biomass gasification industry?
What are the key production sources in the global biomass gasification industry?
What are the price trends of biomass electricity?
What are the various stages in the value chain of the biomass gasification industry?
What are the key driving factors and challenges in the biomass gasification industry?
What is the structure of the biomass gasification industry and who are the key players?
What is the degree of competition in the biomass gasification industry?
What are the profit margins in the biomass gasification industry?
What are the key requirements for setting up a biomass gasification plant?
How biomass electricity is produced?
What are the various unit operations involved in a biomass gasification plant?
What is the total size of land required for setting up a biomass gasification plant?
What are the machinery requirements for setting up a biomass gasification plant?
What are the raw material requirements for setting up a biomass gasification plant?
What are the utility requirements for setting up a biomass gasification plant?
What are the manpower requirements for setting up a biomass gasification plant?
What are the infrastructure costs for setting up a biomass gasification plant?
What are the capital costs for setting up a biomass gasification plant?
What are the operating costs for setting up a biomass gasification plant?
What will be the income and expenditures for a biomass gasification plant?
What is the time required to break-even?
11 Project Details, Requirements and Costs Involved
11.1 Land Requirements and Expenditures
11.2 Construction Requirements and Expenditures
11.3 Plant Machinery
11.4 Machinery Pictures
11.5 Raw Material Requirements and Expenditures
11.6 Raw Material and Final Product Pictures
11.7 Utility Requirements and Expenditures
11.8 Manpower Requirements and Expenditures
11.9 Other Capital Investments

12 Loans and Financial Assistance

13 Project Economics
13.1 Capital Cost of the Project
13.2 Techno-Economic Parameters
13.3 Product Pricing and Margins Across Various Levels of the Supply Chain
13.4 Taxation and Depreciation
13.5 Income Projections
13.6 Expenditure Projections
13.7 Financial Analysis
13.8 Profit Analysis

14 Key Player Profiles
14.1 Lahti Energia
14.2 Vaskiluodon Voima
14.3 Rudorsdorfer Zement
14.4 Essent
14.5 Electrabel

List of Figures
Figure 1: Global: Power Generation Industry Overview
Figure 2: Global: Power Generation Market: Production Volume Trends (in TWh), 2009 - 2016
Figure 3: Global: Power Generation Market: Production Breakup by Region (in %), 2016
Figure 4: Global: Power Generation Market: Production Breakup by Source (in %), 2016
Figure 5: Global: Power Generation Market Forecast: Production Volume Trends (in TWh), 2017 - 2022
Figure 6: Global: Biomass Gasification Industry Overview
Figure 7: Global: Biomass Gasification Market: Production Volume Trends (in TWh), 2009-2016
Figure 8: Global: Biomass Gasification Market: Value Trends (in Million US$), 2009-2016
Figure 9: Biomass Electricity Price Trends (in US$/TWh), 2009-2016
Figure 10: Global: Biomass Electricity Production: Breakup by Region (in %), 2016
Figure 11: Global: Biomass Electricity Production: Breakup by Source (in %), 2016
Figure 12: Global: Biomass Gasification Market Forecast: Production Volume Trends (in TWh), 2017 - 2022
Figure 13: Global: Biomass Gasification Market Forecast: Value Trends (in Million US$), 2017 - 2022
Figure 14: Global: Biomass Gasification Industry: SWOT Analysis
Figure 15: Global: Biomass Gasification Industry: Value Chain Analysis
Figure 16: Global: Biomass Gasification Industry: Porter's Five Forces Analysis
Figure 17: North America: Biomass Electricity Production (in TWh), 2009, 2016 & 2022
Figure 18: Europe: Biomass Electricity Production (in TWh), 2009, 2016 & 2022
Figure 19: Asia Pacific: Biomass Electricity Production (in TWh), 2009, 2016 & 2022
Figure 20: Latin America: Biomass Electricity Production (in TWh), 2009, 2016 & 2022
Figure 21: Middle East and Africa: Electricity Production (in TWh), 2009, 2016 & 2022
Figure 22: Global Biomass Electricity Production: Solid Biomass (in TWh), 2009, 2016 & 2022
Figure 23: Global Biomass Electricity Production: Biogas (in TWh), 2009, 2016 & 2022
Figure 24: Global Biomass Electricity Production: Municipal Waste (in TWh), 2009, 2016 & 2022
Figure 25: Global Biomass Electricity Production: Liquid Biomass (in TWh), 2009, 2016 & 2022
Figure 26: Biomass Gasification Plant: Detailed Process Flow
Figure 27: Biomass Gasification Process: Conversion Rate of Products
Figure 28: Biomass Gasification Plant: Breakup of Capital Costs (in %)
Figure 29: Biomass Gasification: Profit Margins at Various Levels of the Supply Chain
Figure 30: Biomass Gasification Plant: Manufacturing Cost Breakup (in %)
List of Tables
Table 1: Global: Power Generation Market: Key Industry Highlights, 2016 and 2022
Table 2: Global: Power Generation Forecast: Production Breakup by Region, 2017 - 2022
Table 3: Global: Power Generation Market Forecast: Production Breakup by Source, 2017 - 2022
Table 4: Global: Biomass Gasification Market: Key Industry Highlights, 2016 and 2022
Table 5: Global: Biomass Electricity Production Forecast: Breakup by Region, 2017 - 2022
Table 6: Global: Biomass Electricity Production Forecast: Breakup by Source, 2017 - 2022
Table 7: Biomass Gasification Plant: Costs Related to Land and Site Development (in US$)
Table 8: Biomass Gasification Plant: Costs Related to Civil Works (in US$)
Table 9: Biomass Gasification Plant: Costs Related to Gasification Unit Machinery (in US$)
Table 10: Biomass Gasification Plant: Costs Related to Generator Unit Machinery (in US$)
Table 11: Biomass Gasification Plant: Summary of Machinery Costs (in US$)
Table 12: Biomass Gasification Plant: Raw Material Requirements
Table 13: Biomass Gasification Plant: Costs Related to Salaries and Wages (in US$)
Table 14: Biomass Gasification Plant: Costs Related to Other Capital Investments (in US$)
Table 15: Details of Financial Assistance Offered by Financial Institutions
Table 16: Biomass Gasification Plant: Capital Costs (in US$)
Table 17: Biomass Gasification Plant: Techno-Economic Parameters
Table 18: Biomass Gasification Plant: Taxation and Depreciation
Table 19: Biomass Gasification Plant: Income Projections (in US$)
Table 20: Biomass Gasification Plant: Expenditure Projections (in US$)
Table 21: Biomass Gasification Plant: Cash Flow Analysis Without Considering the Income Tax Liability
Table 22: Biomass Gasification Plant: Cash Flow Analysis on Considering the Income Tax Liability
Table 23: Biomass Gasification Plant: Profit and Loss Account

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