

ASIA-PACIFIC GAS ENGINES MARKET FORECAST 2017-2025

<https://marketpublishers.com/r/A33B37ED98EEN.html>

Date: August 2017

Pages: 90

Price: US\$ 1,250.00 (Single User License)

ID: A33B37ED98EEN

Abstracts

KEY FINDINGS

The Asia-Pacific gas engine market was calculated to be worth \$672 million in 2016 and is expected to reach \$1758 million by the end of the forecast period of 2017-2025, growing at a CAGR of 11.33%. Thus, it is safe to say that the market has the potential to show the fastest growth rate over the forecast period.

MARKET INSIGHTS

The declining cost of natural gas, rising electricity demand, and the increased utilization of natural gas throughout the region are the key drivers for the Asia-Pacific region. The gas engine market segmentation is done on the basis of the following criteria:

Application (power generation, co-generation, etc). The power generation dominates the application segment by accounting for more than 59% of the market share.

Power (0.5 MW-1.0 MW, 1.0 MW-2.0 MW, 2.0 MW-5.0 MW, 5.0 MW-10.0 MW, 10.0 MW-20.0 MW)

Fuel type (natural gas, special gas, etc).

End-users (oil & gas, manufacturing, utilities)

At present, China is dominating the Asia-Pacific market scene and the Indian market is

considered to be the fastest growing market for the region.

COMPETITIVE INSIGHTS

Mitsubishi Heavy Industries Ltd, Hyundai Heavy Industries Co, Yanmar Co., Ltd, Rolls-Royce Holdings Plc, China Yuchai International Limited., Man Se, Ihi Corporation, General Electric Company, etc are some of the major companies in the Asia-Pacific gas engine market.

Contents

1. RESEARCH SCOPE

- 1.1. STUDY GOALS
- 1.2. SCOPE OF THE MARKET STUDY
- 1.3. WHO WILL FIND THIS REPORT USEFUL?
- 1.4. STUDY AND FORECASTING YEARS

2. RESEARCH METHODOLOGY

- 2.1. SOURCES OF DATA
 - 2.1.1. SECONDARY DATA
 - 2.1.2. PRIMARY DATA
- 2.2. TOP DOWN APPROACH
- 2.3. BOTTOM UP APPROACH
- 2.4. DATA TRIANGULATION
- 2.5. ESTIMATION METHODOLOGY

3. EXECUTIVE SUMMARY

- 3.1. MARKET SUMMARY
- 3.2. KEY FINDINGS
 - 3.2.1. CHINA BEING THE MARKET-LEADER DOMINATES THE ASIA PACIFIC GAS ENGINE MARKET
 - 3.2.2. INDIA IS THE FASTEST GROWING COUNTRY
 - 3.2.3. POWER GENERATION ACCOUNTING TO MORE THAN 59% MARKET SHARE OF GAS ENGINES MARKET BY APPLICATION

4. MARKET OVERVIEW

- 4.1. MARKET DEFINITION
- 4.2. DRIVERS
 - 4.2.1. UNRELENTING DROP IN GAS PRICES LEADING TO INCREASE IN THE DEMAND FOR GAS ENGINES
 - 4.2.2. INCREASING USE OF NATURAL GAS IN THE POWER INDUSTRY
 - 4.2.3. INCREASING ENVIRONMENTAL CONCERNS
 - 4.2.4. TECHNOLOGICAL ADVANCEMENTS LEADING TO EFFICIENT POWER GENERATION

4.2.5. MARINE APPLICATION FUELING DEMAND FOR GAS ENGINES

4.3. RESTRAINTS

4.3.1. IRREGULARITIES IN NATURAL GAS RESERVES AND SUPPLIES DUE TO REGIONAL INSTABILITY

4.3.2. SECURITY AND INFRASTRUCTURE CONCERNS

4.3.3. LARGE PRICE DIFFERENCE BETWEEN ALTERNATIVE FUELS

4.4. OPPORTUNITIES

4.4.1. GROWING TREND OF DISTRIBUTED POWER GENERATION

4.4.2. SHIFTING TOWARDS GAS-FIRED POWER PLANTS

4.5. CHALLENGES

4.5.1. DEPLETING NATURAL GAS RESERVES

4.5.2. MACRO ECONOMIC FACTORS

4.5.3. STRICT REGULATIONS

5. ASIA PACIFIC GAS ENGINE MARKET BY FUEL TYPE 2017-2025 (\$ MILLION)

5.1. NATURAL GAS

5.2. SPECIAL GAS

5.3. OTHER GAS

6. ASIA PACIFIC GAS ENGINE MARKET BY APPLICATION 2017-2025 (\$ MILLION)

6.1. POWER GENERATION

6.2. CO-GENERATION

6.3. OTHER APPLICATIONS

7. ASIA PACIFIC GAS ENGINES MARKET BY END-USER 2017-2025 (\$ MILLION)

7.1. UTILITIES

7.2. MANUFACTURING

7.3. OIL AND GAS

7.4. OTHER END USERS

8. ASIA PACIFIC GAS ENGINES MARKET BY POWER 2017-2025 (\$ MILLION)

8.1. 0.5 MW-1.0 MW

8.2. 1.0 MW-2.0 MW

8.3. 2.0 MW- 5.0 MW

8.4. 5.0 MW-10.0 MW

8.5. 10.0 MW-20.0 MW

9. KEY ANALYTICS

9.1. PORTERS 5 FORCE ANALYSIS

- 9.1.1. THREAT OF NEW ENTRANTS
- 9.1.2. THREAT OF SUBSTITUTE PRODUCTS
- 9.1.3. BARGAINING POWER OF BUYERS
- 9.1.4. BARGAINING POWER OF SUPPLIERS
- 9.1.5. INTENSITY OF COMPETITIVE RIVALRY

9.2. KEY BUYING CRITERIA

- 9.2.1. COST
- 9.2.2. EFFICIENCY
- 9.2.3. EMISSION
- 9.2.4. MAINTENANCE
- 9.2.5. FLEXIBILITY

9.3. VENDOR LANDSCAPE

9.4. OPPORTUNITY MATRIX

10. ASIA PACIFIC GAS ENGINES MARKET BY COUNTRIES 2017-2025 (\$ MILLION)

10.1. INDIA

10.2. CHINA

10.3. JAPAN

10.4. ROAPAC

11. COMPETITIVE LANDSCAPE

11.1. MARKET SHARE ANALYSIS

11.2. LIST OF TOP WINNING STRATEGIES

11.3. COMPANY PROFILES

- 11.3.1. CATERPILLAR INC.
- 11.3.2. CUMMINS INC.
- 11.3.3. DEUTZ AKTIENGESELLSCHAFT
- 11.3.4. DOOSAN INFRACORE CO., LTD.
- 11.3.5. FAIRBANKS MORSE ENGINE
- 11.3.6. GENERAL ELECTRIC COMPANY
- 11.3.7. HYUNDAI HEAVY INDUSTRIES CO., LTD.
- 11.3.8. KAWASAKI HEAVY INDUSTRIES, LTD.

- 11.3.9. MAN SE
- 11.3.10. IHI CORPORATION
- 11.3.11. MITSUBISHI HEAVY INDUSTRIES, LTD.
- 11.3.12. ROLLS-ROYCE HOLDINGS PLC
- 11.3.13. WÄRTSILÄ CORPORATION
- 11.3.14. 3W INTERNATIONAL GMBH
- 11.3.15. YANMAR CO., LTD.
- 11.3.16. CLARKE ENERGY
- 11.3.17. CHINA YUCHAI INTERNATIONAL LIMITED

List Of Tables

LIST OF TABLES

TABLE 1 ASIA PACIFIC GAS ENGINES MARKET BY COUNTRIES 2017-2025 (\$ MILLION)

TABLE 2 NATURAL GAS PRICES (DOLLARS PER THOUSAND CUBIC FEET)

TABLE 3 COMPARISON OF CARBON DIOXIDE EMISSION LEVELS FOR DIFFERENT FUELS FOR 2012 AND 2014 (MILLION METRIC TONS)

TABLE 4 DISTRIBUTED POWER GROWTH ACCORDING TO 2000, 2012 AND 2020

TABLE 5 ASIA PACIFIC GAS ENGINE MARKET BY FUEL TYPE 2017-2025 (\$ MILLION)

TABLE 6 ASIA PACIFIC GAS ENGINE MARKET BY APPLICATION 2017-2025 (\$ MILLION)

TABLE 7 ASIA PACIFIC GAS ENGINES MARKET BY END-USER 2017-2025 (\$ MILLION)

TABLE 8 ASIA PACIFIC GAS ENGINES MARKET BY POWER 2017-2025 (\$ MILLION)

TABLE 9 ASIA PACIFIC GAS ENGINES MARKET ACROSS COUNTRIES 2017-2025 (\$ MILLION)

List Of Figures

LIST OF FIGURES

FIGURE 1 ASIA PACIFIC GAS ENGINES MARKET BY END USERS 2017-2025 (\$ MILLION)

FIGURE 2 POWER GENERATION TECHNOLOGY SOURCES OF 2015

FIGURE 3 ASIA PACIFIC GAS ENGINE MARKET IN NATURAL GAS 2017-2025 (\$ MILLION)

FIGURE 4 ASIA PACIFIC GAS ENGINE MARKET IN SPECIAL GAS 2017-2025 (\$ MILLION)

FIGURE 5 ASIA PACIFIC GAS ENGINE MARKET IN OTHER GAS 2017-2025 (\$ MILLION)

FIGURE 6 ASIA PACIFIC GAS ENGINES MARKET IN POWER GENERATION 2017-2025 (\$ MILLION)

FIGURE 7 ASIA PACIFIC GAS ENGINES MARKET IN CO-GENERATION 2017-2025 (\$ MILLION)

FIGURE 8 ASIA PACIFIC GAS ENGINES MARKET IN OTHER APPLICATIONS 2017-2025 (\$ MILLION)

FIGURE 9 ASIA PACIFIC GAS ENGINES MARKET IN UTILITIES 2017-2025 (\$ MILLION)

FIGURE 10 ASIA PACIFIC GAS ENGINES MARKET IN MANUFACTURING 2017-2025 (\$ MILLION)

FIGURE 11 ASIA PACIFIC GAS ENGINES MARKET IN OIL AND GAS 2017-2025 (\$ MILLION)

FIGURE 12 ASIA PACIFIC GAS ENGINES MARKET IN OTHER END USERS 2017-2025 (\$ MILLION)

FIGURE 13 ASIA PACIFIC GAS ENGINES MARKET IN 0.5 MW-1.0 MW 2017-2025 (\$ MILLION)

FIGURE 14 ASIA PACIFIC GAS ENGINES MARKET IN 1.0 MW-2.0 MW 2017-2025 (\$ MILLION)

FIGURE 15 ASIA PACIFIC GAS ENGINES MARKET IN 2.0 MW- 5.0 MW 2017-2025 (\$ MILLION)

FIGURE 16 ASIA PACIFIC GAS ENGINES MARKET IN 5.0 MW-10.0 MW 2017-2025 (\$ MILLION)

FIGURE 17 ASIA PACIFIC GAS ENGINES MARKET IN 10.0 MW-20.0 MW 2017-2025 (\$ MILLION)

FIGURE 18 ASIA PACIFIC NATURAL GAS PRODUCTION ACROSS COUNTRIES 2014-2015 (BILLION CUBIC METERS)

FIGURE 19 ELECTRICITY CONSUMPTION IN ASIA PACIFIC REGION BY COUNTRIES 2015 (TWH)

FIGURE 20 INDIA NATURAL GAS PRODUCTION 2005-2016 (BILLION CUBIC METERS)

FIGURE 21 INDIA GAS ENGINES MARKET 2017-2025 (\$ MILLION)

FIGURE 22 CHINA ELECTRICITY DOMESTIC CONSUMPTION (TWH)

FIGURE 23 CHINA GAS ENGINES MARKET 2017-2025 (\$ MILLION)

FIGURE 24 JAPAN GAS ENGINES MARKET 2017-2025 (\$ MILLION)

FIGURE 25 ROAPAC GAS ENGINES MARKET 2017-2025 (\$ MILLION)

FIGURE 26 MARKET SHARE ANALYSIS OF KEY PLAYERS 2016 (%)

I would like to order

Product name: ASIA-PACIFIC GAS ENGINES MARKET FORECAST 2017-2025

Product link: <https://marketpublishers.com/r/A33B37ED98EEN.html>

Price: US\$ 1,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A33B37ED98EEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970