Traction Transformer Market in APAC 2015-2019

Description:

About traction transformers

One of the most vital components of a rolling stock is a traction transformer. It forms the most integral part of an electric traction system and helps in the smooth movement of motors such as locomotives, high-speed trains, and trams. For over a century now, these transformers have been used for traction in railways. It is considered to be the best alternative to conventional fossil-fuel based traction systems. It comes with various mounting options such as:

- On-board
- Undercarriage
- Rooftop

The traction systems can be broadly segmented into:

- AC systems
- DC systems

Typical system setups are:

- 25 kV AC 50 Hz
- 15 kV AC 16 2/3 Hz
- 3 kV DC
- 1.5 kV DC
- 1.2 kV DC

These traction systems may have a combination of stationary transformers, auto transformers, and booster transformers. Traction transformers are used to bring down the voltage of the overhead electric line from 15/25 kV to the desired voltage of 0.7/1.5 kV. Traction transformers are mainly used in high-speed trains, EMUs, electric locomotives, and trams. Traction transformers can be customized as per the end-users’ requirements.

The analysts forecast the traction transformer market in APAC to grow at a CAGR of 8.08 percent over the period 2015-2019.

Covered in this report

This report covers the present scenario and the growth prospects of the traction transformer market in APAC during the period 2015–2019. For ascertaining the market size and vendor share, the report considers the revenue obtained from the sales of traction transformers.

The report, Traction Transformer Market in APAC 2015-2019, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the traction transformer market landscape in APAC and its growth prospects in the coming years. The report also includes a discussion of the key vendors operating in this market.

Key vendors

- ABB
- Alstom
- Siemens

Other prominent vendors

- AnsaldoBreda
- BHEL
- Crompton Greaves
- Electren
- Hitachi Plant Technologies
- Hyundai Rotem
- JST Transformateurs
- Koncar
- Mitsubishi Electric
- Schneider Electric
- Setrans Holding
- Skoda Holding

Market drivers
- Extensive railway network in APAC
- For a full, detailed list, view our report

Market challenges
- Threat from local vendors
- For a full, detailed list, view our report

Market trends
- Technological advancements
- For a full, detailed list, view our report

Key questions answered in this report
- What will the market size be in 2019 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:
1 Executive Summary
2 List of Abbreviations
3 Scope of the Report
3.1 Market overview
3.2 Product offerings
4 Market Research Methodology
4.1 Market research process
4.2 Research methodology
5 Introduction
6 Market Landscape
6.1 Market overview
6.2 Market size and forecast
06.2.1 Market size and forecast
6.3 Five forces analysis
06.3.1 Bargaining power of suppliers
06.3.2 Bargaining power of buyers
06.3.3 Threat of new entrants
06.3.4 Threat of substitutes
06.3.5 Threat of rivalry
7 Market Segmentation by Product
7.1 Tapped traction transformer market in APAC
07.1.1 Market size and forecast
7.2 Tap-changing traction transformer market in APAC
07.2.1 Market size and forecast
7.3 Rectifier traction transformer market in APAC
07.3.1 Market size and forecast
8 Key Leading Countries
8.1 China
08.1.1 Market size and forecast
8.2 India
08.2.1 Market size and forecast
8.3 Japan
08.3.1 Market size and forecast
9 Buying Criteria
10 Market Growth Drivers
11 Drivers and their Impact
12 Market Challenges
13 Impact of Drivers and Challenges
14 Market Trends
15 Trends and their Impact
16 Vendor Landscape
16.1 Competitive scenario
16.2 Other prominent vendors
17 Key Vendor Analysis
17.1 ABB
17.1.1 Key facts
17.1.2 Business overview
17.1.3 Business segmentation by revenue 2013
17.1.4 Business segmentation by revenue 2011-2013
17.1.5 Geographical segmentation by revenue 2013
17.1.6 Business strategy
17.1.7 Key developments
17.1.8 SWOT analysis
17.2 Alstom
17.2.1 Key facts
17.2.2 Business overview
17.2.3 Business segmentation by revenue 2014
17.2.4 Business segmentation by revenue 2013 and 2014
17.2.5 Geographical segmentation by revenue 2014
17.2.6 Business strategy
17.2.7 Recent developments
17.2.8 SWOT analysis
17.3 Siemens
17.3.1 Key facts
17.3.2 Business description
17.3.3 Business segmentation
17.3.4 Revenue by business segmentation
17.3.5 Revenue comparison by business segmentation 2012 and 2013
17.3.6 Sales by geography
17.3.7 Business strategy
17.3.8 Recent developments
17.3.9 SWOT analysis
18 Other Reports in this Series

List Of Exhibits
Exhibit 1: Market research methodology
Exhibit 2: Traction transformers: market overview
Exhibit 3: Traction transformer market in APAC 2014-2019 ($ million)
Exhibit 4: Bargaining power of suppliers
Exhibit 5: Bargaining power of buyers
Exhibit 6: Threat of new entrants
Exhibit 7: Threat of substitutes
Exhibit 8: Threat of rivalry
Exhibit 9: Traction transformers: product segmentation
Exhibit 10: Tapped traction transformer market in APAC 2014-2019 ($ million)
Exhibit 11: Tap-changing traction transformer market in APAC 2014-2019 ($ million)
Exhibit 12: Rectifier traction transformer market in APAC 2014-2019 ($ million)
Exhibit 13: Comparison of CAGRs for various types of traction transformers (2014-2019)
Exhibit 14: Traction transformer market in China 2014-2019 ($ million)
Exhibit 15: Traction transformer market in India 2014-2019 ($ million)
Exhibit 16: Traction transformer market in Japan 2014-2019 ($ million)
Exhibit 17: Urban population in India (million)
Exhibit 18: ABB: Business Segmentation by revenue 2013
Exhibit 19: ABB: Business Segmentation by revenue 2011-2013 ($ billion)
Exhibit 20: ABB: Geographical segmentation by revenue 2013
Exhibit 21: Alstom: Business segmentation by revenue 2014
Exhibit 22: Alstom: Business segmentation by revenue 2013 and 2014 ($ billion)
Exhibit 23: Alstom: Geographical segmentation by revenue 2014
Exhibit 24: Siemens: Business segmentation 2013
Exhibit 25: Siemens: Revenue by business segmentation 2013
Exhibit 26: Siemens: Revenue by business segmentation 2012 and 2013 ($ billion)
Exhibit 27: Siemens: Revenue by geographical segmentation 2013

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