

# Electrostatic Precipitator Market Size study, by Type (Dry, and Wet), By End-Use (Power Generation, Metals, Cement and Chemicals and Others) and Regional Forecasts 2019-2026

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# **Abstracts**

Electrostatic Precipitator Market is valued approximately USD 5.8 billion in 2018 and is anticipated to grow with a healthy growth rate of more than 3.97% over the forecast period 2019-2026. The electrostatic precipitator uses the electrostatic force to remove the fine particulate matter from the exhaust gases. The electrostatic precipitator finds its applications in various industry verticals such as power plants, cement, power & electricity along with many other industries. The growing adoption of electrostatic precipitator in heavy industries such as steel mills and cement plants owing to the ability of the electrostatic precipitator to remove particulate matter from gases at high temperature tends to drive the market share. The significant rise in air pollution due the rapid industrialization and urbanization has led to the increased demand for electrostatic precipitators. Moreover, the rising environmental concerns among global population has led to the increase in health issues, thus, has led to the rising demand for the enhanced air pollution control systems along with better air guality. For instance, according to the report published by WHO in 2018, the air pollution accounts for approximate 4.2 million deaths per year due to the poor air quality which causes diseases such as stroke, heart diseases, lung cancer and chronic respiratory diseases. Further, it is estimated that around 91 percent of the global population lives in the area where air quality levels exceed WHO limit. The stringent government regulations to filter out the exhaust gases along with the increasing demand from coal-based power plants has accentuated the market share of electrostatic precipitator. Further, the rising health awareness among the global population towards the various lungs related-related diseases which is caused by air pollutions has surged the demand for the market.



The regional analysis of Electrostatic Precipitator market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. Asia Pacific region is expected to register significant growth over the forecast period owing to the rising air pollution in the region along with increased demand for better air quality in the region. For instance, approximately 140 million Indian population is living in the area where the air pollution is approximately 10 times more than the WHO safe limit. Further, 13 out of world's 20 cities with the highest annual levels of air pollution are in India. Several on-going and rising construction activities along with the increasing demand for power generation in emerging economies has fostered the demand for electrostatic precipitator in the region. Various organizations are adopting the strategy of merger and acquisition to expand the product portfolio and to extend geographical outreach. For instance, In May 2017, Bionomic Industries, Inc., manufacturer of proven air pollution abatement, product and heat recovery technologies, has launched HEI wet electrostatic precipitator system. The HEI wet electrostatic precipitator system uses a discharge electrode technology which can be sized to specific applications.



# Contents

#### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2017-2026 (USD Billion)
- 1.2.1. Electrostatic Precipitator Market, by Region, 2017-2026 (USD Billion)
- 1.2.2. Electrostatic Precipitator Market, by Type, 2017-2026 (USD Billion)
- 1.2.3. Electrostatic Precipitator Market, by End-Use, 2017-2026 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

# CHAPTER 2. ELECTROSTATIC PRECIPITATOR MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

# **CHAPTER 3. ELECTROSTATIC PRECIPITATOR MARKET DYNAMICS**

- 3.1. Electrostatic Precipitator Market Impact Analysis (2018-2026)
  - 3.1.1. Market Drivers
  - 3.1.2. Market Challenges
  - 3.1.3. Market Opportunities

# **CHAPTER 4. ELECTROSTATIC PRECIPITATOR MARKET INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
  - 4.1.6. Futuristic Approach to Porter's 5 Force Model (2016-2026)

Electrostatic Precipitator Market Size study, by Type (Dry, and Wet), By End-Use (Power Generation, Metals, Ce...



#### 4.2. PEST Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

# CHAPTER 5. ELECTROSTATIC PRECIPITATOR MARKET, BY TYPE

- 5.1. Market Snapshot
- 5.2. Electrostatic Precipitator Market by Type, Performance Potential Analysis
- 5.3. Electrostatic Precipitator Market Estimates & Forecasts by Type 2016-2026 (USD Billion)
- 5.4. Electrostatic Precipitator Market, Sub Segment Analysis
- 5.4.1. Dry
- 5.4.2. Wet

# CHAPTER 6. ELECTROSTATIC PRECIPITATOR MARKET, BY END-USE

- 6.1. Market Snapshot
- 6.2. Electrostatic Precipitator Market by End-Use, Performance Potential Analysis

6.3. Electrostatic Precipitator Market Estimates & Forecasts by End-Use 2016-2026 (USD Billion)

- 6.4. Electrostatic Precipitator Market, Sub Segment Analysis
  - 6.4.1. Power & Electricity
  - 6.4.2. Metals
  - 6.4.3. Cement
  - 6.4.4. Chemicals

# CHAPTER 7. ELECTROSTATIC PRECIPITATOR MARKET, REGIONAL ANALYSIS

- 7.1. Electrostatic Precipitator Market, Regional Market Snapshot
- 7.2. North America Electrostatic Precipitator Market
  - 7.2.1. U.S. Electrostatic Precipitator Market
  - 7.2.1.1. Type breakdown estimates & forecasts, 2016-2026
  - 7.2.1.2. End-Use breakdown estimates & forecasts, 2016-2026
  - 7.2.2. Canada Electrostatic Precipitator Market
- 7.3. Europe Electrostatic Precipitator Market Snapshot



- 7.3.1. U.K. Electrostatic Precipitator Market
- 7.3.2. Rest of Europe Electrostatic Precipitator Market
- 7.4. Asia-Pacific Electrostatic Precipitator Market Snapshot
  - 7.4.1. China Electrostatic Precipitator Market
  - 7.4.2. India Electrostatic Precipitator Market
  - 7.4.3. Japan Electrostatic Precipitator Market
- 7.4.4. Rest of Asia Pacific Electrostatic Precipitator Market
- 7.5. Latin America Electrostatic Precipitator Market Snapshot
  - 7.5.1. Brazil Electrostatic Precipitator Market
  - 7.5.2. Mexico Electrostatic Precipitator Market
- 7.6. Rest of The World Electrostatic Precipitator Market

# **CHAPTER 8. COMPETITIVE INTELLIGENCE**

- 8.1. Top Market Strategies
- 8.2. Company Profiles
  - 8.2.1. Babcock & Wilcox Enterprises, Inc.
    - 8.2.1.1. Key Information
    - 8.2.1.2. Overview
    - 8.2.1.3. Financial (Subject to Data Availability)
    - 8.2.1.4. Touch Point Summary
  - 8.2.1.5. Recent Developments
  - 8.2.2. Beltran Technologies Inc.
  - 8.2.3. Bionomic Industries, Inc.
  - 8.2.4. ELEX AG
  - 8.2.5. Feida Group Company Limited
  - 8.2.6. General Electric Co.
  - 8.2.7. Mitsubishi Hitachi Power Systems, Ltd.
  - 8.2.8. Siemens AG
  - 8.2.9. Southern Erectors, Inc.
  - 8.2.10. Thermax Limited.
  - 8.2.11. Wood Group

# CHAPTER 9. RESEARCH PROCESS

- 9.1. Research Process
  - 9.1.1. Data Mining
  - 9.1.2. Analysis
  - 9.1.3. Market Estimation



- 9.1.4. Validation
- 9.1.5. Publishing
- 9.2. Research Attributes
- 9.3. Research Assumption



# **List Of Tables**

# LIST OF TABLES

TABLE 1. LIST OF SECONDARY SOURCES, USED IN THE STUDY OF ELECTROSTATIC PRECIPITATOR MARKET TABLE 2. LIST OF PRIMARY SOURCES, USED IN THE STUDY OF ELECTROSTATIC PRECIPITATOR MARKET TABLE 3. ELECTROSTATIC PRECIPITATOR MARKET, REPORT SCOPE TABLE 4. YEARS CONSIDERED FOR THE STUDY TABLE 5. EXCHANGE RATES CONSIDERED TABLE 6. ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY REGION 2016-2026 (USD BILLION) TABLE 7. ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY TYPE 2016-2026 (USD BILLION) TABLE 8. ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY END-USE 2016-2026 (USD BILLION) TABLE 9. ELECTROSTATIC PRECIPITATOR MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION) TABLE 10. ELECTROSTATIC PRECIPITATOR MARKET BY REGION, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION) TABLE 11. ELECTROSTATIC PRECIPITATOR MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION) TABLE 12. ELECTROSTATIC PRECIPITATOR MARKET BY REGION. ESTIMATES & FORECASTS, 2016-2026 (USD BILLION) TABLE 13. ELECTROSTATIC PRECIPITATOR MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION) TABLE 14. ELECTROSTATIC PRECIPITATOR MARKET BY REGION, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION) TABLE 15. ELECTROSTATIC PRECIPITATOR MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION) TABLE 16. ELECTROSTATIC PRECIPITATOR MARKET BY REGION, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION) TABLE 17. ELECTROSTATIC PRECIPITATOR MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION) TABLE 18. ELECTROSTATIC PRECIPITATOR MARKET BY REGION, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION) TABLE 19. U.S. ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)



TABLE 20. U.S. ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION) TABLE 21. U.S. ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION) TABLE 22. CANADA ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION) TABLE 23. CANADA ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION) TABLE 24. CANADA ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION) TABLE 25. UK ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION) TABLE 26. UK ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION) TABLE 27. UK ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION) TABLE 28. GERMANY ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION) TABLE 29. GERMANY ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION) TABLE 30. GERMANY ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION) TABLE 31. ROE ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION) TABLE 32. ROE ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION) TABLE 33. ROE ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION) TABLE 34. CHINA ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION) TABLE 35. CHINA ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION) TABLE 36. CHINA ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION) TABLE 37. INDIA ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION) TABLE 38. INDIA ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION) TABLE 39. INDIA ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES &



FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 40. JAPAN ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 41. JAPAN ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 42. JAPAN ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 43. ROAPAC ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 44. ROAPAC ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 45. ROAPAC ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 46. BRAZIL ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 47. BRAZIL ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 48. BRAZIL ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 49. MEXICO ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 50. MEXICO ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 51. MEXICO ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 52. ROLA ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 53. ROLA ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 54. ROLA ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 55. ROW ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 56. ROW ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 57. ROW ELECTROSTATIC PRECIPITATOR MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)





# **List Of Figures**

### LIST OF FIGURES

FIG 1. ELECTROSTATIC PRECIPITATOR MARKET, RESEARCH METHODOLOGY FIG 2. ELECTROSTATIC PRECIPITATOR MARKET, MARKET ESTIMATION **TECHNIQUES** FIG 3. GLOBAL MARKET SIZE ESTIMATES & FORECAST METHODS FIG 4. ELECTROSTATIC PRECIPITATOR MARKET, KEY TRENDS 2018 FIG 5. ELECTROSTATIC PRECIPITATOR MARKET, GROWTH PROSPECTS 2019-2026 FIG 6. ELECTROSTATIC PRECIPITATOR MARKET, PORTERS 5 FORCE MODEL FIG 7. ELECTROSTATIC PRECIPITATOR MARKET, PEST ANALYSIS FIG 8. ELECTROSTATIC PRECIPITATOR MARKET, VALUE CHAIN ANALYSIS FIG 9. ELECTROSTATIC PRECIPITATOR MARKET BY SEGMENT, 2016 & 2026 (USD BILLION) FIG 10. ELECTROSTATIC PRECIPITATOR MARKET BY SEGMENT, 2016 & 2026 (USD BILLION) FIG 11. ELECTROSTATIC PRECIPITATOR MARKET BY SEGMENT, 2016 & 2026 (USD BILLION) FIG 12. ELECTROSTATIC PRECIPITATOR MARKET BY SEGMENT, 2016 & 2026 (USD BILLION) FIG 13. ELECTROSTATIC PRECIPITATOR MARKET BY SEGMENT, 2016 & 2026 (USD BILLION) FIG 14. ELECTROSTATIC PRECIPITATOR MARKET, REGIONAL SNAPSHOT 2016 & 2026 FIG 15. NORTH AMERICA ELECTROSTATIC PRECIPITATOR MARKET 2016 & 2026 (USD BILLION) FIG 16. EUROPE ELECTROSTATIC PRECIPITATOR MARKET 2016 & 2026 (USD BILLION) FIG 17. ASIA PACIFIC ELECTROSTATIC PRECIPITATOR MARKET 2016 & 2026 (USD BILLION) FIG 18. LATIN AMERICA ELECTROSTATIC PRECIPITATOR MARKET 2016 & 2026 (USD BILLION) FIG 19. ELECTROSTATIC PRECIPITATOR MARKET, COMPANY MARKET SHARE ANALYSIS (2018)

# **COMPANIES MENTIONED**





Babcock & Wilcox Enterprises, Inc. Beltran Technologies Inc. Bionomic Industries, Inc. ELEX AG Feida Group Company Limited General Electric Co. Mitsubishi Hitachi Power Systems, Ltd. Siemens AG Southern Erectors, Inc. Thermax Limited. Wood Group



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