

Electrostatic Precipitator Market Worth \$10 Billion by 2030

Global Electrostatic Precipitator Market projected to grow at a CAGR of 4.3% from 2021 to 2030

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According to a new report published by Allied Market Research, The global [electrostatic precipitator market](#) forecast was valued at \$6.6 billion in 2020, and is projected to reach \$10.0 billion by 2030, growing at a CAGR of 4.3% from 2021 to 2030.



Electrostatic precipitators are used for removing soot and ash from exhaust fumes, thus reducing the level of particulate matter within the environmental limits. This has made them an ideal solution for several end-use sectors, including oil & gas, automotive, and industrial manufacturing for reducing the particulate matter from the exhaust air.

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Increasing awareness for air quality management and rapid industrialization in both developing & developed nation are the driving factors in the Electrostatic Precipitator Market.”

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Asia-Pacific garnered the highest share of 41.3% in 2020, in terms of revenue, growing at a CAGR of 4.8%.

The key players operating in the [global electrostatic](#)

[precipitator industry](#) include Babcock & Wilcox Enterprises, Inc., DUCON, FLSmidth, General Electric, John Wood Group PLC, Mitsubishi Power, Ltd, S.A. Hamon, Siemens AG, Thermax Limited, and Trion IAQ.

The wet electrostatic precipitator product type is estimated to display the highest growth rate, in

terms of revenue, registering a CAGR of 4.8% from 2021 to 2030.

The metal end use is anticipated to register the highest CAGR of 5.1% during the forecast period.

Countries such as the U.S., China, and India are witnessing rapid growth in industrialization. The sectors such as public transportation, automobiles, and energy (power plants) are contributing a major share to the growth of the economy.

Furthermore, they find application in municipal waste incinerators for reducing the hazardous soot and ash from direct release to the atmosphere. Thus, the development of these sectors, wherein electrostatic precipitators play a major role, fuels the growth for the global electrostatic precipitator market in both developed and developing economies.

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The power generation process from renewable sources such as wind, solar, geothermal, and hydropower is an emission-free process. Furthermore, many power plants are becoming linear toward using renewable sources for energy production, owing to volatility in crude oil prices, geopolitical issues, and high investment risks.

However, emergence of renewable energy sources is predicted to hamper the [electrostatic precipitator market growth](#). For instance, according to a report published by India Brands Equity Foundation, the Ministry of New and Renewable Energy (MNRE) has set a target to increase the renewable energy capacity up to 227 gigawatt (GW) by 2022.

The global electricity demand is increasing rapidly, which, in turn, has led the power generation sectors to maximize their power generation capacities. For instance, according to a report published by the Indian Ministry of Power, the electricity generation target from conventional sources for the year 2021-2022 is 1,356 billion unit (BU), which is a growth of around 9.83% as compared to 2020-2021.

Rise in investments in the power sector in the countries such as India and Australia is expected to increase the sales of electrostatic precipitators in power generation sector for reducing the level of particulate matter within acceptable limits.

COVID-19 analysis

The novel coronavirus is an incomparable global pandemic that has spread to over 180 countries and caused huge losses of lives and the economy around the globe. The electrostatic precipitator market has been negatively impacted due to the wake of the COVID-19 pandemic, owing to its dependence on the oil & gas, chemicals, cement manufacturing, and power

sectors.

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In addition, more than 100 countries have locked their international borders for transportation and nonessential trade activities, which, in turn, have hampered the demand-supply chain of the electrostatic precipitators market.

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<https://www.globenewswire.com/news-release/2021/10/25/2319883/0/en/Global-Electrostatic-Precipitator-Market-Is-Expected-to-Reach-10-0-Billion-by-2030-Says-AMR.html>

Solid Electrolyte Market

<https://www.globenewswire.com/news-release/2021/10/04/2308027/0/en/Global-Solid-Electrolyte-Market-To-Garner-56-6-Million-by-2030-Allied-Market-Research.html>

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<https://www.globenewswire.com/news-release/2022/09/30/2526117/0/en/Electronic-Load-Devices-Market-Is-Expected-to-Generate-5-2-Billion-by-2031-Allied-Market-Research.html>

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