

# DERMS Market by Offerings (Software, Services), Application (Solar PV Systems, Wind Energy Systems, Energy Storage, Combined Heat & Power Systems, EV Charging Solutions), End-User (Residential, Commercial, Industrial) & Region - Global Forecast to 2029

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# **Abstracts**

The Distributed energy resource management systems (DERMS) market is expected to grow from an estimated in USD 0.61 billion in 2024 to USD 1.44 billion by 2029, at a CAGR of 18.8% during the forecast period. More use of renewable sources, such as solar and wind power, and decentralized energy systems and grid upgrading, has fostered rapid growth in the business for DERMS. Key drivers include government clean energy programs, development of smart grid technologies, and concerns about enhancing system stability and energy efficiency. Market opportunities include expanded use of DERMS applications in emerging markets, integration with AI and IoT to leverage predictive analytics, and increased focus on virtual power plants and microgrids. DERMS solutions are critical for maximizing distribution, lowering costs, and ensuring sustainability as energy systems become increasingly complex.

"Services market by offerings, is expected to be the largest segment from 2024 to 2029."

The services sector tops the DERMS market because it provides critical functions towards successful deployment, operation, and maintenance of distributed energy resource management systems. Consulting, system integration, training, and continuous support with services help in DERMS deployment optimization across different kinds of energy settings. Tailor-made solutions for end-users are possible by



ensuring seamless integration with existing energy infrastructure. In addition, a more complex solution also requires more advanced DERMS solutions. Therefore, services demand grows further, by which the service segment dominates the market.

"Industrial, by end-user, is expected to be the fastest-growing market from 2024 to 2029"

Industrial end-user is the fastest-growing sector in the DERMS market because of the high energy consumption level and the need for efficient management solutions in the sector. Manufacturing, Mining, Logistics, are a few sectors where it is increasingly adopted for the optimization of energy consumption, integration of renewable sources, and reduction in operational costs. Increasing Pressure for Sustainability and Compliance adds to the cause of adoption of DERMS in industrial sectors. Further, industries will benefit from DERMS, as it ensures grid reliability, minimizes downtime, and provides real-time energy insights, all of which make it imperative for any business to invest in advanced energy management solutions.

"North America is estimated to hold the largest market & Asia Pacific having highest CAGR for the forecasted period in DERMS market."

The DERMS market is dominated by North America due to its advanced energy infrastructure, early adoption of renewable energy technologies, and strong regulatory support for grid modernization. The region's focus on sustainability, combined with significant investments in smart grids and distributed energy solutions, drives market growth. The Asia-Pacific is the fastest-growing market due to rapid industrialization and rising energy demand and an increased adoption of renewable energy sources like solar and wind. Government initiatives, subsidies, and progress in smart grid technologies further drive the growth of DERMS in emerging economies such as China, India, and Southeast Asian nations.

In-depth interviews have been conducted with chief executive officers (CEOs), Directors, and other executives from various key organizations operating in the DERMS market.

By Company Type: Tier 1- 35%, Tier 2- 40%, and Tier 3- 25%

By Designation: C-level Executives - 30%, Director Level- 25%, and Others- 45%

By Region: North America – 25%, Europe – 20%, Asia Pacific – 35%, Latin America:

DERMS Market by Offerings (Software, Services), Application (Solar PV Systems, Wind Energy Systems, Energy Sto...



10%, Middle East & Africa: 10%

Note: Other designations include sales managers, marketing managers, product managers, and product engineers.

The tier of the companies is defined based on their total revenue as of 2023. Tier 1: USD 1 billion and above, Tier 2: From USD 500 million to USD 1 billion, and Tier 3:



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