

Mexico Floating Solar Farms Market Size, Share, Trends and Forecast by Location, Capacity, Size, Connectivity, Application, and Region, 2026-2034

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Abstracts

The Mexico floating solar farms market size reached USD 3.1 Million in 2025. Looking forward, IMARC Group expects the market to reach USD 19.0 Million by 2034, exhibiting a growth rate (CAGR) of 21.78% during 2026-2034. The market is driven by strong government support, regulatory incentives, and a national push to diversify the energy mix. Floating photovoltaic (PV) systems are increasingly favored in areas where land constraints limit traditional solar deployment. Their ability to localize energy generation also helps alleviate grid congestion and reduce transmission losses. Coupled with hybrid integration potential and distributed generation advantages, these systems are positioned as strategic assets within renewable transition and grid modernization efforts. These factors are contributing to a steady rise in Mexico floating solar farms market share, as both public and private stakeholders recognize their value in meeting energy and sustainability targets.

MEXICO FLOATING SOLAR FARMS MARKET TRENDS:

Government Incentives and Energy Diversification Goals

Mexico's dedication to rising renewable energy sources is increasing interest in alternative solar formats, such as floating solar farms, that are becoming more significant due to structural reforms and long-term decarbonization objectives. Governing agencies are proactively transforming the nation's electricity sector by establishing policy backing and monetary incentives to promote investments in clean energy technologies from both local and international sources. Floating PV systems are seen as effective alternatives in areas where land-based solar development is limited by urbanization, agriculture, or conservation areas. The regulatory landscape is highly

advantageous, as tools like energy auctions and clean energy certificates bolster demand from utilities and major energy users driven by sustainability requirements. A significant advancement highlighting this policy approach is the National Strategy for the Electricity Sector 2024–2030, wherein governing agencies had pledged US\$23 billion to enhance the state-owned Federal Electricity Commission (CFE). This strategy was based on four key pillars, including strengthening energy sector planning, increasing access and fairness, guaranteeing a dependable electricity grid, and establishing stable regulatory conditions to encourage private sector participation. Such framework offers the structural and financial foundation for incorporating innovative solutions like floating solar farms into Mexico's energy mix. By establishing a clear and investment-attractive environment while prioritizing grid dependability and planning, governing bodies are positioning floating solar as a key element in clean energy transition, particularly in regions where land is scarce but water resources present unexplored generation opportunities.

Grid Congestion Solutions and Load Management

As Mexico increases its renewable energy capability, its power grid needs to adapt to new generation trends, particularly in solar-rich areas experiencing infrastructure limitations. In this scenario, floating solar farms provide a tactical benefit by allowing generation close to demand hubs, including urban regions, industrial zones, or water-related utility facilities. Placing them on reservoirs or dams minimizes transmission losses and alleviates the pressure on overloaded grid lines, enabling better load distribution and lowering curtailment risks. These systems can also be combined with hydropower infrastructure, forming hybrid setups that stabilize variable output and enhance energy dependability. In a significant move for grid modernization, RTE International started supporting Mexico's CFE in 2024 to improve its transmission planning. Supported by the French Development Agency (AFD), the initiative aimed to modify grid infrastructure to integrate changing generation sources while also enhancing asset management techniques. The initiative involved the transfer of technical expertise from Europe and the creation of a practical roadmap for a more robust, sustainable energy system. Such partnership aids Mexico's larger aim of incorporating decentralized renewables like floating PV by guaranteeing the grid can effectively absorb and distribute variable energy. As the share of renewables increases, the effectiveness of these partnerships will be vital in preventing bottlenecks and enhancing the value of decentralized clean energy solutions nationwide. This evolving infrastructure readiness is expected to significantly accelerate Mexico floating solar farms market growth by enabling smoother integration and wider deployment of water-based solar systems.

MEXICO FLOATING SOLAR FARMS MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country and regional levels for 2026-2034. Our report has categorized the market based on location, capacity, size, connectivity, and application.

Location Insights:

Onshore

Offshore

The report has provided a detailed breakup and analysis of the market based on the location. This includes onshore and offshore.

Capacity Insights:

Up to 1MW

1MW - 5MW

Above 5MW

A detailed breakup and analysis of the market based on the capacity have also been provided in the report. This includes up to 1MW, 1MW - 5MW, and above 5MW.

Size Insights:

Utility Scale

Community

The report has provided a detailed breakup and analysis of the market based on the size. This includes utility scale and community.

Connectivity Insights:

On grid

Off grid

A detailed breakup and analysis of the market based on the connectivity have also been provided in the report. This includes on grid and off grid.

Application Insights:

Residential

Commercial

Industrial

Others

A detailed breakup and analysis of the market based on the application have also been provided in the report. This includes residential, commercial, industrial, and others.

Regional Insights:

Northern Mexico

Central Mexico

Southern Mexico

Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Northern Mexico, Central Mexico, Southern Mexico, and others.

COMPETITIVE LANDSCAPE:

Mexico Floating Solar Farms Market Size, Share, Trends and Forecast by Location, Capacity, Size, Connectivity,...

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

KEY QUESTIONS ANSWERED IN THIS REPORT

How has the Mexico floating solar farms market performed so far and how will it perform in the coming years?

What is the breakup of the Mexico floating solar farms market on the basis of location?

What is the breakup of the Mexico floating solar farms market on the basis of capacity?

What is the breakup of the Mexico floating solar farms market on the basis of size?

What is the breakup of the Mexico floating solar farms market on the basis of connectivity?

What is the breakup of the Mexico floating solar farms market on the basis of application?

What is the breakup of the Mexico floating solar farms market on the basis of region?

What are the various stages in the value chain of the Mexico floating solar farms market?

What are the key driving factors and challenges in the Mexico floating solar farms market?

What is the structure of the Mexico floating solar farms market and who are the key players?

What is the degree of competition in the Mexico floating solar farms market?

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