WELCOME TO ORBITAL

NEWSLETTER



At a time when digitalization and sustainability converge, Mexico stands at a turning point in its energy sector.

On one hand, the country faces critical challenges: rising demand, tight operating margins, supply variability, and an international commitment to decarbonization.

On the other hand, the emergence of technologies such as artificial intelligence (AI) opens a window of opportunity to transform how energy is generated, transmitted, distributed, and consumed.

 The Al-in-energy market in Mexico reached USD 392.1 million in 2024 and is projected to hit USD 1.87 billion by 2030, representing a compound annual growth rate (CAGR) of about 29.9% between 2025 and 2030.

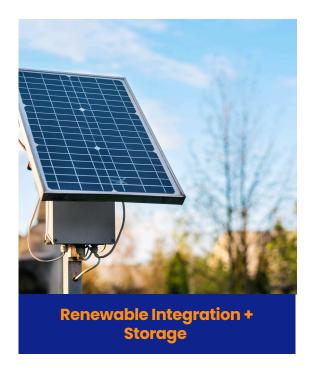
Elevate Your Business

- According to the International Energy Agency (IEA), the energy intensity of Mexico's economy decreased by only 6% between 2000 and 2024.
- In May 2025, the National Energy Control Center (CENACE) reported a system capacity of 47,834 MW against a demand of 47,660 MW, leaving an operating margin below 6%.
- In 2023, approximately 21.5% of Mexico's total electricity came from renewable sources (5.7% hydropower, 6.1% wind, 7.6% solar, 2.0% others).



Strategic Advantage for Mexican Companies?

- Companies that adopt AI with an energy vision can differentiate themselves, reduce operational risks, and enhance competitiveness in a globalized market.
- In a nation embracing advanced manufacturing and nearshoring, having a digital and flexible energy infrastructure will be a decisive factor for investors.
- From an ESG (Environmental, Social, and Governance) perspective, leveraging AI to improve energy footprints, service stability, and data transparency positions organizations as leaders in sustainable transition.





Operational Efficiency and Cost Reduction

The transformation of Mexico's energy sector through AI is no longer a distant vision—it is a present reality under construction.

The winning strategies will be those that combine intelligence, ethics, and measurable impact.

<u>Read More on our LinkedIn</u> profile At **OrbitAI**, we partner with energy companies and related organizations to accelerate AI adoption through:

- Development of explainable AI models that forecast demand, optimize dispatch, and manage assets efficiently.
- Design of intelligent energy dashboards integrating real-time data, early warnings, and visual analytics for strategic decision-making.
- Implementation of compliance and data governance platforms ensuring quality, traceability, and responsible AI usage.
- Consulting and strategic roadmaps to build robust data and AI foundations, from data quality to production-level deployment.

Contáctanos!

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