

AI in Renewable Energy Market - 2024-2032

<https://marketpublishers.com/r/A3B1FCA92849EN.html>

Date: June 2025

Pages: 217

Price: US\$ 2,999.00 (Single User License)

ID: A3B1FCA92849EN

Abstracts

The AI in Renewable Energy Market was valued at US\$ 0.85 billion in 2024 and is anticipated to reach US\$ 4.85 billion by 2032, at a CAGR of 0.2432 from 2026 to 2032.

The report delivers in-depth insights into key market dynamics, including regional growth trends, market segmentation, CAGR projections, and the revenue performance of leading industry players. It also highlights major growth drivers shaping the market landscape. Designed to provide a clear and comprehensive perspective, the report offers a detailed view of the current market size in terms of both value and volume, along with emerging opportunities and the overall development outlook of the AI in Renewable Energy Market.

This report delivers a comprehensive overview of the AI in Renewable Energy Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding AI in Renewable Energy Market. The AI in Renewable Energy Market size, estimates, and forecasts are provided in terms of output/shipments (K MT) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2024–2032.

AI in Renewable Energy Market Scope:

By Deployment

On-Premises

Cloud-Based

By Component

Solutions

Services

By Application

Robotics

Smart Grid Management

Demand Forecasting

Safety Security & Infrastructure

Others

By End-User

Energy Transmission

Energy Generation

Energy Distribution

Utilities

Key Players

ABB

Alpiq

Amazon Web Services, Inc.

Atos SE

FlexGen Power Systems, Inc.

General Electric

Informatec Ltd.

N-IX LTD

Schneider Electric

Siemens AG

Major Highlights

This report delivers a comprehensive overview of the AI in Renewable Energy Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding AI in Renewable Energy Market. The AI in Renewable Energy Market size, estimates, and forecasts are provided in terms of output/shipments (K Sqm) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2024–2032.

This report will assist keyword manufacturers, new entrants, and companies across the industry value chain with information on revenues, production, and average prices for the overall market and its sub-segments, by company, by Type, by Application, and by region.

Regional Analysis:

North America (U.S., Canada, Mexico)

Europe (U.K., Italy, Germany, Russia, France, Spain, The Netherlands and Rest of Europe)

Asia-Pacific (India, Japan, China, South Korea, Australia, Indonesia Rest of Asia Pacific)

South America (Colombia, Brazil, Argentina, Rest of South America)

Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of Middle East & Africa)

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Target Audience 2026

Manufacturers/ Buyers

Industry Investors/Investment Bankers

Research Professionals

Emerging Companies

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