

The Asia-Pacific Short-Term Solar Radiation Forecasting Services Market Share Reach USD 810.81 Million by 2031

Regulatory mandates and government policies for renewable energy & climate monitoring boost growth of energy management systems & provide new avenues for market

WILMINGTON, DE, UNITED STATES,
December 20, 2024 /
EINPresswire.com/ -- According to the
report published by Allied Market
Research, The <u>Asia-Pacific Short-Term</u>
<u>Solar Radiation Forecasting Services</u>
<u>Market Share</u> Reach USD 810.81 Million
by 2031. The report provides an
extensive analysis of changing market

ASIA-PACIFIC SHORT-TERM
SOLAR RADIATION FORECASTING
SERVICES Market
OPPORTUNITY ANALYSIS AND INDUSTRY FORECASTS, 2021-2031

Asia-Pacific Short-Term Solar Radiation Forecasting
Services Market is expected to garner
\$810.32 Million by 2031.

CAGR of 17.6%
during the forecast period 2021-2031

Asia-Pacific Short-Term Solar Radiation Forecasting

Asia-Pacific Short-Term Solar Radiation Forecasting Services Market

dynamics, major segments, value chain, competitive scenario, and regional landscape. This research offers valuable able guidance to leading players, investors, shareholders, and startups in devising strategies for sustainable growth and gaining a competitive edge in the market.

The Asia-Pacific Short-Term Solar Radiation Forecasting Services market was valued at USD 165.28 million in 2021, and is projected to reach USD 810.82 million by 2031, growing at a CAGR of 17.6% from 2022 to 2031.

Surge in implementation of strict laws mandating use of renewable energy and climate monitoring to boost the Asia-Pacific short-term solar radiation forecasting services market trends. The onset of pandemic had an adverse impact on demand for energy and there was a rise in energy prices during the pandemic.

The Asia-Pacific short-term solar radiation forecasting services market is segmented on the basis of type, end user industry, and region. By type, it is categorized into global horizontal irradiance,

direct normal irradiance, and diffuse horizontal irradiance. By end-user industry, it is segmented into transportation, aviation, energy and utilities, agriculture, media, manufacturing retail, and others. Country wise, the market is analyzed across China, Japan, India, South Korea, Vietnam, Taiwan, Thailand, Australia, Malaysia, Philippines, Singapore, Cambodia, Indonesia, Hong-Kong, and rest of Asia-Pacific.

Covid-19 Scenario:

☐ The outbreak of the COVID-19 pandemic had a severe impact on the Asia-Pacific short-term solar radiation forecasting services market in the fiscal year 2021. Significant decline in renewable energy demand in wake of the pandemic and reduction in government subsidies.

☐ The onset of pandemic had adverse impact on demand for energy and there was rise in energy prices during the pandemic.

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Based on application, the energy and utilities segment were the largest in 2021, accounting for nearly one-third of the Asia-Pacific short-term solar radiation forecasting services market share. However, the transportation segment is set to dominate the global market share over the forecast period and is set to witness the fastest CAGR of 25.0% during the forecast period.

Based on type, the horizontal Irradiance (GHI) segment held the largest share of nearly three-fifths of the Asia-Pacific short-term solar radiation forecasting services market share in 2021 and would rule the roost through 2031. However, the direct normal irradiance segment is estimated to witness the fastest CAGR of 21.0 % during the forecast period. The report also discusses the diffuse horizontal irradiance segment.

Country-wise, the India market is expected to grow at a significant rate in the future on account of growing focus to reduce intensity of emissions, increasing renewable energy generation capacity, and the blooming transportation industry. Further, growth in investments & deployment of smart grid and micro-grid infrastructure in this country is boosting the growth of the market in the country. For instance, the government of India planned to invest for smart grid infrastructure and cumulative spending is forecasted at USD 21.6 billion over the period of 2015-2025.

Leading players of the Asia-Pacific short-term solar radiation forecasting services market analyzed in the research include Solargis, Alea Business Software S.L., Clean Power Research, LLC, Solcast, AccuWeather, Inc., BKC WeatherSys Pvt. Ltd., Japan Weather Association (JWA), National Remote Sensing Centre, Korea Space Weather Research Center, and Japan

Meteorological Corporation.

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Lastly this report provides market intelligence most comprehensively. The report structure has been kept such that it offers maximum business value. It provides critical insights into the market dynamics and will enable strategic decision-making for the existing market players as well as those willing to enter the market.

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leading online and offline research and discussion with knowledgeable professionals and analysts in the industry.

Contact:

David Correa 1209 Orange Street, Corporation Trust Center, Wilmington, New Castle, Delaware 19801 USA.

Int'l: +1-503-894-6022

Toll Free: +1-800-792-5285 UK: +44-845-528-1300

India (Pune): +91-20-66346060

Fax: +1-800-792-5285

help@alliedmarketresearch.com

David Correa
Allied Market Research
+1 800-792-5285
email us here
Visit us on social media:

Facebook

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