

Power Purchase Agreement Market to Record Sturdy Growth by 2031 - Schneider Electric, RWE, ENGIE, Statkraft AG, etc.

Advancement in Technology Foreseen to Drive the Global Power Purchase Agreement Market from 2021 to 2031

WILMINGTON, DELAWARE, UNITED STATES, April 9, 2024 /EINPresswire.com/ -- The power purchase agreement market share is expected to witness considerable growth in the coming years, owing to an inclination towards renewable energy consumption in the corporate segment. Further, PPA allows to



mitigate the risks for both energy producers and buyers is primarily expected to drive the global power purchase agreement market positively during the forecast. The power purchase agreement market was valued at \$11.6 billion in 2021 and is estimated to reach \$18.4 billion by 2031, growing at a CAGR of 4.9% from 2022 to 2031.



Inclination towards
renewable energy
consumption incorporates is
the upcoming Trends of the
Power Purchase Agreement
Market in the World."

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PPA is the foundation document for most power projects and a fundamental instrument to facilitate the sale and purchase of electrical power. The power purchase agreement is another step towards the sustainability arrangement under which a company enters a long-term

contract with an independent power producer or a utility and commits to purchasing a specific amount of renewable electricity or the output from a specific asset (sleeved or virtual), at an agreed price.

The power purchase agreement is also called "Green Power Purchase Agreements" (Green PPAs).

The power purchase agreements operate over the medium or long term (5 to 20 years). In the agreement, the developer sells the power generated to the host customer at a fixed rate which is typically lower than the local utility's retail rate. Several benefits are associated with PPA such as a fixed long-term rate and guarantees of origin of renewable assets. All regions are engaged in the development of power-sharing solutions which can help to lower the global footprints and cost saving on power consumption. The adoption of green energy is increasing in Asia and Australia which is creating a power purchase agreement market opportunity.

Lower power prices encourage customers to sign PPAs and make fewer purchases of electricity from utilities which is boosting the power purchase agreement market share in the energy industry. PPA ensures the developer receives income from the sales of electricity as well as any tax credits and other incentives generated from the system which is uplifting the power purchase agreement market size in the forecasted period. At the end of the PPA contract term, a customer may be able to extend the PPA or choose to buy the solar energy system from the developer.

Large corporates are entering into PPA to buy electricity from renewable energy projects located near their premises (on-site projects) and sometimes remote from their location (off-site). As per the power purchase agreement market forecast, corporates are entering PPA to promote energy conservation and energy efficiency which help the business to complete the sustainability policies. In all regions, the consumption of green energy is increasing at a high rate which fosters the power purchase agreement market growth. The implementation of the proposed programs to build an energy-efficient corporate building will help to boost the power purchase agreement market trend shortly.

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The power purchase agreement market is segmented into type, end-use, and region. Based on type, the market is classified into physical PPA, portfolio PPA, block delivery PPA, and others. Based on application, the market is segmented into solar, wind, geothermal, hydro and other. Based on end-use, the market is segmented into merchant, corporate, and residential. Regionwise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

The Power Purchase Agreement industry's key market players adopt various strategies such as product launches, product development, collaboration, and agreements to influence the market. It includes details about the key players in the market's strengths, product portfolio, market size and share analysis, operational results, and market positioning.

- General Electric
- RES Group
- Enel S.p.A.
- Statkraft
- Shell Plc.
- Siemens AG
- Ameresco Inc.
- Schneider Electric
- RWE AG
- Ecohz
- Engie

Based on type, the physical PPA segment holds a 59.5% share in terms of revenue, and the solar energy segment is expected to grow at the highest CAGR of 5.0% during the forecast period. The physical PPA comes with high flexibility as customers can purchase a large volume of electricity through a single transaction due to which the adoption of physical PPA type is increasing in the power purchase agreement market.

Based on application, the wind segment holds a 39.9% share in terms of revenue and is expected to grow at a CAGR of 4.8% during the forecast period. Along with this, the solar segment holds the highest CAGR of 5.1% during the forecast period as several cost benefits are associated with solar panels and solar energy storage.

Based on end-use, the corporate segment holds a 57.0% share in terms of revenue and is expected to grow at a CAGR of 5.1% during the forecast period. Corporations are entering into both kinds of PPA due to which corporate is dominating the market.

Based on region, the Europe region held 47.8% share in terms of revenue and is anticipated to grow at a CAGR of 4.8% during the forecast period. Future developments in Spain's solar storage industry are projected to drive the growth of the power purchase agreement market in the country. North America holds the highest CAGR of 5.3% in the forecasted period

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- Based on type, physical PPA segment holds the market share of 59.5% in 2021 in terms of revenue
- Based on application, the wind segment holds the market share of 39.9% in 2021 in terms of revenue
- Based on end-use, the corporate segment gained a 57.0% share in 2021 in terms of revenue.
- Based on region, the North America region holds a market share of 31.8% in 2021 in terms of

revenue.

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