

Global Power and Communication Line and Related Structures Construction Market Size And Growth Analysis For 2024-2033

TBRC's Power and Communication Line and Related Structures Construction Global Market Report 2024 – Market Size, Trends, And Market Forecast 2024-2033

LONDON, GREATER LONDON, UK, June 28, 2024 /EINPresswire.com/ -- The global market for power and communication line and related structures construction is on a steady growth trajectory, poised to increase

from \$301.51 billion in 2023 to \$311.84 billion in 2024, reflecting a compound annual growth rate (CAGR) of 3.4%. This growth is driven by infrastructure development, urbanization trends, regulatory policies, economic expansion, and enhanced global connectivity.



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Renewable Energy Integration Drives Market Expansion

The market is anticipated to continue its growth, reaching \$362.73 billion by 2028, with a CAGR of 3.9% during the forecast period. This growth is fueled by the integration of renewable energy sources such as solar, wind, hydro, and geothermal power. The rising demand for renewable energy necessitates the construction of new power lines and related structures to facilitate the distribution of clean

energy within existing grids. For example, in the third quarter of 2023, renewable electricity generation in the UK reached a record high of 30.1 terawatt-hours, marking a 6.8% increase from the previous year, highlighting the sector's rapid expansion.

Explore the global power and communication line and related structures construction market with a detailed sample report:

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Key Players and Market Trends



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Major companies in the market, including Hitachi Ltd., General Electric, and Schneider Electric SE, are focusing on product innovation to strengthen their market presence. Qualcomm Technologies, Inc., for instance, introduced the QCA7006AQ, a power line communication (PLC) device designed specifically for electric vehicle (EV) charging stations and supporting vehicle-to-grid (V2G) communication. Such innovations are crucial for meeting the evolving needs of smart city initiatives and enhancing infrastructure resilience.

In addition, partnerships and collaborations play a significant role in shaping the market landscape, enabling companies to leverage expertise and resources for comprehensive solutions in power and communication infrastructure development.

Segments of the Market

The power and communication line and related structures construction market is segmented based on:

- Offering: Hardware, Software, Services
- Modulation Technique: Single Carrier Modulation, Multi Carrier Modulation, Spread Spectrum Modulation
- Frequency: Narrowband (3 kHz to 500 kHz), Broadband (Greater Than 500 kHz)
- Vertical: Industrial, Commercial, Residential

These segments cater to diverse application needs across industrial, commercial, and residential sectors, ensuring tailored solutions that meet specific operational requirements.

Geographical Insights: Asia-Pacific Leading Growth

Europe dominated the power and communication line and related structures construction market in 2023, while Asia-Pacific is anticipated to exhibit the fastest growth during the forecast period. The region's rapid development of smart cities, infrastructure modernization projects, and increasing investments in renewable energy initiatives are driving market expansion.

Access the complete report for in-depth analysis:

<https://www.thebusinessresearchcompany.com/report/power-and-communication-line-and-related-structures-construction-global-market-report>

[Power And Communication Line And Construction Global Market Report](#) 2024 from TBRC covers the following information:

- Market size data for the forecast period: Historical and Future
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

Trends, opportunities, strategies and so much more.

The Power And Communication Line And Related Structures Construction Global Market Report 2024 by The Business Research Company is the most comprehensive report that provides

insights on [power and communication line and construction market size](#), power and communication line and related structures construction market drivers and trends, power and communication line and related structures construction market major players, competitors' revenues, market positioning, and market growth across geographies. The power and communication line and related structures construction market report helps you gain in-depth insights on opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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The Global Market Model, The Business Research Company's flagship product, is a market intelligence platform covering various macroeconomic indicators and metrics across 60 geographies and 27 industries. The Global Market Model covers multi-layered datasets that help its users assess supply-demand gaps.

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