

# Utility Poles Market worth \$61.93 billion by 2030, growing at a CAGR of 5.55% - Exclusive Report by 360iResearch

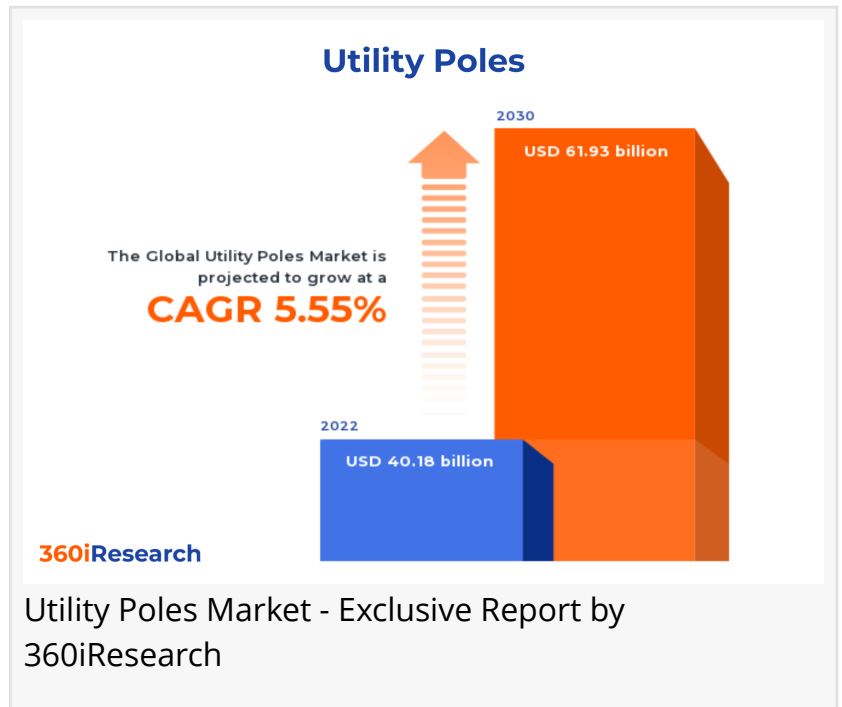
*The Global Utility Poles Market to grow from USD 40.18 billion in 2022 to USD 61.93 billion by 2030, at a CAGR of 5.55%.*

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EINPresswire.com/ -- The "[Utility Poles Market](#) by Type (Distribution Poles, Transmission Poles), Material (Composite, Concrete, Steel), Pole Size, Application - Global Forecast 2023-2030" report has been added to 360iResearch.com's offering.

The Global Utility Poles Market to grow from USD 40.18 billion in 2022 to USD 61.93 billion by 2030, at a CAGR of 5.55%.

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The utility poles market is a column or post made of various materials and composite employed to support overhead power lines and other public utilities, such as fiber optic cable, electrical cable, and relevant equipment such as transformers and street lights. The market encompasses various materials used for pole manufacturing, such as wood, concrete, steel, and composite materials. End-use industries driving the demand for utility poles include power transmission & distribution companies, telecommunication providers, public & private transportation authorities, municipal corporations managing street lighting systems, and other infrastructure development organizations. Expanding power grid networks in developing countries and increasing investments in upgrading existing grids in developed regions contribute to a higher demand for utility poles. Governments worldwide are increasingly focusing on smart city projects, which require efficient street lighting systems supported by well-structured utility pole



systems. However, high capital investment costs associated with installing and maintaining utility poles, coupled with fluctuating raw material prices, adversely affect the market growth. Recycled plastic composites instead of traditional wooden and concrete poles have helped overcome product prices. In addition, there is an increase in emphasis on technologies such as Internet-of-Things (IoT) devices embedded into utility poles that allow remote monitoring and control over smart grid networks and urban lighting systems.

**Application:** Supportive 5G infrastructure development across telecommunication sector  
Utility poles play a critical role in distributing and transmitting electrical power across vast distances. They support overhead power lines and transformers, ensuring safe and efficient delivery of electricity to residential, commercial, and industrial consumers. Street lighting is another vital application for utility poles. They provide essential illumination for public spaces such as roads, pedestrian walkways, parks, and parking lots, enhancing safety and security for citizens while facilitating traffic flow during nighttime hours. The telecommunication industry relies on utility poles to support aerial cables and equipment for transmitting voice, data, and video signals. With the rising deployment of 5G technology worldwide in 2023, there has been a significant increase in demand for taller utility poles capable of accommodating more antennas and radio frequency equipment.

**Type:** Growing demand for transmission poles across economies

Distribution poles are utility poles that support the distribution of electricity across residential and commercial consumers. The primary need for distribution poles is to ensure reliable power delivery to end users while minimizing visual clutter in communities. On the other hand, transmission poles support high-voltage lines that transport electricity over long distances from generating plants to substations. These structures are taller than distribution poles, usually ranging between 70-150 feet, and require more robust materials due to increased weight loads from conductors and insulators. The primary need for transmission poles is to efficiently transport electricity across vast geographic areas while minimizing loss.

**Material:** Increasing popularity of composite utility poles

Composite utility poles are made of a combination of materials, primarily fiberglass, and resin, which provide high strength and excellent resistance to rot, corrosion, and insect damage. Concrete utility poles are primarily employed in urban settings, offering a more visually appealing option than traditional wood or steel poles. They are also preferred in locations requiring fire resistance and with limited access for maintenance crews. Steel utility poles are strong, durable, fire-resistant, and withstand severe weather conditions. Wood continues to be the most widely used material for utility poles due to its low cost, ease of installation, and availability. Wood poles are often preferred in rural settings and areas with a lower risk of extreme weather events or fire hazards.

**Pole Size:** Rising focus on utility pole size for efficient transmission of power

Above 70 ft poles carry high-voltage power over long distances. These poles often require specialized manufacturing processes using steel and reinforced concrete due to their massive

size. Poles between 40 ft and 70 are often used for both transmission and distribution lines, depending on the location and voltage requirements. The below-40-foot segment caters primarily to residential distribution lines requiring low voltage transmission and street lighting applications. These poles are normally made from wood or composite materials, such as fiberglass, due to their affordability and ease of installation.

#### Regional Insights:

The utility poles market is highly evolving in the Americas attributed to the surging energy demand, ongoing upgradation of energy infrastructure, and replacing of aging power infrastructure. In North America, particularly the United States and Canada, there is a growing demand for utility poles due to aging infrastructure, where the need for upgrading and replacing existing poles has led to increased investment in research and development of new materials, such as composite poles that offer durability and longevity. In the European Union (EU), there is a focus on enhancing energy efficiency through smart grid technologies. This has led to increased demand for utility poles in projects involving the modernization of power distribution networks. The continuing efforts of the governments in the APAC region to provide electricity to urban and rural areas of the region are increasing the demand and deployment of utility poles. Emerging markets such as India, China, Brazil, South Africa offer tremendous potential for growth in the utility poles industry. Rapid urbanization, growing economies, and expanding energy infrastructure projects in these countries present a significant demand for utility poles. Manufacturers and providers need to adapt their strategies to cater to these markets' specific needs. Emerging markets such as India, China, Brazil, South Africa offer tremendous potential for growth in the utility poles industry. Rapid urbanization, growing economies, and expanding energy infrastructure projects in these countries present a significant demand for utility poles. The rising demand for constant electricity supply and the growing need for enhanced communication is expanding the use of utility poles for smooth transmission of energy and distribution of communication lines. The ongoing investments and development of innovative high-strength and durable utility poles are expected to increase their use by the end-use sectors worldwide.

#### FPNV Positioning Matrix:

The FPNV Positioning Matrix is essential for assessing the Utility Poles Market. It provides a comprehensive evaluation of vendors by examining key metrics within Business Strategy and Product Satisfaction, allowing users to make informed decisions based on their specific needs. This advanced analysis then organizes these vendors into four distinct quadrants, which represent varying levels of success: Forefront (F), Pathfinder (P), Niche (N), or Vital(V).

#### Market Share Analysis:

The Market Share Analysis offers an insightful look at the current state of vendors in the Utility Poles Market. By comparing vendor contributions to overall revenue, customer base, and other key metrics, we can give companies a greater understanding of their performance and what they

are up against when competing for market share. The analysis also sheds light on just how competitive any given sector is about accumulation, fragmentation dominance, and amalgamation traits over the base year period studied.

#### Key Company Profiles:

The report delves into recent significant developments in the Utility Poles Market, highlighting leading vendors and their innovative profiles. These include Ace Pole Co. Inc. by Beach Timber Company, Inc., Aeron Composite Pvt. Ltd., Bajaj Electricals Ltd., Bell Lumber and Pole Company, Dimel Ingeniería S.A, El Sewedy Electric Company, France Bois Imprégnés by MOULINVEST Group, FUCHS Europoles GmbH, Hill & Smith PLC, Hitachi Energy Ltd., Iivari Mononen Oy, India Electric Poles Manufacturing Co., KEC International Ltd. by Raychem RPG Private Limited, Koppers Inc., Laminated Wood Systems, Inc., National Pole & Structure, Nippon Concrete Industries Co., Ltd., Norsk Hydro ASA, Nova Pole International Inc., Nucor Corporation, Omega Company by Saleh & Abdulaziz Abahsain Co.Ltd., P.M.F. Machinefabriek Bergum B.V., Pelco Products, Inc., Pelco Structural, LLC, Qingdao Wuxiao Group Co.,Ltd., RS Technologies Inc., Sabre Industries, Inc., Skipper Limited, Stella-Jones Inc., TAPP, Trés60 Group, V&S Schuler Utilities Group, Valmont Industries, Inc., Yixing Futao Metal Component Co.,Ltd., and Yoshimoto Pole Co., Ltd..

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#### Market Segmentation & Coverage:

This research report categorizes the Utility Poles Market in order to forecast the revenues and analyze trends in each of following sub-markets:

Based on Type, market is studied across Distribution Poles and Transmission Poles. The Transmission Poles commanded largest market share of 56.23% in 2022, followed by Distribution Poles.

Based on Material, market is studied across Composite, Concrete, Steel, and Wood. The Steel commanded largest market share of 47.31% in 2022, followed by Wood.

Based on Pole Size, market is studied across Above 70 ft, Below 40 ft, and Between 40 ft & 70 ft. The Between 40 ft & 70 ft commanded largest market share of 44.54% in 2022, followed by Above 70 ft.

Based on Application, market is studied across Electricity Distribution & Transmission, Street Lighting, and Telecommunication Network. The Electricity Distribution & Transmission commanded largest market share of 44.65% in 2022, followed by Street Lighting.

Based on Region, market is studied across Americas, Asia-Pacific, and Europe, Middle East & Africa. The Americas is further studied across Argentina, Brazil, Canada, Mexico, and United States. The United States is further studied across California, Florida, Illinois, New York, Ohio, Pennsylvania, and Texas. The Asia-Pacific is further studied across Australia, China, India, Indonesia, Japan, Malaysia, Philippines, Singapore, South Korea, Taiwan, Thailand, and Vietnam. The Europe, Middle East & Africa is further studied across Denmark, Egypt, Finland, France, Germany, Israel, Italy, Netherlands, Nigeria, Norway, Poland, Qatar, Russia, Saudi Arabia, South Africa, Spain, Sweden, Switzerland, Turkey, United Arab Emirates, and United Kingdom. The Asia-Pacific commanded largest market share of 42.12% in 2022, followed by Europe, Middle East & Africa.

Key Topics Covered:

1. Preface
2. Research Methodology
3. Executive Summary
4. Market Overview
5. Market Insights
6. Utility Poles Market, by Type
7. Utility Poles Market, by Material
8. Utility Poles Market, by Pole Size
9. Utility Poles Market, by Application
10. Americas Utility Poles Market
11. Asia-Pacific Utility Poles Market
12. Europe, Middle East & Africa Utility Poles Market
13. Competitive Landscape
14. Competitive Portfolio
15. Appendix

The report provides insights on the following pointers:

1. Market Penetration: Provides comprehensive information on the market offered by the key players
2. Market Development: Provides in-depth information about lucrative emerging markets and analyzes penetration across mature segments of the markets
3. Market Diversification: Provides detailed information about new product launches, untapped geographies, recent developments, and investments
4. Competitive Assessment & Intelligence: Provides an exhaustive assessment of market shares, strategies, products, certification, regulatory approvals, patent landscape, and manufacturing capabilities of the leading players
5. Product Development & Innovation: Provides intelligent insights on future technologies, R&D activities, and breakthrough product developments

The report answers questions such as:

1. What is the market size and forecast of the Utility Poles Market?
2. Which are the products/segments/applications/areas to invest in over the forecast period in the Utility Poles Market?
3. What is the competitive strategic window for opportunities in the Utility Poles Market?
4. What are the technology trends and regulatory frameworks in the Utility Poles Market?
5. What is the market share of the leading vendors in the Utility Poles Market?
6. What modes and strategic moves are considered suitable for entering the Utility Poles Market?

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