

# Utility Poles Market is Poised to Witness a Revenue of US\$ 64.54 Billion By 2031

CHICAGO, UNITED STATES, July 17, 2023

/EINPresswire.com/ -- The utility poles market has witnessed significant growth in recent years and is expected for continued expansion during the forecast period. With a revenue of US\$ 64.54 billion in 2022, the market is projected to reach a valuation of US\$ 100.00 billion by 2031, growing at a CAGR of 5.0% during the forecast period from 2023 to 2031.

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<https://www.astuteanalytics.com/request-sample/utility-poles-market>



The spike in electricity usage, the expansion of the telecommunications industry, and the enormous demand for steel as an environmentally friendly product are all factors that contribute to the utility poles market rapid growth during the projected period. Additionally, the demand for utility poles has increased due to the necessity for a robust utility infrastructure to meet the growing population's energy needs. In addition, the widespread use of utility poles in sub-transmission, power distribution, and street lighting would favorably impact worldwide utility pole market trends.

With the rollout of 5G in many developed and developing nations, the telecom business is flourishing globally. As per GSA, there were 243 commercial 5G deployments as of January 2023, with 112 operators investing in standalone 5G. For the next initiatives, the necessary infrastructure must be put in place so that the technology can use throughout the entire nation. Thus, this increases the need for utility poles as it is commonly used for telecommunication throughout the regions—increases as a result. The telecommunications sector is further rising by technical improvement and expanding electronic gadget penetration, which fuels the market expansion. For instance, in 2021, there were more than 5.27 billion distinct mobile phone users globally, which is equivalent to about 67.1% of the world's population.

The amount of energy consumed worldwide keeps rising. The ability of electrical producers to produce electricity is continually growing. As a result, there is a high requirement for power

transmission and distribution, which, in turn, increases the need for utility pole installation. Global energy consumption has grown by nearly a third since 2000 and is likely to keep rising in the near future. This will result in a rise in worldwide energy consumption of 77 percent from 2000 to 2040.

The installation of utility poles for effective power transmission and distribution is expanding in developing countries with major attempts to offer energy in rural areas. Numerous developing countries, including Brazil, Russia, India, China, and South Africa, have expanded their energy demand, which has led to a surge in energy production and distribution projects.

Wooden material segment is likely to grow at a CAGR of 12.1%, which has historically been employed in utility infrastructure and is expected to experience modest expansion.

Since wood was the first material used to make poles, it is widely employed to make utility poles. Wood utility poles are pressure treated with special compounds to ward off woodpeckers, insects, fungi, and fires.

The 40-70 feet pole size contributed 44.7% of the market's revenue in 2022. Utility poles in the 40- to 70-foot size range are employed in applications for both energy distribution and transmission.

The pole's ability to support higher load tension increases with its size. As a result, poles with higher ground clearance are known to be able to handle more energy. In addition, the telecom sector is a large consumer of these poles, with rising demand for poles between 40 and 70 feet in length mostly due to an increase in internet customers.

The energy transmission and distribution segment dominated the market with a share of 79.4%. Energy production has expanded owing to the rising worldwide demand for energy, necessitating an effective infrastructure for distribution and transportation.

Utility poles are essential in this industry as they allow for the distribution and transmission of power throughout towns and cities. In order to support high-voltage transmission lines and transmit electricity quickly, dead-end distribution poles are especially important. This application area reflects the market's high utility pole consumption and demand.

The utility poles market is now booming in the Asia-Pacific region, and there is a ton of untapped opportunities here. The expanding market is primarily due to the optimistic prognosis for the electronics sector and the rising need for communication services.

Due to the increase in energy demand in the region, major transmission and distribution (T&D) projects have been implemented to upgrade the transmission network using super high voltage technology. These projects are likely to significantly fuel market expansion during the forecast period. With 4.7 billion people living in nations ranging from the world's greatest energy consumers to small island economies that are among the most vulnerable to the effects of climate change, Asia Pacific is a sizable, diverse, and dynamic region.

Additionally, it is projected that a strong emphasis on technical developments and the creation of various new enterprises will support the market's expansion in Asia-Pacific. This focus on innovation and the entry of new players will aid in the market growth as a whole and open door for different utility pole materials and technologies. For instance, the collaboration between BASF and Anhui Huike Hengyuan Composite Material Company Limited is an example of the increased emphasis on cutting-edge materials and creative solutions in the Asia-Pacific utility poles market.

According to the analysis of Astute Analytica, the top 11 players, including A-AERIAL SERVICES, Allied Bolt Products, LLC, Eaton Corporation, Elsewedy Electric Co S.A.E., FUCHS EuroPoles GmbH, Hill & Smith PLC, NIPPON CONCRETE INDUSTRIES CO., LTD., OMEGA FACTORY, Pelco Products Inc., RS Technologies, hold 23.55% revenue share. In addition, Allied Bolt Products, LLC and NIPPON CONCRETE INDUSTRIES are the two leading players, generating about 5.91% and 3.17% revenue share.

Different utility pole market players have a presence in the local, regional, and global markets. In order to strengthen their position internationally, several businesses place a premium on creating products with increased strength density, reduced weight, and high efficiency. Additionally, a large number of players are producing the tubular pole structure locally or regionally.

For more information, visit <https://www.astuteanalytica.com/industry-report/utility-poles-market>

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- A-AERIAL SERVICES.
- Allied Bolt Products, LLC
- Eaton Corporation
- EL SEWEDY ELECTRIC COMPANY
- FUCHS EUROPOLES GMBH
- HILL & SMITH HOLDINGS PLC
- NIPPON CONCRETE INDUSTRIES CO., LTD.

- OMEGA FACTORY
- PELCO PRODUCTS INC.
- RS TECHNOLOGIES INC.
- SKIPPER LTD.
- STELLA-JONES INC.
- UTILITY METALS.
- VALMONT INDUSTRIES INC.
- Other Prominent Players

MARKET OPPORTUNITIES

With the increasing demand for power infrastructure, the market for utility poles is expected to grow significantly. The market is segmented into different types of poles, such as wooden, steel, and composite poles. The market is also segmented by application, such as transmission, distribution, and street lighting.

MARKET SEGMENTS

- Transmission Poles
- Distribution Poles
- Light Poles

MARKET SEGMENTS

- Wooden Utility Poles
- Steel Utility Poles
  - o Stepped poles (ISTPs)
  - o Swaged poles (ISWPs)
- Concrete Utility Poles
- Fiber Reinforced Polymer (FRP) Composites

MARKET SEGMENTS

- Below 40ft
- Between 40 & 70ft
- Above 70ft

MARKET SEGMENTS

- Energy Transmission & Distribution
- Telecommunication
- Street Lighting
- Heavy Power Lines
- Sub Transmission Lines
- Others

MARKET SEGMENTS

- North America
  - o The U.S.
  - o Canada
  - o Mexico
- Europe

- Western Europe
  - The UK
  - Germany
  - France
  - Italy
  - Spain
- Rest of Western Europe
  - Eastern Europe
    - Poland
    - Russia
  - Rest of Eastern Europe
- Asia Pacific
  - China
  - India
  - Japan
  - Australia & New Zealand
  - South Korea
  - ASEAN
    - Malaysia
    - Thailand
    - Singapore
    - Vietnam
    - Indonesia
    - Philippines
  - Rest of ASEAN
- Rest of Asia Pacific
- Middle East & Africa
  - UAE
  - Saudi Arabia
  - South Africa
  - Rest of MEA
- South America
  - Argentina
  - Brazil
  - Rest of South America

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