

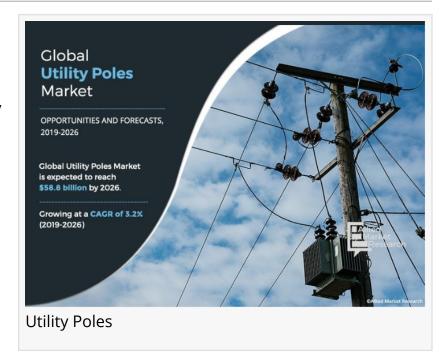
Utility Poles Market to Witness Substantial Gains by 2026

Utility Poles Market size is anticipated to exceed USD 58.8 billion by 2026

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The global <u>utility poles market</u> was valued at \$45.6 billion in 2018, and is projected to reach \$58.8 billion by 2026, growing at a CAGR of 3.2% from 2019 to 2026.

Utility poles, also known as power poles or telephone poles, are tall, slender structures used to support



overhead utility lines and various types of cables, including electrical power lines, telephone lines, internet and data cables, and sometimes street lighting. These poles are a common sight in urban, suburban, and rural areas, and they serve as a critical component of infrastructure for the distribution of essential services.

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Some of the major market players studied and profiled in the global utility poles market are

Valmont Industries Inc.

Skipper Ltd.

Nippon Concrete Industries Co. Ltd.

El Sewedy Electric Company

Stella-Jones **FUCHS Europoles GmbH** Omega Factory Pelco products Inc. RS Technologies Inc. Key aspects of utility poles: Materials: Utility poles are typically made of various materials, with wood and steel being the most common choices. Wooden Poles: Wooden utility poles are traditionally made from treated wood, such as cedar or pine, to resist rot and decay. They are often used for power distribution and telecommunications. Steel Poles: Steel utility poles are more durable and longer-lasting than wooden poles. They are often used in areas with harsh weather conditions or in regions prone to termites and other wood-damaging pests. By type, distribution pole emerged as the global leader in 2018 and a similar segment likely to continue its dominance on the global utility poles market. Electric distribution activities required a repeated number of poles as per the electricity demand which drives the growth of this segment. By material, wood is the largest revenue-generating segment in 2018. Wood is the pioneer material in the pole making industry due to which it is still used significantly across the globe. However, By application, energy transmission and distribution is the major segment accounted for around 70% market share in 2018. Utility poles are mainly required in the energy transmission and distribution activities that make this segment the largest one among others. Composite utility poles offer the longest lifespan due to which it is expected to register highest CAGR during the forecast period.

Some of the other factors driving the adoption of utility poles are the expansion of existing electricity networks, increase in electricity access rate in developing and underdeveloped

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countries, and the introduction of monopoles.

Monopoles are the latest invention in this market, however, lack of awareness associated with them is holding the market from maximizing the growth.

Composite poles are also introduced in the market that is showing greater potential for the coming years.

This pole type has superior properties and is lightweight as compared to other poles, due to which composite poles are expected to register the highest CAGR during the forecast period.

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Utility Lines: Utility poles support a variety of lines and cables, including:

Electrical Power Lines: These carry electricity from power generation facilities to homes and businesses.

Telephone Lines: Traditional copper telephone lines and fiber optic cables for landline and broadband communications.

Cable Television Lines: Coaxial cables for delivering cable television and internet services.

Street Lighting: Utility poles can also be equipped with fixtures for street and area lighting.

Steel's material profile is approved as a green material and the market has seen different growth perspectives thereafter.

Most of the aged wooden utility poles have started to replace from steel poles due to greater benefits such as ease of installation, reliability, durability, life cycle cost, and environmental considerations.

Currently, there are more than 150 utility poles are in service in North America (of which more than 70% are wooden) and around 2.5 million are getting replaced by steel poles. As a result, steel-based poles likely to have a promising future during the forecast period.

Utility pole is an end to end connection of electrical wires that carries and distributes electricity as per the convenience. Therefore, utility poles are designed to be durable in nature.

The normal life cycle of a utility pole ranges from 30 to 50 years but this life span varies based on the material used.

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Wood poles were preferred mostly in response to material suitability but gradually wooden poles are getting replaced by steel and now composite based poles due to enhanced properties and benefits associated with them.

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