

MEYER

UTILITY STRUCTURES

Steel

Your Best Choice



The Debate is Over.
Meyer Light Duty (LD) steel poles provide
a better alternative to wood or concrete.

Reduced weight (typically 1/3 to 1/2 the weight of a comparable wood pole)

Longer span lengths, resulting in a reduced number of poles, hardware and installations

Significantly reduced maintenance costs

Self-grounding capabilities

Superior above and below groundline protection, including UV resistivity

Reduced life cycle costs

Verifiable conformance of strength, dimensions and capabilities

Choice of multiple finishes, including weathering, painted or galvanized

No hardware loosening due to wood shrinkage

Optional inclusion of arms and all attachment hardware for monopoles and H-frames

Environmentally friendly

Steel: The Best Choice

Meyer light duty (LD) structures offer the desirable versatility of steel. Not only is steel up to 50% lighter than wood and as much as 80% lighter than concrete, it also offers an infinite number of design options to fit even the most demanding situations. Typically used for voltages from 44kV to 230kV, steel pole installations have been found to require less time, labor, equipment and maintenance.



Steel

Simply the Best Choice

Lower Total Installation Costs

Steel poles support longer spans. Longer spans require fewer poles, less labor, less pole hardware, and less time, resulting in lower installed costs.

Stronger in Every Way

Stronger than wood, more flexible than concrete, and stiffer than composite, steel is unmatched in its universal applicability. With precisely engineered capabilities, rather than approximated ones, steel provides you with performance you can rely on.

Superior Aesthetics

The predictability and consistency of steel poles' geometry and straightness provide an advantage in appearance that wood cannot offer. The color of a weathering steel pole is very similar to the color of a wood pole, subtly blending into forested backgrounds.

More Environmentally Responsible

Steel is more environmentally responsible than wood. Wood poles are renewable, but not 100% recyclable, and require extensive chemical preservatives to prolong their life. Because wood poles can potentially leak these chemical preservatives into water sources and dirt, many governments classify them as hazardous waste and restrict recycling or landfill options when the pole is retired. When wood poles decay, carbon that is bound into the wood is also released back into the environment, giving wood a carbon footprint.

Ease of Handling and Maintenance

The equipment used to handle wood poles may also be used to handle lighter class-for-class steel poles. Steel poles do not require retightening of hardware due to pole shrinkage and expansion, and also do not require periodic hardware and maintenance inspections, or chemical preservation treatments.

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