DataPoint

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North America Light Plant

Power Systems Research
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This product information comes from industry interviews and from two proprietary databases maintained by Power Systems Research: EnginLink™, which provides information on engines, and OE Link™, a database of equipment manufacturers.

19,200

2024 Production Forecast

19,200 units is the estimate by Power Systems Research of the number of Light Plants expected to be produced in North America in 2024.

A Light Plant, also known as a Light Tower, is a piece of mobile equipment which has one or more high-intensity lamps mounted on a mast. The mast is attached to a trailer, with a generator to power the lamps. The generator is powered by a diesel engine. Light plants mostly are used for construction and mining projects.

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Market Share: With nearly half of total units produced, Generac Mobile Products leads in the production of Light Towers in NA with 49.5%. In second position is Allmand Bros. with 21%; third, Wacker Neuson with 19.5%.

Export: Up to 30% worldwide.

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Trends. In 2023, production of Light Plants in North America increased nearly 4%, and production is expected to increase another 5% in 2024. In recent years, production has fluctuated, including Terex ending production of light towers along with COVID-19 related shutdowns. Prior year gains were attributed to natural disasters of 2017 for instance hurricanes and tropical storms in addition to the growth in construction related activities. Recent production decline comes from a lack of lighting needed for oil/gas processing (mining and oil/gas exploration that is usually a 24/7 operation) along with MQ Whiteman leaving the industry.

Rental accounts for fleet, road and general construction have stabilized resulting in the increase along with the demand for metal halide units. Innovative new products have also stimulated sales, especially with the introduction of LED lighting options.

Portable light tower rentals comprise of approximately 90% of the market. Production will continue to fluctuate over the next 3-5 years that will rise and fall with oil/mining related activities, however, expect moderate gain of up to 3%.

Note: Light towers are also electric and solar powered that are popular among end users.

Battery/Corded

Companies manufacturing Battery/Corded: (*) exclusively

- Allmand Bros: Light Towers
- American Signal Company (*) Arrow Boards/Message Boards
- Boss LTR: Light Towers
- National Signal (*) Light Towers/Message Boards
- Solar Technologies (*) Arrow Boards/Message Boards/Light Towers
- Trafcon Industries (*) Arrow Boards/Message Boards
- U.S. Barricades LLC (*) Arrow Boards/Message Boards
- Ver-Mac (*) Arrow Boards/Message Boards/Light Towers
- Wanco, Inc: Arrow Boards/Message Boards/Light Towers

Battery/Corded Combined	Battery	Corded
2022: 9180	**2022:** 8777	**2022:** 412
2023: 9583	**2023:** 8915	**2023:** 668
2024: 10200	**2024:** 9400	**2024:** 775

Battery/Corded	Battery	Corded
2022-2023: 4.4% increase	**2022-2023:** 1.5% increase	**2022-2023:** 62% increase
2023-2024: 6% increase	**2023-2024:** 5.3% increase	**2023-2024:** 16% increase

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About Power Systems Research

Power Systems Research (PSR), established in 1976, is the leading source of data, analysis and forecasting on the global production of engines and engine-powered equipment, including class 8 vehicles. One of its databases, EnginLink,™ includes production figures down to the model level for OEMs in key market segments, such as commercial vehicles. PSR's global research network includes eight offices and stretches across 200 countries and four continents.

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