

## Striving for Sustainability

With their electrical costs increasing 42% from December 2022 to January 2023 and European customers expressing interest in the company's carbon reduction and energy efficiency practices, **Long-Stanton Mfg.** needed to reliably reduce fixed costs over the long term and find new ways to practice sustainability. So, they explored and decided upon solar. This sixth generation, family-owned business, with clients in sectors such as aerospace, energy, health care, construction, and OEM, is grounded in their 180-year history, but embraces the future with forward-thinking strategies.

## Solar Solutions

Long-Stanton partnered with Melink Solar to install a 276 kW DC rooftop solar array on their main building in West Chester, Ohio, in January 2024. With the success of that installation, Long-Stanton then added a 113 kW DC array in December 2024 on their second building. The addition of rooftop solar power highlights the company's commitment to innovation and environmental responsibility.

## Result

With both solar installations, Long-Stanton **now covers 85% of their 2022 electrical consumption** at a projected 30-year energy cost of just \$0.02 per kWh, a significant reduction from the \$0.10 per kWh paid in 2023. One year before solar, Long-Stanton's main building 12-month electric usage was 413,699 kWh. Just one year after solar, **utility usage decreased to a remarkable 83,437 kWh**, a nearly 80% drop!

This project underscores Long-Stanton's dedication to sustainable manufacturing and positions the business for continued success in a competitive global market. To learn more about Long-Stanton's decision to go solar and the advantageous outcomes, contact Marvin Cunningham, President, at 513-720-3959 [marvinc@longstanton.com](mailto:marvinc@longstanton.com).



Two rooftop arrays with combined 389 kW-DC



Equivalent of planting 117,000 trees



7800 metric tons of carbon dioxide diverted from atmosphere

## ABOUT MELINK SOLAR

Melink Solar is based out of Cincinnati, Ohio and empowers leaders to kick-start their sustainability journeys. They work with Midwest businesses and organizations of all sizes to evaluate and implement onsite solar with roof mounts, ground mounts, and parking canopies. Melink Solar's goal is to help owners turn sunshine into savings and reduce carbon emissions. Since 2008, Melink Solar has designed and built over 300 MW of commercial and utility scale solar.

Elevating the standard for commercial solar



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**Melink Solar**<sup>TM</sup>