



SMA Solar Technology AG Press Release

SMA plans local final assembly of system solutions for large-scale solar and storage projects in the US

Niestetal / Rocklin, May 19, 2025 – SMA Solar Technology AG (SMA) announced that it will begin local final assembly of its Medium Voltage Power Station (MVPS) in the United States. This compact system combines a central or battery inverter with a transformer and medium-voltage switchgear and is used in large-scale solar and storage projects. By integrating the system domestically, SMA is strengthening the local supply chain, reducing project lead times, and supporting the strategic goals of the energy transition in North America.

"This is a critical step forward for SMA America and for our customers," said Jay Arghestani, managing director of large-scale sales, technology, and marketing for SMA America. "Domestic integration helps shorten project timelines, reduce shipping complexities and may contribute to domestic content strategies under the Inflation Reduction Act, depending on how customers structure their solutions."

"The U.S. is one of our most important markets and will remain one of the fastest-evolving clean energy markets in the world," said Florian Bechtold, executive vice president of large scale for SMA Solar Technology AG. "This market plays a vital role in driving global decarbonization, and SMA is proud to invest in American-based solutions that support our partners and customers nationwide."

The first project featuring U.S.-based integration is scheduled for the first quarter of 2026, with a phased rollout planned for the second quarter. In parallel, the share of locally sourced and assembled components will gradually increase. Local final assembly in the US brings both logistical and potential advantages in terms of subsidy programs such as the Inflation Reduction Act.

The SMA MVPS has been a game changer for the utility-scale solar market, offering a fully integrated, high-performance solution designed to simplify project execution and maximize energy yield. Engineered for scalability and reliability, the MVPS combines SMA's advanced inverter technology with key components in a compact, factory-tested system that reduces on-site labor and commissioning time. Its modular design supports streamlined logistics, while its robust performance and grid support capabilities make it ideal for large-scale deployments in diverse environments.

For more information about the SMA MVPS visit:

[Discover the MV Power Station 4000-4600-S2-US |](#)



About SMA

As a leading global specialist in photovoltaic and storage system technology, the SMA Group is setting the standards today for the decentralized and renewable energy supply of tomorrow. SMA's portfolio contains a wide range of efficient PV and battery inverters, holistic system solutions for PV and battery-storage systems of all power classes, intelligent energy management systems and charging solutions for electric vehicles and power-to-gas applications. Digital energy services as well as further comprehensive services round off SMA's range. SMA solar inverters installed worldwide in the last 20 years, with a total output of around 144 GW, help avoid over 64 million tons of CO₂ emissions annually. SMA's multi-award-winning technology is protected by more than 1,600 patents and utility models. Since 2008, the Group's parent company, SMA Solar Technology AG, has been listed on the Prime Standard of the Frankfurt Stock Exchange (S92) and is listed in the SDAX index.

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