

Vincotech Power Modules Corner a Quarter of the World's Solar Market in 2015

Solar energy converters that account for nearly 25% of global GW output were powered by Vincotech modules.

Govinda Ahuja, Business Development Manager, Vincotech GmbH

Inverters with Vincotech power modules in their 'engine rooms' helped generate 13 gigawatts (GW) of solar energy in 2015, accounting for around 25% of that year's global yield. This is just one of the great success stories that have come out of Vincotech's strong ties and excellent working relationships with customers across the globe. Persistent innovation and quality service have produced components that are saving more than 17 million tons of carbon dioxide equivalents (MMTCDE) every year, which is tantamount to planting some 440 million trees. Vincotech's eco-friendly efforts contribute to the 'Mitsubishi Electric Eco Changes: for a greener tomorrow' initiative, and to the parent company's greater environmental vision for 2021.

Vincotech's success in this booming market certainly looks to be sustainable. With a total of approximately 49 GW of installed power in 2015, the solar industry has had a stellar run and is showing no signs of letting up. Driven by government subsidies and developed and developing nations' efforts towards a more eco-friendly future, the installation rate continues to rise at an 11% compound annual growth rate. Every GW of solar energy that replaces an equal amount of coal-generated power spares the environment around 1.3 million tons of MMTCDE, thereby reducing pollution and our over-dependence on fossil fuels.

Rising carbon dioxide levels and other emissions cause health and environmental issues that are particularly severe in developing countries such as India and China. Rising sea levels caused by global warming could also impact low-lying developed nations such as the Netherlands and densely populated coastal cities.

"Vincotech has been a reliable partner in the power industry with more than 40 years of industry experience, and it has witnessed the ups and downs of the solar industry in the last 10 years", says Govinda Ahuja, Strategic Business Development Manager at Vincotech. "We believe in working in close partnership with the customer, right from the design-in phase to product rollout. Customers can count on us to serve them as a trusted partner throughout our collaboration, which also entails fast and flexible service. Dealing with change and striving to meet the customer's demand is at the core of our company's culture."

Vincotech is an independent operating affiliate of the Mitsubishi Electric Corporation. "Vincotech aims to support customers in this transition towards a greener sustainable future with its range of innovative standard and customized power modules," says Mr. Ahuja.

“Vincotech has established its credentials as a reliable partner in designing and building power modules for motion control, renewable energy, and power supply applications, setting performance standards for both off-the-shelf and application-specific solutions.”

Vincotech offers a free selection of chips to exploit the latest innovations and maximize efficiency. The company eagerly shares its experience, helping customers choose and customize housings, topologies and power module designs. At Vincotech, the future is just around the corner: State-of-the-art silicon carbide technology is sure to revolutionize the industry, so the company recently added to its portfolio several high-performance SiC-based modules such as the *flow3xPHASE 0* SiC, *flow3xBOOST 0* SiC and *flowMNPC 0* SiC.

