



CASE STUDY

Projects & Oversized Equipment

Supplying Energy Efficiently



OPPORTUNITY

In 2017, A global leader in the design and supply of heat recovery steam generators, thermal solar receivers, and industrial boilers selected Masterpiece International to transport oversized industrial parts to a powerplant being built in Pennsylvania. Masterpiece was awarded several projects that required the specialized movements of large equipment including global logistics management, contingency planning, specialty packaging and waterproofing, marine surveying, on-site supervision, and door-to-door coverage. The generators are a large component of the client’s energy division, providing efficient power solutions to locations around the United States and world.

EXECUTION

The 28 modules were 100ft long, ranging from 95 tons to 231 tons, along with panels, ventilation, and structural steel requiring a solution that allowed for more than 18,000 cubic meters of space on 3 vessels. The generators were manufactured and assembled in China and Vietnam, where Masterpiece’s APAC General Manager was on site for the loading of the equipment, on-dock packaging, and waterproofing. Each vessel travelled 45 days from Southeast Asia to the destination in the U.S. – one departing in March, April, and May of 2018.

MASTERPIECE’S ROLE WAS TO DESIGN AND IMPLEMENT A TURNKEY LOGISTICS PLAN INCLUDING:

- **Dedicated Charter Vessel** For large projects that require special dimensions or weights Masterpiece utilizes its network to source the best-in-class vessels and aircrafts.
- **On-site Supervision** At both origin and destination, our staff will supervise your cargo to ensure a safe voyage. Our team overseas will have feet on the ground anywhere around the globe for your freight.
- **Heavy Haul and Oversized** Not all shipments will fit into a box – we provide customized solutions for your over-sized or extra-heavy projects.
- **Marine and Route Surveying** Masterpiece offers surveying and feasibility studies to ensure on-time, safe, and secure shipments.

Masterpiece International delivered the final pieces of the powerplant and increased energy output to 1000 megawatts of power ... enough to power 1 million homes.