



MYANMAR POWER PLANT

Location	Myingyan, Myanmar
Start Date	January 2015
Duration	3 Months
Volume	250 Containers
Contract Value	500,000 USD

Equipment/Services Used

Customs clearance	
Inland road transport	
Inland water transport	
Air freight	
Draw back cargo solution	
Tug boat	
Barge	
Transformers x2	55 Tonne
Mobile crane	70 Tonne
Mobile crane	220 Tonne
Multi axle hydraulic trailer	
Cherry picker	
Generator	3 Phase

SCOPE

CEA Project Logistics Myanmar were contracted for customs clearance and transportation to aid in the construction of a temporary power plant which had to be commissioned within 60 days of the first containers arriving in Myanmar.

CEA's scope of work was to provide transportation for 250 Shipper Owned and Carrier Owned Containers (SOC & COC) from central Yangon, 560km inland to the Myingyan district, approximately 100km south of Mandalay.

The power plant when completed will be able to produce 95 megawatts of power and will stay in operation for two years before being decommissioned with 70 percent of the materials being exported again for future use

Along with providing inland road & water transport, CEA supplied 2 x 55 tonne 132Kv transformers, that were shipped by barge to the Myingyan district and then transported 30km to the power plant site by use of a Multi Axle Hydraulic Trailer. CEA also organised the mobilisation of a 70 tonne rough terrain crane transported by barge along the Ayeryawaddy River to the construction site.

The power plant configuration is 31 generators and their accompanying cooling units per line, with three in-line transformers to step up the voltage before transferring the generated power to the site substation and then into the national grid. This will provide enough power to supply over 500,000 homes throughout the region



220 T CRANE PLACES THE TRANSFORMERS



GENERATOR SETS DOUBLE STACKED ONSITE



TRANSFORMERS EN ROUTE TO SITE



CEA 70 T CRANE TRANSPORTED BY BARGE

The 12 day journey via the Ayeryawaddy River was necessary due to transport weight restrictions by the Burmese land transport department. This proved to be a more cost effective mode of transport for the client. Onsite operations included a lifting plan for the transformers using a 220 tonne crane and a 70 tonne crane for use with the generators, inline transformers and general cargo. The project will continue throughout with the shipping of spares and other equipment for duration of the operations.



TRANSFORMER ON A MULTI AXLE TRAILER



SITE SUBSTATION COMPLETED AND READY FOR HOOK UP



70 T CRANE UNLOADS SOC CONTAINERS

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