

Engine installation by means of jacking and skidding equipment designed and operated in-house, with a combined capacity of 560 MT

# **Project Portfolio**

### **Engine Installation**

This project involved one of the biggest power plants in the world executed by our client.

Installation of the engines and generators demanded precision work.

dteq Transport Engineering Solutions was involved from the earliest planning stages.



## Largest Power Plant Project in the Caribbean

dteq supported the project with preliminary route surveys and site inspections, followed by detailed engineering and drawings for the road transportation and installation onto the foundation using a crane and jacking and skidding equipment.

#### >> Twenty-four Goldhofer THP/SL axle lines were mobilized to the Dominican Republic. <</p>

Final method statements were issued for all major components.

Transportation and installation were performed using in-house equipment. Twenty-four Goldhofer THP/SL axle lines were mobilized to the Dominican Republic, together with jacking and skidding equipment and multiple accessories, such as transport beams, steel plates, and stools. dteq supervised vessel discharging and transports from the port to the marshalling yard and the project location. Our team also managed a 25,000-squaremeter marshalling yard throughout the entire life cycle of the project.

Installation of the engines and generators demanded precision work—the cargo had to be placed in an exact position onto the foundation. Once delivered to the job site, the engines and generators were jacked down on the stools, then slowly lowered onto the skidding system and slid into their final position onto the foundation. Final alignment was done using the fine adjustment system. Because the process to connect the engines and generators was so sensitive, we knew we could not allow even a single discrepancy.

Our team worked closely with the client and helped to bolt the engines and generators together precisely as planned.



#### **Project facts**

- Cargo: 24 x 305 MT engines and 78 MT generators
- Scope of work: vessel discharge, road transportation and installation onto the foundation
- Location:
  Dominican Republic

info@dteq-solutions.com www.dteq-solutions.com

a company of the **deugro group**