With a population of nearly 7 million inhabitants, located on the shores of the Atlantic Ocean, Luanda is the capital and largest city of Angola. As a result of economic growth that the city is taking, 60 kV network is suffering congestions several times per day as consequence of peak energy demands.

According to the government’s energy generation plan, which is aimed at providing new infrastructure to the peripheral areas, the Angolan Ministry of Energy and Water (MINEA) has awarded Himoinsa, the construction of the power plant that will supply the pumping station of Zango IV in Cassaque, at the foot of the river Kwanza. The power plant will also be supplying electricity to the general grid.

**YEAR** » 2013

**CLIENT** » HIMOINSA

**LOCATION** » Cassaque - Luanda, Angola

**SOLUTION** » Substation for Pumping Station

**SEGMENT** » MV End User (E3U) – Water Industry

**THE CHALLENGE AND THE SOLUTION**

Short delivery time proposed by end customer to obtain the power plant fully in operation, it became the project in a challenging coordination process to manage. For that reason, while our equipments were being manufactured at Spain, Himoinsa began the works related with civil works in Angola.

Non-stop manufacturing process coordination was the key factor to reach the dates agreed. Ormazabal equipments were delivered to Himoinsa’s facility located at San Javier, Murcia (Spain) and the integration of the complete power plant solution was done in a very short time thanks to the combination of Ormazabal and Himoinsa “Plug & Play” philosophies.

After four months of intense work, the result was a complete turnkey modular power generation plant of 32,4 MVA in operation.

**CUSTOMER KEY BENEFITS**

- Modularity: Power plant is already prepared to change its location in case of necessity without losing it functionality
- Efficient electric power solutions with recognized experience
- Personalized on-site support and after-sale service

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