

ENERGY

anytime...

Complete solutions for power generation



Termo Rubiales Power Plant



Energy International Corp.

Enintco Ltda.

Phase I: 5 x 16PA6B continuous duty generator sets burning crude oil, manufactured by Pielstick SEMT in France.

Phase II: 4 x 18PC2-6/2V continuous duty generator sets burning crude oil, manufactured by Pielstick SEMT in France.

Meta, Colombia

Campo Rubiales Oilfield

Electric Power Generation for the Sale of Energy under a 7 year BOOMT Contract.

Phase I 22.5 MW net

Phase II 34 MW net

Total of 56.5 MW net

Owner:

EPC Contractor:

Main Equipment:

Location:

Application:

Technical Data:

Energy International offers integrated energy solutions with the highest quality engineering, procurement, project management and construction services in the industry.





Termo Rubiales, Colombia Phase II

Fuel:

The plant burns crude oil as the main fuel.

Main Equipment:

Phase I: 5 x 4.5 MW Pielstick reciprocating generator sets, all generating at 13.8 kV 60 Hz

Phase II: 4 x 8.5 MW Pielstick reciprocating generator sets, all generating at 13.8 kV 60 Hz

Distribution & Control:

Generating at 13.8 kV to the busbar with system of distribution at 34.5 kV.

Turnkey Contractor:

Enintco Ltda.

O&M Contractor/Term:

Energy International / June 2016.
BOOMT Contract.

Commenced Operations:

August 2009



Customer Benefits

Increased Quality and Reliability of Electric Power

With the construction of this new power generation plant, the customer is integrating all of its power generation assets at one site, as opposed to being disbursed over a large geographic area, at multiple wellheads, using many small diesel and natural gas generator sets. With this centralization, the Customer will increase both the quality and the reliability of its electric generation and distribution system.

More Cost Effective Power Solution

With the medium speed main engines, the Customer will reduce the cost to generate electric energy through the use of crude oil as a less expensive fuel, with more efficient engines (state of the art technology), and less costly to operate and maintain, measured on a cost per kW-hour generated.

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