

ENERGY

anytime...

Complete solutions for power generation



Termo Rubiales Power Plant Phase I & II



Energy International Corp.

Enintco Ltda.

Crude oil fired generator sets, manufactured by Pielstick SEMT in France.

Phase I: 5 x 16PA6B

Phase II: 4 x 18PC2-6V

Central Térmica Campo Rubiales, Block 2, Meta, Colombia.

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

Phase I 22.5 MW

Phase II 38 MW

Total of 60.5 MW

Owner:

EPC Contractor:

Main Equipment:

Location:

Application:

Technical Data:



Termo Rubiales, Colombia Phase I & II

Fuel:

Phase I: The plant burns a blend of diesel and crude oil.

Phase II: The plant burns crude oil.

Main Equipment:

Reciprocating engine 60 Hz generator sets:

Phase I: 5 x 4.5 MW.

Phase II: 4 x 8.5 MW

Distribution & Control:

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

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 well heads, 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 reduced costs to operate and maintain, measured on a cost per kW-hour generated.