

ENERGY

anytime...

Complete solutions for power generation



Termo Rubiales Power Plant

Owner:	 Energy International Corp.
EPC Contractor:	Enintco Ltda.
Main Equipment:	5 x 16PA6B continuous duty generator sets burning crude oil, manufactured by Pielstick SEMT in France.
Location:	Central Térmica Campo Rubiales, Block 2, Meta, Colombia.
Application:	Electric Power Generation for the Sale of Energy under a 7 year power purchase agreement. BOOMT Contract.
Technical Data:	22.5 MW



Termo Rubiales, Colombia Phase I

Fuel:

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

Main Equipment:

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

Distribution & Control:

Switchgear generation at 13.8 kV and control system of 34.5 kV. SCADA control and monitoring.

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.