



ENERGY

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Complete solutions for power generation



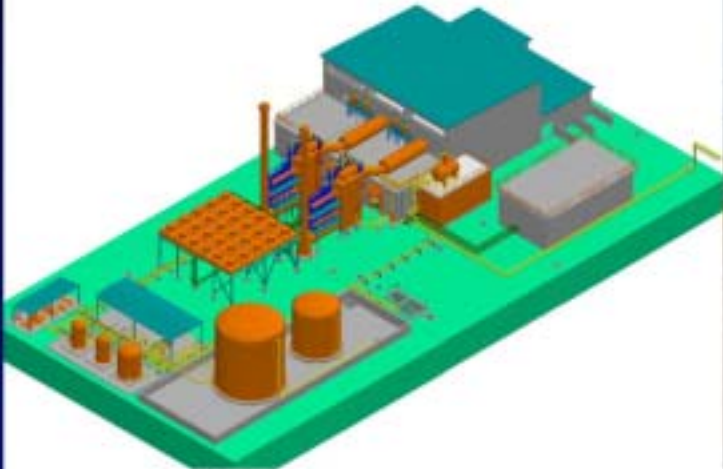
Project Data Sheet - Elcatex I

Owner: Elcatex S.A. de C.V.
Contractor: Energy International, Inc.

Engines: Caterpillar® model 16CM32C manufactured in Kiel, Germany
Location: Choloma, San Pedro Sula, Honduras
Application: Cogeneration power plant for textile mill and energy sales
Technical Data: Mechanical output: 2 x 7,680 kW
Gross steam output: 2 x 3,050 kg/h @ 12 bar, saturated
Chilled water output: 2 x 500 TR-R @ 44/54° F

Energy International, Inc. / HMV
1983 NW 88th Court, Suite 304, Miami, FL 33172 - USA Tel.: (305) 593-5085 Fax: (305) 715-7308
MSEPDS0007-5-04en www.enint.com / www.h-mv.com

Elcatex Design Concept



- Fuel: Heavy fuel oil - 500 cst @ 50° C
- Generator: 3 phase synchronous generator
2 x 9,081 kVA, 13.8 kV, 60 Hertz
- Distribution & Control: 13.8 kV Switchgear, 440 V MCC, control and monitoring system (SCADA)
- Turnkey Responsibility: Energy International, Inc.
- Erection/Civil Works: Energy International, Inc.
- Initiation of Operations: June 7th, 2004
- Operation & Maintenance: Energy International, Inc.
- Client Benefits:
- Increased power quality and reliability
With the help of Energy International, Elcatex installed generator sets to produce and control its own power supply.
 - Cost effective power
Cogeneration allowed for cheaper power production per kilowatt hour, enabling Elcatex to produce energy in a more cost effective way.
 - Selling extra capacity back to other industries
Because Elcatex is located in an industrial zone with an unreliable power grid, it was able to sell its excess capacity back to other industries.
 - Elcatex has become an Independent Power Producer (IPP)
Elcatex's power generation is so reliable and cost effective that it has become an Independent Power Producer. Power generation has become one of its most profitable services.