


# ENERGY

## anytime...

**Complete solutions for power generation**



**Owner:**  Elcatex Power Plant  
**Contractor:** Energy International Corp.  
**Engines:** 2 x Cat® 16CM32 manufactured in Kiel, Germany  
**Location:** Choloma, Cortés, Honduras  
**Application:** Cogeneration power plant for textile mill and for the sale of energy.  
**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



 **Elcatex I****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

**Commenced Operations:**

June 7, 2004

**Operation & Maintenance:**

Energy International 5 year contract



## Customer 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**

Use of cogeneration technology permits more efficient power production per kilowatt hour, enabling Elcatex to produce energy in a more cost effective way.

**Elcatex has become an Independent Power Producer (IPP)**

Elcatex's new cogeneration plant produces energy with cost efficiency which allows Elcatex to become an IPP and supplement the demand for energy to other industries. Therefore, Elcatex is able to sell its excess power capacity back to other industries.