



# ENERGY

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**Complete solutions for power generation**



## Project Data Sheet - Textufil IV

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

Engines: Caterpillar® model 9CM43 manufactured in Rostock, Germany  
Location: Soyapango, El Salvador  
Application: Cogeneration for industrial consumer and energy sales  
Technical Data: Mechanical output: 2 x 8,100 kW  
Thermal oil heating: 2 x 1,210 kW

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

MSEPDS0006-8-03en



Fuel:	Heavy fuel oil - 480 cSt @ 50°C
Generator:	3 phase synchronous generator 9,370 kVA, 13.8 kV, 60 Hertz
Distribution & Control:	23 kV Switchgear, 440 V MCC, control and monitoring system (SCADA)
Waste Heat Boilers:	Thermal oil boilers, 2 x 1,210 kW / 208°C to 250°C
Turnkey Responsibility:	Energy International Inc.
Erection/Civil Works:	HMV / Energy International Inc.
Initiation of Operations:	August 14, 2003
Operation & Maintenance:	Energy International Inc. - Seven year contract
Client Benefits:	<p>Increased power quality and reliability Power from the existing grid was unreliable. With the help of Energy International, Textufil installed generator sets to produce and control its own power supply.</p> <p>Cost effective power Cogeneration allowed for cheaper power production per kilowatt hour, enabling Textufil to produce energy in a more cost effective way.</p> <p>Selling extra capacity back to the grid Because Textufil is located in an industrial zone with an unreliable power grid, it was able to sell its excess capacity back to the grid.</p> <p>Textufil has become an Independent Power Producer (IPP) Textufil'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.</p>