


ENERGY

anytime...

Complete solutions for power generation



Owner:	 Textufil S.A. de C.V.
Contractor:	Energy International Corp.
Engines:	2 x Cat® 9CM32 and 3 x Cat® 16CM32 manufactured in Kiel, Germany
Location:	Soyapango, San Salvador, 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 This is the fourth phase of of Textufil, with a total of 43.4 MWe.



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Textufil IV

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,
SCADA control and monitoring

Waste Heat Boilers:

Thermal boilers, 2 x 1,210 kW/208°C
to 250°C

Turnkey Responsibility:

Energy International

Erection/Civil Works:

Energy International, HMV

Initiation of Operations:

September 2003

Operation & Maintenance:

Ten year O&M contract with
Energy International.



Customer Benefits

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.

Cost effective power

Cogeneration allowed for a more efficient power production per kilowatt hour, enabling Textufil to produce energy in a more cost effective way.

Textufil has become an Independent Power Producer (IPP)

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. Textufil's power generation is so reliable and cost effective that it has become an Independent Power Producer, enabling it to become one of its most profitable services.

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