



ENERGY

...anytime

Complete solutions for power generation



Project Data Sheet - Textufil I, II & III

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

Engines: Caterpillar® 2 x 8CM32 and 3 x 16CM32 manufactured in Kiel, Germany
Location: Soyapango, El Salvador
Application: Cogeneration for industrial consumer and energy sales
Technical Data: Mechanical output: 2 x 3,500 kW and 3 x 7,680 kW
Steam heating: 14,000 kg/h @ 9 Bars
Chilled water: 760 TR/h

Energy International, Inc. / HMV
1983 NW 88th Court, Suite 304, Miami, FL 33172 - USA Tel.: (305) 593-5085 Fax: (305) 715-7308
MSEPDS0003-15-04en www.enint.com / www.h-mv.com



Fuel:	Heavy fuel oil - 480 cSt @ 50°C
Generator:	3 phase synchronous generator 2 x 4,375 kVA and 3 x 9,600 kVA, 13.8 kV, 60 Hertz
Distribution & Control:	23 kV Switchgear, 440 V MCC, SCADA control and monitoring
Waste Heat Boilers:	Steam boilers, 14,000 kg/h @ 9 Bars
Chilled Water:	Chillers 760 TR/h
Turnkey Responsibility:	Energy International Inc.
Erection/Civil Works:	HMV / Energy International Inc.
Initiation of Operations:	Phase I 7 MW March, 1999 Phase II 14 MW December, 2000 Phase III 7MW January, 2002
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>

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