



ENERGY

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Project Data Sheet - Monte Rio - Cat® Heavy Fuel Oil Power Plant

Owner: Monte Rio Power Corporation, Ltd.
Contractor: Energy International, Inc. - HMV Engineers

Engines: Caterpillar® model 9CM43 manufactured in Rostock, Germany
Location: Azua, Dominican Republic
Application: Power plant to public utility
Technical Data: Mechanical output 13 x 8,100 kW
Steam production 13 x 373 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

MSEPDS0001-7-03en



Fuel:	Heavy fuel oil - 700 cSt at 50°C
Generator:	3 phase synchronous generator 9,758 kVA, 13.8 kV, 60 Hertz
Switchyard:	138 kV double bus bar substation, 3 transformers 47/70 MVA ONAN/ONAF, 13.2/138 kV, 2 line bays, control and monitoring
Switchgear:	13.2 kV Switchgear, MCC 480 V, control and monitoring system (SCADA)
Waste Heat Boilers:	Exhaust gas fired steam boilers 7,493 kg/h (4,849 kW) at 8 bar(g)
Turnkey Responsibility:	HMV Engineers, Cat International Power Systems, and SEG/AvK
Erection, Civil Works:	HMV/Energy International
Initiation of Operation:	April 2003
Operation & Maintenance:	Energy International - ten year contract with option to extend to fifteen years
Client Benefits:	<p>New highly available power source Prior to the construction of the Monte Rio Power Plant there was no reliable energy source in the Azua region. Now there is affordable and reliable energy for the entire community. The power plant provides power to schools and 125,000 homes and businesses.</p> <p>Environmentally safe source of power The Caterpillar® 9CM43 provides state of the art environmentally safe power production.</p>