

## **POWER PROJECTS**

## HILLMAN FLARE GAS POWER PLANT LEAMINGTON, ONTARIO





Commissioned: October 1998
Power: 1.6-MW Electrical Capacity

Toromont Cat Power Systems acquired the rights to utilize flare gas from Pembina Resources' Hillman oil and gas field site (now owned by Talisman Energy Canada) in 1997. Prior to the completion of this project, the waste gas from the field was flared to the atmosphere. In an effort to improve environmental emissions, Toromont agreed to design, construct and operate a power plant operating on the residual gas. The plant consists of two Caterpillar G3516 both rated at 820 kW reciprocating engine-generator sets, control panels, gas handling systems, heat rejection radiators, remote control and monitoring (SCADA).

Toromont was required to provide design services for the electrical installation of the power generation equipment. In addition, the demolition of old equipment, civil modifications, project management and construction management and supervision.

A 20 year contract was put in place to sell power to the Ontario Electricity Financial Corporation (OEFC).

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