



Biothermica

**LANDFILL GAS UTILIZATION  
SAMPLE PROJECTS**

## Gazmont

<b>Location</b>	<b>Montreal</b>
Country	Canada
Description of Contract/	<u>Design, supervision of construction and operation</u> of the Gazmont landfill gas power plant (25 MW) and various tasks related to the optimization of the LFG and power plant systems
Waste quantity that has been accepted	36 000 000 tons (MSW), closed landfill
Role in project	
<ul style="list-style-type: none"> <li>• Detailed design of landfill gas power plant</li> <li>• Preparation of technical specifications for construction</li> <li>• Supervision of construction of landfill gas power plant</li> <li>• Commissioning of landfill gas power plant</li> <li>• Operation of landfill gas power plant</li> <li>• Landfill gas optimisation</li> <li>• Modifications to the boiler for oil injection</li> </ul>	
Power plant capacity: 25 MW	
Two meters allow real-time tracking of the electric generation output at the Gazmont landfill gas power plant	
Date of contract commencement	1996
Date of contract termination	–

### Gazmont Power Plant



## Lachenaie

Location	Lachenaie
Country	Canada
Description of Contract/	<u>Design</u> and <u>supervision of construction</u> of landfill gas power plant (diesel cycle, 4MW)
Waste quantity that has been accepted (2008)	13 000 000 tons (MSW)

Role in project:

- Detailed design of landfill gas power plant
- Preparation of technical specifications for construction
- Supervision of construction of landfill gas power plant
- Commissioning of landfill gas power plant

Power plant capacity: 4 MW

Date of contract commencement	1995
Date of contract termination	1998

## Lachenaie Power Plant

