

# POWER PROJECTS



## SUDBURY LANDFILL GAS TO ENERGY PROJECT SUDBURY, ONTARIO



**Owner: Greater Sudbury Utilities**  
**Duration: Fall of 2006 to Spring of 2007**

Greater Sudbury Utilities contracted Toromont Cat Power Systems to undertake a turnkey project to utilize available landfill gas from the Sudbury Landfill in the City of Sudbury for the purposes of electricity generation.

The project involved the installation of one modular Caterpillar G3520C 1.6 MW generator set; landfill gas conditioning module; electrical module; and electrical switchgear. Civil work included excavation, granular placement and grading for the equipment compound area. Mechanical work included the installation of above ground landfill gas piping and supports as well as the rigging and complete mechanical installation of all equipment. Electrical work included the installation of electrical equipment, instruments as well as power and control wiring to support the export of electrical power.

Greater Sudbury Utilities has an agreement with Toromont to operate and maintain the landfill gas generation plant for a 20 year term matching that of the Provincial Standard Offer Agreement between Greater Sudbury Utilities and the Ontario Power Authority. Toromont is excited to be a part of Sudbury's greener future and this project demonstrates our commitment to help develop new renewable resources of electricity generation in Ontario.

General Inquiries: [powersystems@toromont.com](mailto:powersystems@toromont.com)

Website: [www.toromontpowersystems.com](http://www.toromontpowersystems.com)

1-877-CAT POWER

