

Enerflex in action

Montréal, Quebec, Canada

4.8 MW integrated turnkey (ITK) renewable energy solution for landfill power

ITK power generation solution turns odor, pollution, and waste into power and heating for an entire Montreal neighborhood.

Enerflex provided our customer with a complete integrated turnkey solution for converting the landfill gas from the decommissioned Carrière Miron landfill, owned by the City of Montreal, into 4.8 MW of renewable electricity sold to Hydro-Quebec and 5.1 MW of heat sold to Cirque du Soleil headquarters and TOHU Circus stadium. The solution included three Jenbacher JMS612 state-of-the-art gensets installed in ultra-low noise acoustic enclosures. The project also included gas dehumidification and siloxanes removal.



Outcome

Enerflex engineered, supplied, installed, and commissioned an integrated turnkey solution for the client, and is today providing full life-cycle maintenance of the plant. What used to be a source of odor and pollution is now powering and heating an entire Montreal neighborhood.