



LILLIAN PARK

Sector	Mixed-use, New Construction
Energy Conservation Measures Implemented	Geothermal/Ground Source Heat Pump
Annual Cost Savings	\$36,000 operational cost savings
Owner	Shiplake Properties
Solution Provider	Diverso Energy
Location	44 Lillian St, Toronto, ON M4S 0B7
No. of Units/Floors/Square Footage	600 units, 26-story, 500,000 sq ft

Project Background

For commercial and multifamily buildings, the third-party utility model provides a low-risk heating and cooling solution for real estate developers. Diverso Energy, an Ontario-based geothermal utility company uses such a model; it designs, builds, pays for, owns, and operates the geothermal system. One of their projects is the installation of a geothermal system in Lillian Park, a 26-story, 600-unit property 500,000 sq ft in size which opened in 2020.

Project Highlights

The project has net construction savings of \$250,000 since the need for HVAC equipment such as cooling towers and boilers is eliminated. In addition, the geothermal system leads to operational cost savings of \$36,000 from Year 1, based on Diverso's financial projections. Over a 30-year period, the system will result in net savings of \$4.4 million.

