

Summary

Frontenac Community Mental Health Services' first new housing development in 35 years features renewable solutions such as solar and geothermal heating solutions.



Frontenac Community Mental Health Services

About Ameresco

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Frontenac Community Mental Health Services (FCMHS) is a non-profit private corporation which offers a continuum of services in Frontenac County for people with a serious mental health illness and/or addictions concerns. It was established in 1976 and has grown steadily over the years from primarily an affordable housing program to a full service agency.

Thirty-one Lyons Street in Kingston, Ontario is FCMHS' first new housing development in 35 years. The construction of this facility as their first new multi-unit facility represented a significant milestone in the organization's growth and in its ability to serve the community. This facility is the first of three phases scheduled for the site.

Project Highlights

- ▶ Project Value: \$6.6 million
- ▶ Total Square Metres: 3,300
- ▶ Contract Type: Cost Plus
- ▶ Number of Suites: 43 (bachelor, one and two bedrooms)

Project Benefits

- ▶ Sustainable features allow facility to operate at about 60% of that of a similar building.

Project Features

- ▶ Light frame steel structure with a gypcrete floor topping
- ▶ Geothermal heating & cooling heat pump system with hybrid-type suite heat pump design
- ▶ Energy recovery ventilation system
- ▶ Solar domestic hot water
- ▶ Two hydraulic elevators, common room and laundry room
- ▶ Scope of work included new municipal road with services in conformance with City of Kingston standards
- ▶ Surface parking and outdoor landscaped areas
- ▶ Bicycle storage structure

Project Schedule

Phase one implementation began in October 2009 and was completed in January 2011.