



## Toronto Community Housing Corporation



Architects: **N/A**

Consultants: **Lattice Engineering Inc.**

### Ameresco Partnership -

#### Toronto Community Housing Corporation:

Toronto Community Housing is the largest social housing provider in Canada and the second largest in North America. It is home to about 164,000 low and moderate-income tenants in 58,500 households, including seniors, families, singles, refugees, recent immigrants to Canada and people with special needs.

TCHC tenants come from diverse backgrounds. This diversity includes age, education, language, sexual orientation, mental and physical disability, religion, ethnicity and race as well as increasing diversity in lifestyles and values.

### Project Highlights:

- Domestic hot water (DHW) is controlled by boilers and tank sensors
- Wireless routers and bridge to communicate with the Jace. These are often separated by multiple floors or across separate buildings
- 400-650 meter trends collected at different intervals over several locations. Trending-specific including hourly, monthly and yearly. Usually ModBUS.

### Project Details:

- 15 buildings across Toronto are retrofitted with the latest in Control equipment
- Boiler loops controlled. Boilers are modulated or staged.
- Make-up air units (MUAs) consist of both variable and constant air flow systems
- Each building has several exhaust fans (EFs)
- Metering for Gas, Water, and Hydro consumption
- Touchscreen displays were designed for customer's LCD panels

TCHC portfolio includes more than 2,240 high, medium and low-rise and apartment buildings throughout the city.



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