

City of Barrie, ON

KEEPING FACILITIES STAFF

INFORMED AND ENGAGED

Barrie

In 2018, the City of Barrie spent **\$9 million on utilities.**

To mitigate these costs, the city's Energy Management Branch is mandated to reduce energy and water consumption for all City operations through conservation initiatives.

The city uses EnergyCAP for utility bill management, processing and review:

BILL IMPORT

For years, the city tracked utility bills by manually entering data into spreadsheets. Entering 400+ bills would normally take a few hours, which was a "nightmare scenario." There were data errors and no ability to do any reporting or analysis.

Now, the city can quickly and easily import electronic files into EnergyCAP and have multiple bills audited and flagged for errors.



BILL AUDITS

The imported bills are then audited for use and demand by running a report. The Bill Analysis report examines if there were any swings in consumption that point to operational changes within any buildings.

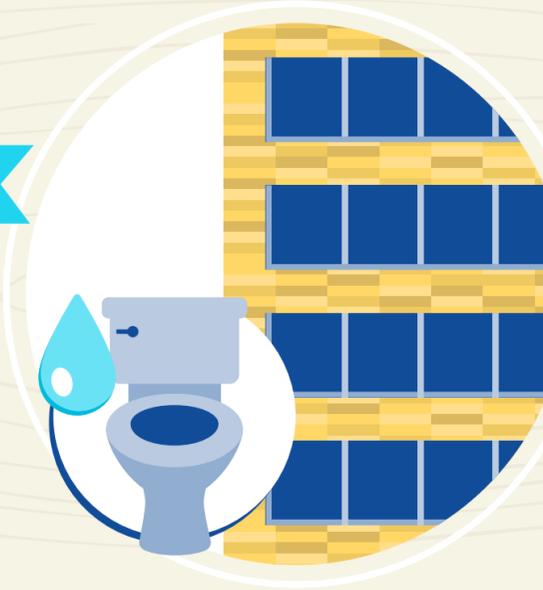
This presents a good opportunity for the energy manager to reach out to a facility supervisor and say "We're seeing a trend here—what's going on?"



CALENDARIZED DATA

Calendarized data has been particularly useful in seeing usage trends and has helped the city save thousands of dollars.

This functionality helped the city detect a running toilet in an unoccupied building that was wasting 40–50 cubic meters (about 13,000 U.S. gallons) of water per month.



BUDGETING

EnergyCAP's budgeting reports help demonstrate to facility supervisors the difference between their consumption and what was budgeted.

This is a great tool to engage facility operators by demonstrating what they are controlling and what that impact has.



The Energy Management Branch has successfully achieved:

20%

electricity reduction at **Water Treatment Facilities**

16%

energy reduction at **City Hall**

10%

electricity reduction at **East Bayfield Community Centre**

The City was awarded by the Mayor's Megawatt Challenge Program

for achieving energy consumption goals at City Hall and East Bayfield Community Center.

Since the inception of the energy management branch, the City has realized a cost avoidance of

\$6.64 MILLION