



Green Directions Vaughan, approved in 2009, is the City's Community Sustainability and Environmental Master Plan. This long-term plan is designed to guide the community to a more sustainable future by addressing environmental, cultural, social and economic issues. It influences all aspects of the City's operational and regulatory activities including the implementation of energy conservation improvements, such as LED streetlight and walkway lighting conversion, asset (e.g. heat pump, roof) replacement, retrofit to energy-efficient lighting at City facilities, and community-based initiatives such as community gardens and Smart Commute programs. To continue to cultivate an environmentally sustainable city, the Community Sustainability and Environmental Master Plan will be updated to reflect the next iteration of Green Directions Vaughan with new actions and indicators to further measure the progress towards achieving a sustainable environment, vibrant community and strong economy.

Continue to Cultivate An Environmentally Sustainable City



LEGEND: ✓ Completed ● On Track ▲ Issue Identified ● On Hold/Not Started

STATUS	ACTIVITIES
●	Energy-Saving Initiatives in City Facilities
●	Green Directions Vaughan Review
●	LED Streetlight Retrofit Project
●	Wastewater Program Efficiency Improvement Strategy
●	Water Program Efficiency Improvement Strategy

KEY ACCOMPLISHMENTS

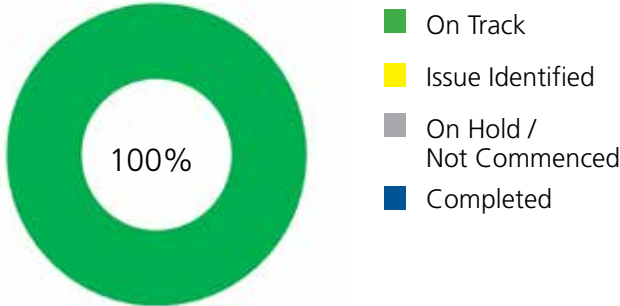
- Council approval received for new Water Meter replacement contract
- Energy-saving LED upgrades completed for North Thornhill Community Centre and the Woodbridge Pool and Memorial Arena

ISSUES

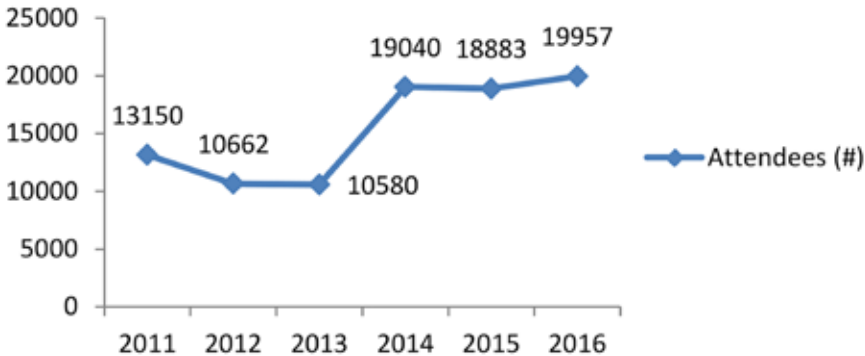
- None

Key Performance Measures

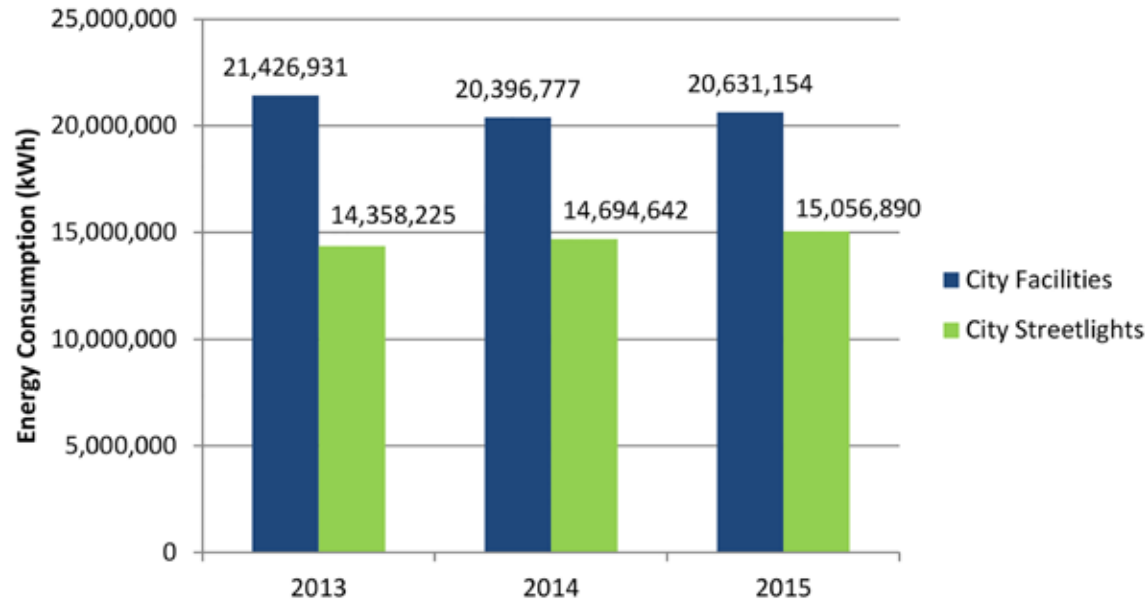
Activity Status:



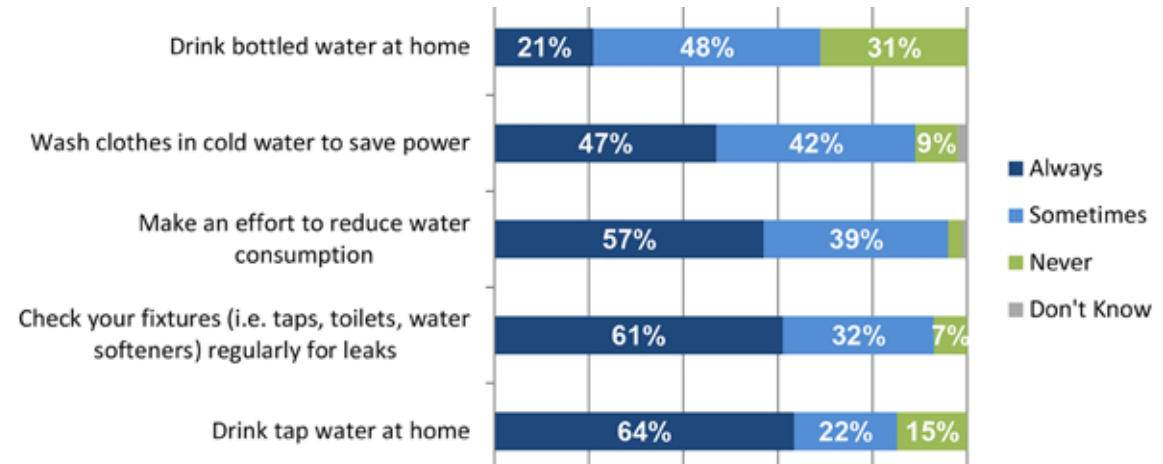
Attendees At Environmental Public Outreach Events



City Energy Consumption



Frequency of Energy-Saving Behaviour



HOW IS THE CITY DOING?

All the activities supporting this priority continue to be on track.

Energy consumption at City facilities and across the City's inventory of streetlights has remained relatively consistent since 2013, reflecting the minimal change in the number of City facilities and the modest growth in the number of streetlights. Energy-efficient LED lighting retrofits to municipal facilities and City streetlights which commenced in 2016 are expected to have a positive impact on municipal energy consumption and will be reflected in consumption data beginning with the 2016 Fiscal Year.

The number of attendees at environmental outreach events held by the City reflect a growing rate of participation and engagement in a range of community sustainability signature events including Earth Hour Vaughan, 20 Minute Makeover and Environmental Days. Community engagement is a vital part of Green Directions Vaughan and as the City moves toward renewing the plan, a more comprehensive communication, marketing and engagement strategy will be developed to continue to drive increased attendance at environmental events. Since 2013, the number of attendees has increased by 9,377 attendees.

During the 2016 Citizen Satisfaction Survey, residents were asked about the frequency of engaging in specific energy-saving behaviours. The majority of residents are always engaging in most of the positive behaviours. About six in 10 indicate that they always drink tap water at home (64 per cent), check their fixtures (61 per cent) and make an effort to reduce water consumption (57 per cent). About half (47 per cent) always wash clothes in cold water to save power. The Citizen Survey indicated that 21 per cent always drink bottled water at home and another half (48 per cent) sometimes drink bottled water at home, while 31 per cent never do this.

