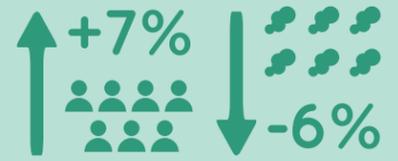


ENERGY ACTION IN RICHMOND

The City of Richmond is committed to making our community a healthy and vibrant place to live, learn, work, and play. To achieve this, Richmond's 2041 Official Community Plan (OCP) commits the City to reduce greenhouse gas (GHG) emissions by 33% by 2020, and 80% by 2050, below 2007 levels. The City's Community Energy and Emissions Plan (CEEP) defines strategies and actions organized around the five themes below to help realize these targets.

How are we doing overall?

City's population increased by 7% but overall GHG emissions decreased by 6% over the same time period.



Neighbourhoods and Buildings



The City is implementing the West Cambie and Hamilton Area Plans as **complete, compact** and **affordable** neighbourhoods.

Sustainable Infrastructure and Resources

At full build out, the Oval Village and Alexandra District Energy Utilities will reduce **6,000 tonnes** of GHG emissions annually, equivalent to removing **2,000 cars** from the road each year.

In 2015, the City achieved **74%** waste diversion from single-family homes.

Alexandra District Energy Utility won the International District Energy Association's **System of the Year** award in 2016.

District Energy in Richmond provides energy to almost **2 million** sq. ft. of buildings.

Resilient Economy

Between 2007 and 2014, Richmond residents cut electricity use by **10.3%** and natural gas by **12.3%**, saving an estimated **\$12.8 million** on energy bills annually.

In its first year, participants in the Building Energy Challenge reduced GHG emissions by **12%**

450 tonnes of carbon and **\$220,000** saved annually through the Water Savings Pilot Program.

Climate Action Leadership

Over **8000** Richmond students engaged on climate action.

For the **third year straight**, Richmond achieved carbon neutrality in 2015.

In 2016 the City became the first municipality to receive a **Platinum Rating** from E3 Fleet.

The City has achieved **48%** reduction in GHG emissions from City owned buildings.

City Council has further endorsed a new target of **65%** from 2007 levels by 2020.

Mobility and Access

71 kilometres of bike routes.

692 Richmond riders registered through the City funded online portal for Bike to Work Week in 2016, riding a total distance of 84,000 km, thereby avoiding 18.2 tonnes of GHGs.

96 special crosswalks to support walking and access to transit.

Questions, comments, get involved!

www.richmond.ca | www.energy.richmond.ca | www.luluislandenergy.ca