



HAMILTON CLIMATE CHANGE ACTIONS 2016

PUBLIC HEALTH SERVICES

AIR QUALITY & CLIMATE CHANGE

TREVOR IMHOFF, COORDINATOR

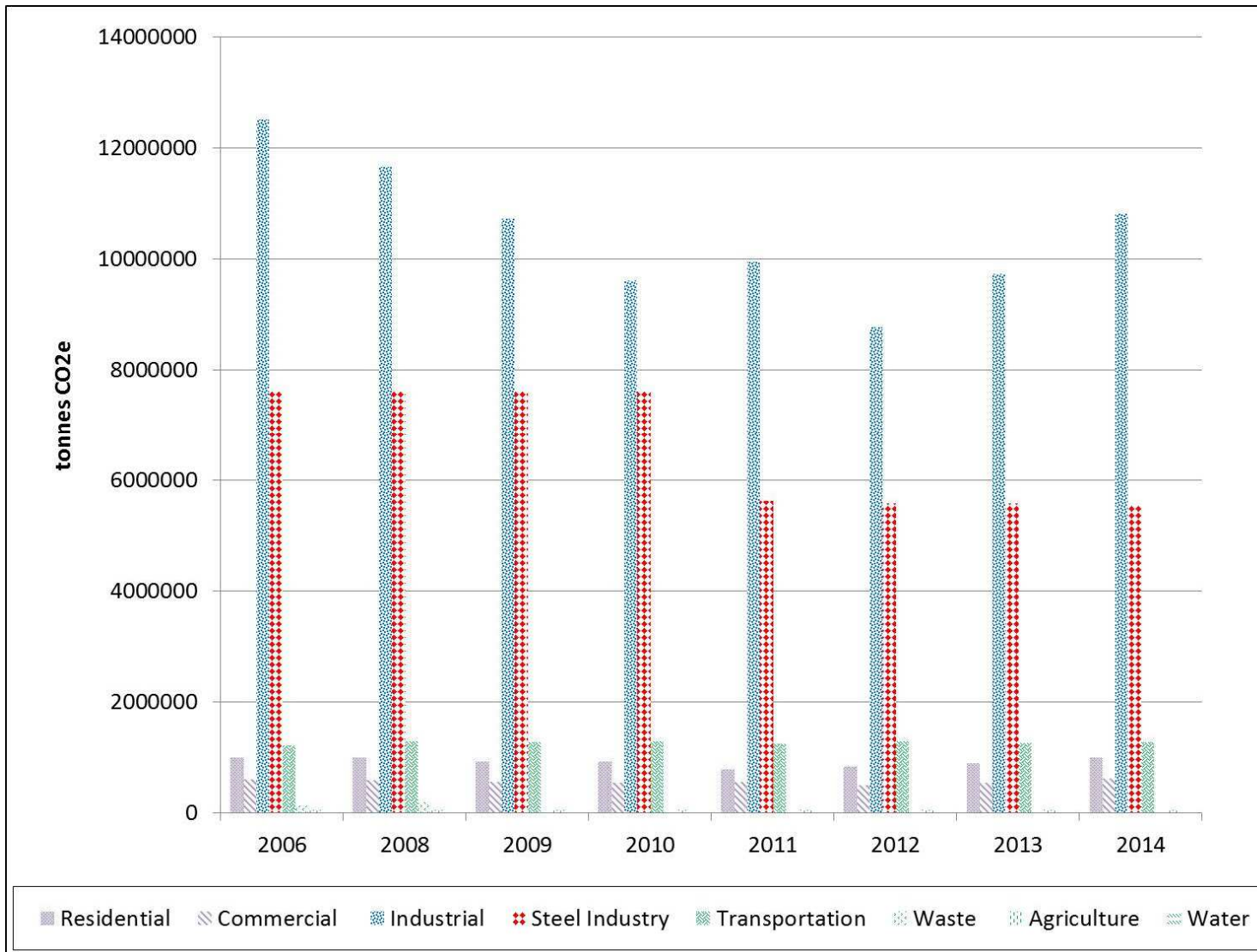
BRIAN MONTGOMERY, SENIOR PROJECT MANAGER

BACKGROUND/COUNCIL DIRECTION

- Hamilton Climate Change Action Charter (PED11150)
- Signatory of the Compact of Mayors
- Community Climate Action Plan (BOH15025)
- Council approved motion:
 - Community Climate Change Action Plan Implementation team (06/22/2016)



HAMILTON'S GREENHOUSE GAS TRENDS



October 17, 2016
BOH 16019

POTENTIAL EXTERNAL FACTORS

Figure 1: Mean Winter Temperatures

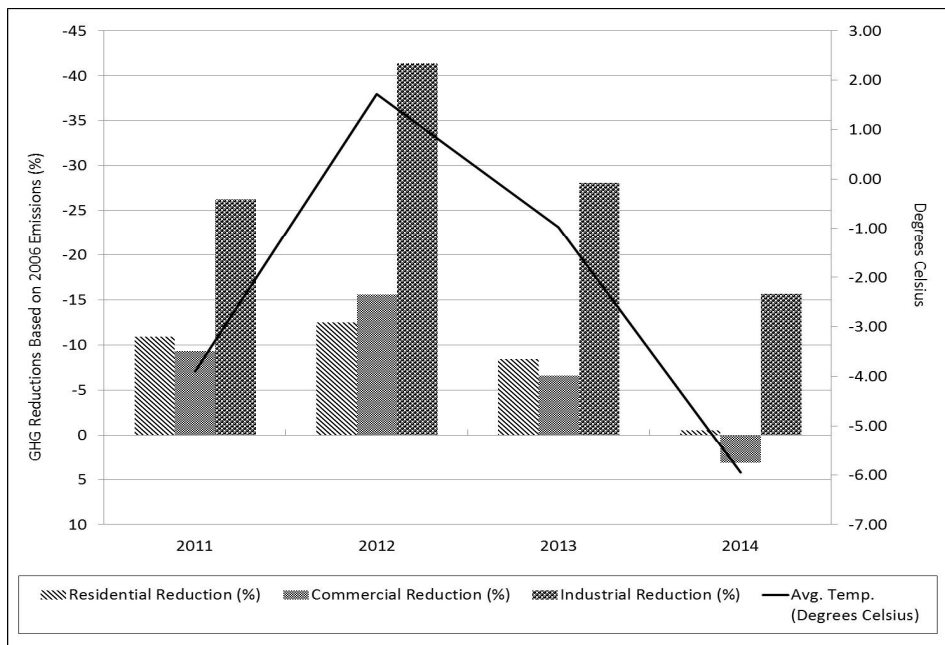


Figure 2: Utility Company's Customer Base 2006 and 2014 Comparison by Sector

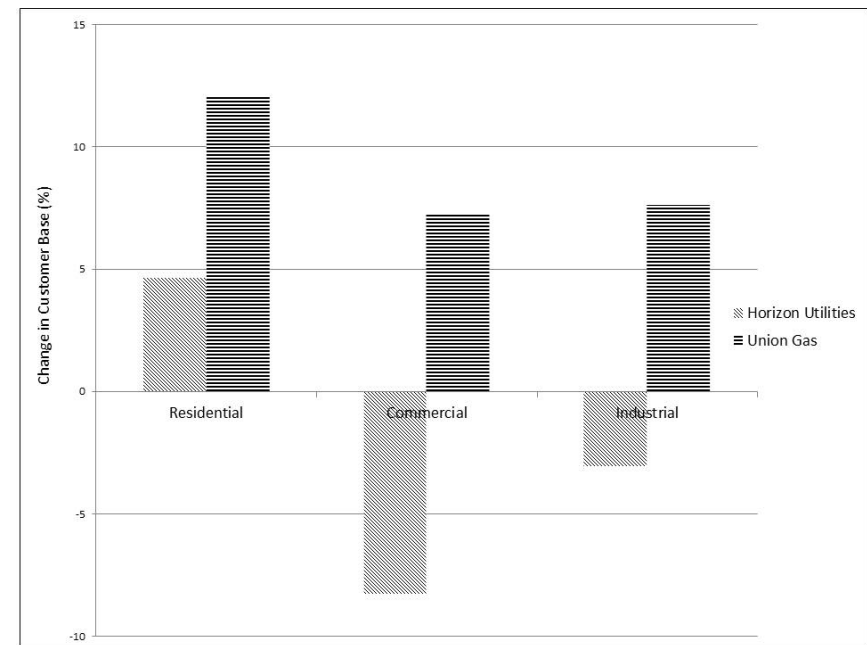


Table 1: GHG Reductions for 2012, 2013 and 2014

Year	2012	2013	2014
Commercial Energy Reduction	19.5%	9.2%	+3.2%
Industrial Energy Reduction	42.6%	28.7%	15.7%
Residential Energy Reduction	20.29%	12.4%	0.5%

CLIMATE PROJECTIONS & RISK ADAPTATION

Climate Projections for Hamilton:

- Increase Precipitation
- Increase in Severe Storms
 - Microbursts of precipitation
 - Ice Storms
 - Wind Storms
- Increase # of heat days
- Drought

**City of Hamilton identifying Corporate Risk through ICLEI
Canada's Building Adaptive and Resilient Cities (BARC) program.**

Milestone 2 Award received September 2016 in Halifax, NS.

COMMUNITY CLIMATE CHANGE IMPLEMENTATION TEAM

Council Approved Motion:

“That staff be directed to develop a governance model similar to the Bay Area Restoration Council and the Bay Area Implementation Team, in collaboration with staff from the Federal and Provincial offices of the Ministries of Environment and Climate Change, and report back to the Board of Health;”

Governance model proposed with City of Burlington

Substantial amount of funding becoming available via
Ontario’s Climate Action Plan and Cap & Trade

City staff to meet with senior staff from the Ontario Ministry
of the Environment and Climate Change