

Burlington  Green



CITIZENS FOR A
GREENER
COMMUNITY

TOGETHER WE MAKE A DIFFERENCE!



BURLINGTON COMMUNITY ENERGY PLAN

TOGETHER WE MAKE A DIFFERENCE!



**BurlingtonGreen fully supports the City's
initiative to develop and implement a
Community Energy Plan**

TOGETHER WE MAKE A DIFFERENCE!

Strengths of the CEP:

1. Detailed goals, objectives and actions
2. A start at setting targets and providing data for measurement of progress and informing further work
3. A strong governance model to drive implementation of the plan – this is a good use of those who built the plan

Areas for Improvement:

1. The CEP is a dense/technical document – the community will need an inspirational/plain language version to spur engagement and action
2. The targets are very modest and hard to understand – but appear consistent with other cities of 1 to 2% a year energy reduction
3. Comparison to a “do nothing” or “business as usual” alternative scenario would help because the plan relies on mostly existing government requirements not new initiatives

4. GHG emission targets need improvement.

Our research indicates that transportation is the largest component (62%) of the plan's energy reductions and the greatest polluter.

To reduce pollution, use of electricity is key because the grid is cleaner than natural gas, gasoline, propane, oil and diesel fuel.

5. Task groups will likely need significant input from local residents and public groups. BurlingtonGreen is looking forward to helping contribute to all groups.

- **Group #1 Energy Generation** – renewable energy targets
- **Group #2 Built Form & Energy Efficiency** – reduce pollution from natural gas home heating
- **Group #3 Community Engagement** – awareness through new web site
- **Group #4 Liaison with OP and Transportation Master Plan Projects** - transportation initiatives like electric vehicles and public transit

Most changes occur in the first few years and then normal economics of vehicle purchases run their course.

The total energy reductions are 1.3% per year reduction (26% over 20 years) and dropped from Draft plan of 44%.

What are other cities doing?

Guelph – 1.5% per year with higher starting point than Burlington

Victoria – 3 options from 0% to 1.6% per year for 5 years

Halifax – not given, only GHG options

London – 1 to 1.5% per year for 10 years

Toronto – about 1.8%

Research underway for the greenest US cities:

Chicago – about 1% from 1990 to 2030

Austin

Holland, MI

Loudoun/Arlington, VA

Portland


San Francisco/Oakland

TOGETHER WE MAKE A DIFFERENCE!

- **Transportation. 62% of the total reduction.**
- **10% of vehicles will be replaced annually with new ones complying with Federal fuel and emission standards**
- **Number of vehicles per capita –no change over 20 years**
- **Distances driven – no change over 20 years**
- **Type of vehicles – no change over 20 years**
- **Reduction cannot be achieved without increase in public transit use**

In summary, please:

1. Approve and support the implementation of the Community Energy Plan
2. Ensure the Steering and Stakeholder Advisory Committees and their task groups continuously monitor, measure and improve the CEP
3. Promote the CEP at every opportunity and continue to be an energy transformation leader

A large, vibrant green leaf is shown in the upper half of the image, set against a background of a clear blue sky with soft, white clouds. The leaf's veins are clearly visible, and it appears to be part of a larger plant.

Thank you to Mayor Goldring for his crucial support early on for a CEP

BurlingtonGreen committee members welcome the opportunity to meet with Councillors to discuss the plan

Burlington  **Green**



Thank you

TOGETHER WE MAKE A DIFFERENCE!

Burlington  Green



TOGETHER WE MAKE A DIFFERENCE!