



# BRAMPTON'S COMMUNITY ENERGY & EMISSIONS REDUCTION PLAN

## Securing Our Future

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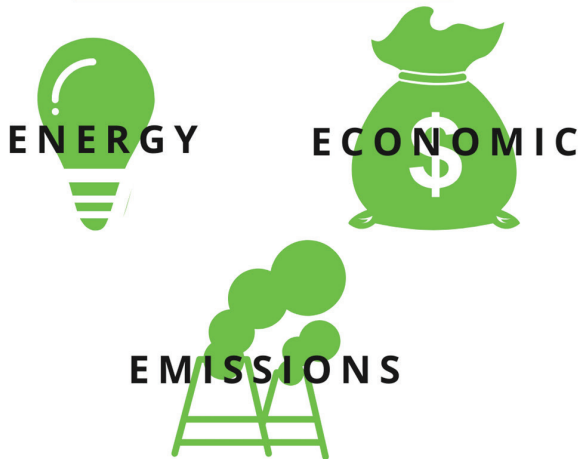
- Brampton's Community Energy and Emissions Reduction Plan is an evidence-based approach achieving the City's environmental and climate change responsibilities along with economic and social benefits.
- The three CEERP Goals endorsed and recommended by the Community Task Force:
  - Reduce community-wide energy end use by at least 50% from 2016 levels by 2041.
  - Reduce community-wide emissions by 50% from 2016 levels by 2041, and to establish a pathway to reduce emissions by at least 80% in 2050 to meet or exceed federal and provincial targets.
  - Retain at least \$26 billion in cumulative energy costs within the community by 2041.
- Brampton will reach the three CEERP Goals through seven strategic directions:
  - Green Communities – mixed use and diverse housing choices
  - Transportation Efficiency – pedestrian, cycling, and transit investments
  - Home and Building Efficiency – near net carbon buildings and deep energy retrofits
  - Local Energy Supply and Distribution – solar panels, heat pumps, district energy
  - Industrial Efficiency – Circular economy, collaboration
  - Green Infrastructure – 1 million trees and green roofs
  - Community Engagement and Monitoring – community leadership, community action
- Work on six priority projects, critical achievements in the next five years, has already started:
  - Align City policies and programs to support the CEERP targets – OP Update
  - Establish a Standardized Home Retrofit Program – Feasibility Study
  - Update the Transportation Master Plan – RFP released
  - Integrate District Energy Systems into City and Town Centres – Shoppers World and Heritage Heights
  - Develop Integrated Energy Master Plans – Rio Can, South Fletchers, Earnscliffe
  - Establish a Community Organization – CCET, Community Task Force

To achieve our energy and emission goals and targets, collective action is required from all parts of Brampton's community including municipal government, utilities, industry, businesses, institutions, development community, community organizations, and residents.

**Our Energy Transition is Our Climate Solution**

# BRAMPTON'S ENERGY FUTURE IS CLEAN, SUSTAINABLE, RESILIENT AND SUPPORTS THE BRAMPTON 2040 VISION

## GOALS



## GUIDING PRINCIPLES

### { ENVIRONMENTAL }

Work towards climate neutrality

### { ENERGY }

Benchmark energy performance against global best practice

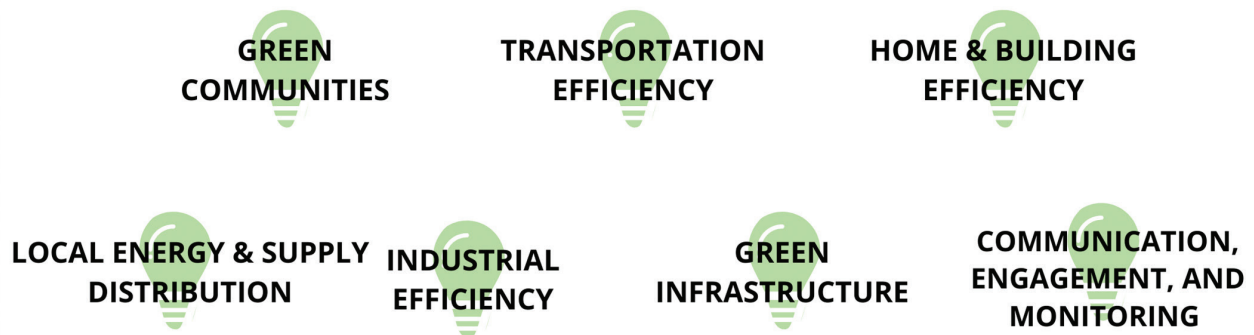
### { ECONOMIC }

All energy-related investments will meet risk-adjusted returns, energy costs will be competitive, and local employment will be generated

### { RELIABILITY }

Energy systems will meet challenges of changing user expectations, climate uncertainty, and new technology

## STRATEGIC DIRECTIONS



## HOW WILL WE ACHIEVE THESE GOALS?

