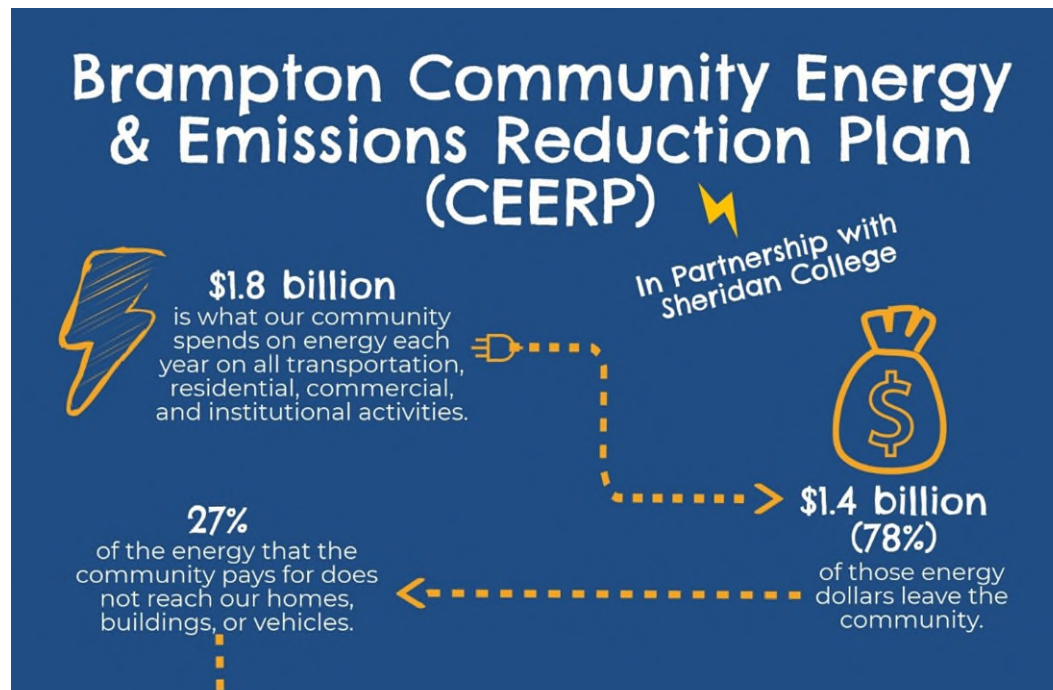


Community Energy And Emissions Reduction Plan

Task Force Meeting #7



Key Piece of The Mosaic

City of Brampton

Community Energy & Emissions Reduction Plan

1. Welcome and Opening Remarks (Chair)
2. Introductions (All)
3. Agenda Review (Chair)
 - Meeting Package (minutes, agenda, draft report, draft action plan)
 - Approval of Minutes (meeting #6)
 - Approval of Agenda
4. Task Force Business (Pam)
 - Review Pathway to Project Completion

CEERP Planning Process Reporting Framework



Final CEERP Report

- Main CEERP Report (Appendices)
- Background Analytical Document (Appendices)
- Engagement Summary and Evaluation (Appendices)



Open Houses (March 9-11, 17-19)

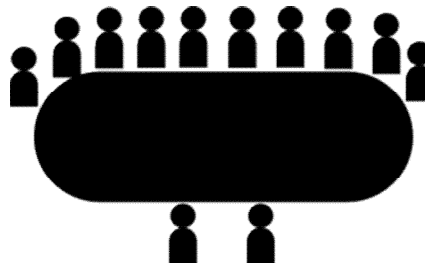
- 6 open houses throughout City
- Participation from Task Force Members

Dates confirmed !



Staff Report to Council

- Staff report to accompany CEERP Report
- Separate Staff report on ISB
- Recommendations for Municipal Role, Community Role and ISB in Supporting the Implementation of the CEERP
- Presented by Staff AND Task Force



Committee/Council

- Approve
- Directs Staff

Pathway to Project Completion

- Integrate Task Force Report into full Council report to include:
 - Complete Action Plan

- Conduct further Community Engagement
 - March 9, 10, 11 (4-8pm)
 - March 17, 18, 19 (1-4pm)

- Timeline:
 - Committee of Council May 20
 - Council May 27

Key Dates

Activity	Date
CEERP Task Force #7	February 28, 2020
Open Houses	March 9, 10, 11, 2020 (4-8pm) March 17, 18, 19, 2020 (1-4pm)
Final comments on CEERP Report from Task Force	March 13, 2020
Finalize CEERP report, including information from engagement	March 27, 2020
Project Working Team review final report	April 3, 2020
Finalize CEERP and ISB Staff Reports	April 10, 2020
Preparation of Staff and Task Force delegation(s)	Mid April
Committee of Council	May 20, 2020

Main CEERP Report

5. Main CEERP Report

- Description of Revisions
- Discussion and Feedback on:
 - Strategic Directions (objectives/targets)
 - Priority Projects
 - Action Plan
- Report Completion Process

Main CEERP Report Revisions

Revisions

- ✓ comments from Task Force members
- ✓ more sections
 - Executive Summary
 - The Climate Reality
 - Energy Transitions
 - Opportunity
 - Brampton Today
 - Community Energy and Emission Plan
 - Action Plan
 - Getting There
 - Conclusion
 - Definitions
- ✓ added infographics to clarify/replace information
- ✓ ISB information

Main CEERP Report Strategic Directions

Seven Strategic Directions (previously 4)

Strategic Direction	
Green Communities	New
Home & Building Efficiency	Existing
Industrial Efficiency	Existing
Local Energy Supply & Distribution	Existing
Transportation Efficiency	Existing
Green Infrastructure	New
Communications, Engagement and Monitoring	New

Main CEERP Report Strategic Directions

Green Communities

- Communities contribute 60% of energy consumption and over half of all greenhouse gases in Canada.
- shape, structure, and form of a community plays a significant role in how and when energy is used within a community.
- Planning and designing green communities can significantly increase energy efficiency and emissions, increase energy savings, as well as optimize the use and success of other community energy initiatives.

Green Infrastructure

- Green infrastructure practices can reduce local temperatures and shade building surfaces, leading to less energy requirements to cool and heat buildings, and cost savings over time.
- Green infrastructure can reduce a community's infrastructure costs, promote economic growth and create construction jobs.

Communication, Monitoring, Engagement

- Working with partners across the community to undertake the CEERP's priority projects is critical for the successful implementation of CEERP
- Ongoing data collection and monitoring as well as refinement of the priority projects over time is required to ensure project effectiveness and to gauge the impact of the CEERP

Main CEERP Report Revised Priority Projects

Priority Projects (revised from 9 down to 5)

1. Home Retrofits
2. Municipal Program/Policy/Plan Alignment
3. Integrate District Energy Systems
4. Develop Integrated Energy Master Plans
5. Establish a community organization

Main CEERP Report

Previous Priority Projects

Home and Building Efficiency

1. Establish a company to deliver standardized retrofits to Brampton homeowners.
2. Establish an Energy Performance Label program for homes and buildings.
3. Ensure City of Brampton policies and programs are aligned with supporting the objectives for Home and Building Efficiency

Industrial Efficiency

4. Establish a community of practice to share local industrial energy and management expertise.

Local energy supply and distribution

5. Develop Integrated Energy Master Plans for public facilities.
6. Develop Integrated Energy Master Plans for Near-Net Zero Neighbourhoods.
7. Create a District Energy Company
8. Ensure City of Brampton policies and programs are aligned with supporting the objectives for Local Energy Supply and Distribution

Transportation efficiency

9. Ensure City of Brampton policies and programs are aligned with supporting the strategic objectives identified for Transportation Efficiency

Main CEERP Report Priority Projects

Priority Projects Revisions

- three priority projects combined under #2 Municipal Policy, Plan, Program Alignment
- two priority projects have been combined under #4 Energy Master Plans
- Industrial Efficiency “community of practice to share expertise” will be achieved under the Action Plan
- Energy Performance Label program will be achieved under the Action Plan (complete a business case)

Main CEERP Report Action Plan

Action	Lead	Partner	Timeline
Green Communities			
Home & Building Efficiency			
Industrial Efficiency			
Local Energy Supply & Distribution			
Transportation Efficiency			
Green Infrastructure			
Communications, Engagement and Monitoring			

Main CEERP Report Action Plan

- Leads/partners assigned based on ability to achieve the desired result and work together.

example:

Green Communities
(designing new communities)

City: complete the policy updates

Development Industry: submit applications with well-designed new communities

- Timelines are: on-going, short, medium or long term

Main CEERP Report

Getting There

Five Corporate Actions

- Municipal Resources
- Educate and Promote Awareness
- Performance Monitoring
- Budgeting and Decision Making
- Municipal Operations and Procurement

Main CEERP Report

Roles

Included:

- Municipal
- Region
- Utilities
- Community
- Community Organization (ISB)

To include:

- Development Industry
- Business
- Industry

Main CEERP Report

Communication/Monitoring/Evaluation

Included:

- Staff Time/Required Resources
- Monitoring/Measuring Progress
- Regular Updates
- Implementation

To include:

- Communication

March Engagement

6. Engagement Updates (on handout)

Week of March 9th , 4-8pm

- **March 9: Cassie Campbell Lower Lobby**
- **March 10: Springdale Library Front Lobby**
- **March 11: Brampton Soccer Centre Front Lobby**

March Engagement

6. Engagement Updates

Week of March Break (1-4pm)

- **March 17: South Fletcher's Lobby**
- **March 18: Gore Meadows Main Lobby**
- **March 19: Civic Centre Main Lobby**

Institute for Sustainable Brampton (ISB)

7. CEERP Implementation (ISB)

- Many communities have developed CEPs and only a handful have made meaningful action on implementation. The main barrier to implementation is a lack of adequate municipal resources/skills/knowledge
- Through the work of the ISB task force/workshop, decision made for the ISB to focus on CEERP implementation
 - This mandate is a starting point to mobilize resources and will likely evolve over time and throughout delivery.
- Seed funding from City of Brampton to establish ISB
 - Additional funding and in-kind support from the community is necessary for the ISB's success
 - Seeks Federal and Provincial grant funding as the ISB grows
- The ISB will work towards a sustained self-financing model over a five year period.

Institute for Sustainable Brampton (ISB)

Next Steps

- Staff and CEERP TF to request that Council approve a financial contribution in 2020, as the ISB requires seed funding over five years
 - Incorporating as non-profit organization and associated legal and filing fees;
 - Obtaining insurance;
 - Developing governance and by-laws for Board of Directors;
 - Launching ISB
 - Hiring an Executive Director and
 - Developing a Business Plan.
- Transition the current CEERP TF into a ISB Board
 - TF Members to go back to their organization and determine how they want to continue participating
 - This TF/ISB Board will be a transition Board

Institute for Sustainable Brampton (ISB)

Next Steps

- Throughout 2020 the ISB/TF Board will:
 - Set up the Non Profit organization
 - Determine the skills and expertise of permanent ISB Board members
 - Draft bylaws for Board
 - Recruit long serving Board members
 - Hire Executive Director
- Confirm financial/in-kind contributions from community organizations, businesses and individuals to support the ISB including:
 - Office Space, furniture, equipment and utilities
 - Temporary staff to fill roles
 - Communications and promotion support
 - Legal services/expertise

Institute for Sustainable Brampton (ISB)

Roles Moving Forward

- Sheridan has expressed a willingness to lead the next phase of the ISB's development including:
 - Non profit establishment
 - Board development and logistics
 - Executive Director recruitment
- City and Region provide in-kind support to the ISB's development
- Task Force to act in an advisory capacity to ISB Board

Institute for Sustainable Brampton (ISB)

Question for Discussion

- Given what you've heard, what do you think is necessary to make the ISB a success?
- What expertise can you, your organization or your sector bring to the ISB?

8. Task Force Activities

- a) Review main CEERP report and Action Plan (Comments due March 13)
- b) Commitment from Members to attend March engagement (see dates on handout, outlook invitations will be sent)
- b) Determine if your organization wants a presentation in March

Task Force Activities

- d) Letters of support for CEERP/ISB (a template will be sent)
- e) Determine if you will be part of ISB Board or advisory board
- f) Commitment from Members to attend May 20 Committee of Council (an outlook invitation will be sent)
- g) Vote on a name for ISB using survey monkey
<https://www.surveymonkey.com/r/FCFV6T>

City of Brampton

Community Energy & Emissions Reduction Plan

9. Adjourn

THANK YOU

Ingredients for Success of ISB

- Look ahead 5 years
- “Go to” place for trusted knowledge
- A catalyst for action
- A place where people can get help to deal with barriers
- No political agenda
- Potential offer products and services
- Continuous engagement of public and stakeholders
- Must get stuff done
- Utility and academic connections
- Negotiation
- The core should be about implementation
- The academia/research work should be a separate arm

Ingredients for Success of ISB

- Working in collaboration with the City for CEERP implementation
- Municipality will be a stakeholder
- Clear mission
- KPIs related to the mission
- Learn from other existing institutes
- Know what you are not (stick to your scope)
- Have strength and conviction to not take on too much; especially out of scope
- Trustworthy
- Not just house the information, but push it out

Ingredients for Success of ISB

- Promote actions and benefits for the property owner
- Advocacy (but not only from people who are in the industry because that will come across as self-serving)
- Start off in an existing space; don't build a new brick and mortar office
- But it has to have a presence

How do you see yourself/organization contributing?

- New Brampton would support ISB implementation because of co-benefits (e.g. transportation)
- Brampton Brick conducts extensive research on cladding systems and pavers; can bring this research to ISB
- Brampton Brick can also help create connections with other industry partners and other levels of government
- Sheridan can educate students on efficient building practices
- Sheridan can also provide information on global best practices

How do you see yourself/organization contributing?

- BEAC will continue championing ISB as contributing to creating communities that enable quality of life, aging in place
- Through energy management and creating complete communities will promote stewardship
- Understanding building design targets versus building performance; City can play a role in addition to industry
- TRCA can contribute through existing programming such as SNAP; ISB would be partner; aligning TRCAs programming with ISB; maximizing TRCAs existing program to achieve ISB goals
- Trevor will support ISB through advocacy
- Johnson Controls has extensive expertise that can be shared with ISB; can help with determine financial viability to complex actions
- Enbridge sees co-benefits in working with ISB; has expertise that can be provided in-kind; will also look into possibility of financial contribution to ISB