



**CITY OF HAMILTON**  
**PLANNING AND ECONOMIC DEVELOPMENT DEPARTMENT**  
**Planning Division**

<b>TO:</b>	Chair and Members Planning Committee
<b>COMMITTEE DATE:</b>	April 3, 2017
<b>SUBJECT/REPORT NO:</b>	Community Energy Plan Terms of Reference (City Wide) (PED18057)
<b>WARD(S) AFFECTED:</b>	City Wide
<b>PREPARED BY:</b>	Robert Clackett (905) 546-2424 Ext. 1274
<b>SUBMITTED BY:</b>	Steve Robichaud Director, Planning and Chief Planner Planning and Economic Development Department
<b>SIGNATURE:</b>	

**RECOMMENDATION**

- (a) That the City of Hamilton Community Energy Plan (CEP) Terms of Reference, attached as Appendix “A” to Report PED18057, be received for information;
- (b) That staff be directed to undertake a process to develop a Community Energy Plan in accordance with the Community Energy Plan (CEP) Terms of Reference as set out in Appendix “A” to Report PED18057;
- (c) That staff be directed and authorized to prepare a Request for Proposal (RFP) to retain a consultant to prepare the Community Energy Plan (CEP);
- (d) That staff be authorized to submit an application to the Federation of Canadian Municipalities’ Green Municipal Fund or the Province of Ontario’s Municipal Energy Plan Program to obtain additional funding sources for the project;
- (e) That should the City be successful in an application for funding, from the Federation of Canadian Municipalities’ Green Municipal Fund and/or the Province of Ontario’s Municipal Energy Plan Program, the Mayor and Clerk be authorized and directed to execute the Agreement together with any ancillary documentation, in a form satisfactory to the City Solicitor.

## **EXECUTIVE SUMMARY**

On July 7, 2015 Planning Committee approved a Motion directing “That Planning and Public Works staff investigate and report back on the feasibility and Terms of Reference for a Community Energy Plan including but not limited to:

- Renewable Energy Projects;
- appropriate planning policies; and,
- methods and uses.”

The Terms of Reference (TOR) attached to Report PED18057 as Appendix “A” fulfils Council’s direction and recommends moving forward with Hamilton’s Community Energy Plan (CEP).

A Community Energy Plan (CEP) is an integrated, comprehensive, long-term plan to meet local energy needs while improving energy and water efficiency, reducing greenhouse gas (GHG) emissions and fostering local sustainable and community supported energy solutions in a municipality. Community Energy Planning takes an integrated approach to local energy planning by aligning energy, infrastructure and land use planning to help meet community energy goals and reduce GHG emissions.

The Community Energy Plan TOR is based on provincial, federal, and local direction and support for municipal action that aims to mitigate climate change and improve energy security and sustainability. The CEP builds upon the success of climate change action projects which have been implemented in Hamilton through partnerships with local industries and neighbouring municipalities.

The CEP will be developed in three phases and will be completed within 12 to 15 months following the selection of a consultant or consultant team. The anticipated budget requirement to develop a CEP is \$180,000 (gross) to be funded from existing capital accounts in the Planning Division related to policy analysis and community planning initiatives.

Staff is investigating alternate funding sources for the CEP, such as the Federation of Canadian Municipalities (FCM) Green Municipal Fund and the Province of Ontario Municipal Energy Plan Program. These funds provide matching grants and if successful would offset the costs to do the CEP by up to \$90,000.

The Community Energy Plan will align with Hamilton’s Strategic Plan in four key areas: Community Engagement and Participation, Healthy and Safe Communities, Clean and Green, and Built Environment and Infrastructure.

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Planning and Economic Development Department staff authored this Report with assistance and consultation from staff in the Public Works Department, Office of Energy Initiatives and the Public Health Services Department, Office of Health Hazards.

***Alternatives for Consideration – See Page 15***

**FINANCIAL – STAFFING – LEGAL IMPLICATIONS**

Financial: Funding of \$180,000 (gross) will be required to hire a consultant or consulting team to prepare the CEP, as well as project costs for room rental, open house and meeting expenses, printing maps and materials.

Staffing: A Planner from the Community Planning and GIS Section will be the Project Co-ordinator and will oversee the daily operation of the project. The CEP will require City staff time from various Sections (including the Office of Energy Initiatives, Air Quality and Climate Change – Public Health Services, Transportation Management, Neighbourhood and Community Initiatives, Hamilton Water, Growth Management, Development Planning, and Urban Renewal) to provide data and expertise, participate on the CEP Team, assist with meetings, open houses, and Focus Groups, and review drafts of the Strategy. The Project Co-ordinator will work closely with the Office of Energy Initiatives and Public Health Services Department.

Legal: None

**HISTORICAL BACKGROUND**

2006: The Electric City Report addressed concerns expressed by Council in 2005 about the “fossil fuel crisis”. The Report examined global oil market trends and suggested the social, economic, and environmental impacts of rising energy costs on a local scale for the City of Hamilton.

2006: Council adopted the Corporate Air Quality and Climate Change Action Plan.

2008: Council adopted the Corporate Air Quality and Climate Change Strategic Plan. This Plan explored ways to reduce Greenhouse Gas emissions and air pollutants produced through larger City energy and transportation systems, showing Hamilton’s city - wide concern for climate change adaptation.

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- 2010: Taking Stock: Greenhouse Gas Emissions in Hamilton Report provided a full inventory of Hamilton's GHG emissions. It identified community engagement as the key to positive change.
- 2011: Over 470 signatories, including the City of Hamilton, made a voluntary commitment to Hamilton's Community Climate Change Action Charter, which established the predicted effects of climate change and stated a series of actions that ought to be taken in response.
- 2011: As part of a province-wide initiative, the Canadian Urban Institute (CUI) produced the City of Hamilton: Integrated Energy Mapping Strategy (H-IEMS) to assess the energy consumption patterns present in Hamilton's land-use, transportation, and energy systems, as well as to explore energy alternatives that may be implemented through future planning.
- 2014: The City of Hamilton updated the City's Corporate Energy Policy, which discusses the mitigation of energy and emissions, addresses legislated reporting, defines policies for capital investment and energy procurement.
- 2015: Council denied the request for endorsement in support of the proposed 15 Megawatt (MW) Mountsberg Solar Project by Samsung Renewable Energy Inc., located at 2037 Centre Road, Former Township of East Flamborough (PED15108). Council directed the preparation of a Community Energy Plan Terms of Reference, which is the subject of this Report.
- 2015: Council approved Taking Action on Climate Change in Hamilton – A Community Plan (BOH15025), also called the Hamilton Community Climate Change Action Plan. The Action Plan recommended the implementation of ten main actions identified to mitigate the impacts of climate change in Hamilton. Council directed that Public Health Services staff work with staff from other City departments, and community members toward implementing actions identified in the Hamilton Community Plan. One such action was to “Develop a Community Energy Plan to guide the Hamilton community's energy future”.
- 2016: Council passed a motion requesting staff report back on the feasibility of creating a local improvement charge loan program / home energy improvement plan for the City that uses Local Improvement Charges (LICs) to make building efficiency improvements more accessible for

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citizens and meet the goals outlined in the City's existing climate change action plan. The CEP will review and include a report on the feasibility of such a program.

2017: The City of Hamilton, City of Burlington and Mohawk College announced the creation of the Bay Area Climate Change Partnership and the Mohawk Centre for Climate Change Management funded by the Province of Ontario through the Cap and Trade Program.

2017: The City of Hamilton joined Sustainable Hamilton Burlington as a Carbon Initiative reporting member. The City will be reporting on its GHG and energy related emissions beginning in 2018.

2017: Changes were made to the *Planning Act* regarding Climate Change making it an issue of Provincial Interest. As such, Official Plan policies will be required to address these legislative changes.

2018: The Province of Ontario's Ministry of Environment and Climate Change (MOECC) published the document: *Draft Guideline on Community Emissions Reduction Planning* for comment on the EBR Registry.

This Report is in response to the July 2015 Council Motion directing "that Planning and Public Works staff investigate and report back on the feasibility and Terms of Reference for a Community Energy Plan including but not limited to Renewable Energy Projects; appropriate planning policies, methods and uses, in consultation with Hamilton Utilities Corporation".

## **POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS**

The policy implications and legislated requirements of the CEP are addressed in detail in Appendix "F" to Report PED18057.

### ***Provincial Policy Statement (2014)***

The Provincial Policy Statement directs municipalities to provide opportunities for energy supply, energy conservation, and promotion of renewable and alternative energy systems.

The City will outline, through the CEP, any opportunities that exist for the development of energy supply. These opportunities will include electricity generation facilities as well as transmission and distribution systems. These opportunities will accommodate existing and future energy needs. The CEP will also promote renewable and alternative

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energy systems while providing a framework for evaluating energy generation proposals in the City of Hamilton.

The CEP will support energy conservation and efficiency, improved air quality, reduced greenhouse gas emissions, and climate change adaptation through land use and development patterns.

***Ontario's Green Energy and Green Economy Act (2009), Ontario Regulation 397/11 (2011)***

The *Ontario Green Energy and Green Economy Act* (GEA) provides a Province-led, coordinated approvals framework for renewable energy projects, with clear provincial rules and transparent decision-making. The new approvals framework established through the GEA and related regulations exempts most renewable energy developments from the *Environmental Assessment Act* process and, with some exceptions, the *Planning Act* process.

The CEP will be an energy conservation and demand management plan, which is a public document, and as such will be published and made available to the public.

The CEP will include a summary of the City's annual energy consumption and greenhouse gas emissions for its operations; as well as a description of previous, current and proposed measures for conserving and reducing the amount of energy consumed by City operations and managing the City's demand for energy.

***Province of Ontario's Climate Change Action Plan (2016 - 2020)***

In 2016, the Province' Climate Action Plan (2016 - 2020) was released. The intent of the plan is to help Ontario fight climate change over the long term. Several areas of Action were set out in the plan and are broadly defined. One such area is related to the rise in building related emissions.

Land Use Planning policies are set out in the Action Plan and will: help fight climate change; assist in the strengthening of local energy planning and mapping; and, work to generally reduce traffic congestion and transportation emissions.

Through the CEP process staff will seek funding and support from the Province through their Climate Change Action Plan as it pertains to energy.

It is noted that under Bill 139 the Province has amended the *Planning Act* to give other Provincial Plans the same status as the Growth Plan and the Greenbelt Plan.

***Growth Plan for the Greater Golden Horseshoe (2017)***

One of the Guiding Principles of the Plan is to *integrate climate change considerations into planning and managing growth such as planning for more resilient communities and infrastructure – that are adaptive to the impacts of a changing climate – and moving towards low-carbon communities, with the long-term goal of net-zero communities, by incorporating approaches to reduce greenhouse gas emissions.*

Energy Efficiency, Increased Energy Supply, and Renewable Energy and Alternative System Locations are all addressed in Section B.3.7 of the UHOP. The CEP will review these policies to ensure that they are consistent with the Places to Grow (2017) Plan and provide a Culture of Conservation in Hamilton. Any necessary policy updates to the UHOP will be made through an Official Plan Amendment.

The UHOP contains policies on Climate Change and as part of the City's Municipal Comprehensive Review the current UHOP / RHOP policies will be reviewed / assessed and updated as required. A creation of a CEP will enable the City to review these policies and implement modifications if required.

***Greenbelt Plan (2017)***

An element of the vision of the Greenbelt Plan is to build resilience to and mitigate climate change.

***Community Emissions Reduction Planning: a Guide for Municipalities (Draft 2018)***

In January 2018, the Ministry of Environment and Climate Change (MOECC) released a draft of the document: *Community Emissions Reduction Planning: A Guide for Municipalities* on the Province's EBR Registry. These guidelines are intended to help municipalities develop long term strategies for supporting their communities in making the transition to a low carbon future.

The Guidelines are intended to support Ontario municipalities for two purposes:

- 1) to support action under Ontario's Five Year Climate Change Action Plan. This Plan envisions a significant role for municipalities in the fight against climate change with two new funding programs: i) the Municipal Action Plan Program which supports community GHG reduction planning, and ii) the Municipal GHG Challenge Fund which supports community GHG reductions projects.
- 2) New Policy direction in the Growth Plan for the Greater Golden Horseshoe, 2017 has been made under the Coordinated Provincial Plans Review. This direction encourages municipalities to develop GHG reduction plans, through Official Plan

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conformity, complete GHG inventories, and to establish interim and long-term GHG reduction targets.

The Guidelines provide an overview of how municipalities can develop community energy and emissions plans and strategies.

As outlined in the CEP Terms of Reference (attached to Report PED18057 as Appendix “A”) staff has developed a system which is consistent with the process suggested by the Province. In Phase 1 of the City’s CEP work plan, baseline emission levels will be determined, background research will be completed including inventories, and targets will be set. In Phase 2 of the CEP, energy efficiency improvements will be defined as well as the evaluation of renewable energy planning and generally renewable energy planning. In Phase 3 of the CEP, will develop an action plan and raise community awareness.

Stakeholder and public engagement will be an important part of developing the City’s CEP. It will build upon the extensive consultation undertaken for the Hamilton Community Climate Change Action Plan (2011) and Our Future Hamilton. This effective public engagement will ensure information exchange, discussion, ownership, and successful implementation.

### ***Our Future Hamilton***

The proposed CEP aligns with the City’s Community Vision Statement (Our Future Hamilton), which includes advancing environmental sustainability and stewardship through the Clean and Green community priorities.

The extensive engagement undertaken during the development of *Our Future Hamilton* revealed that top priorities for Hamilton residents included: the advancement of environmental responsibility and stewardship, including the reduction of contribution to climate change; to strive to be a zero waste community; the protection and improvement of water and air quality; the preservation and rehabilitation of the City’s natural ecosystems; and the transition to more sustainable practices (“Our Future Hamilton: Communities in Conversation”, Appendix “A” to Report CM15001(a) / CES15010(a)). A CEP will guide the community efforts towards achieving these components of the Vision.

### ***City of Hamilton Urban Official Plan***

The CEP will review existing UHOP policies and determine whether or not any improvements can be made to encourage, promote, and improve the existing policies which speak to land use patterns. Also, the CEP will support energy conservation and efficiency through the confirmation of community-wide energy consumption and Green House Gas emissions. It will also explore the feasibility of Renewable Energy Projects;

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appropriate planning policies; and methods and uses, in consultation with Hamilton Utilities Corporation.

The CEP will develop a system of community priorities for implementation around renewable energy and other energy infrastructure, including a Home Energy Retrofit Opportunity (HERO) and Local Improvement Charges (LIC) programs for the City.

### ***City of Hamilton Rural Official Plan***

The CEP will review existing RHOP policies and determine whether or not any improvements can be made to encourage, promote, and improve the existing policies which speak to land use patterns. Also, the CEP will support energy conservation and efficiency through the confirmation of community-wide energy consumption and Green House Gas emissions. It will also explore the feasibility of Renewable Energy Projects; appropriate planning policies; and methods and uses, in consultation with Hamilton Utilities Corporation.

### **RELEVANT CONSULTATION**

Planning staff has worked with the City's Office of Energy Initiatives, Public Works Department, and the City's Healthy Environments Office (Air Quality and Climate Change), Public Health Services Department to draft the CEP Terms of Reference attached as Appendix "A" to Report PED18057.

Staff met with Alectra Utilities and Union Gas to review the proposed CEP Terms of Reference and discuss what their involvement could be in the implementation of the CEP. Alectra Utilities and Union Gas both endorsed the project and agreed to provide the City with data. The CEP Terms of Reference is attached as Appendix "A" to Report PED18057 and has been reviewed by both Alectra Utilities and Union Gas.

In addition, staff met with the City of Burlington's staff to discuss Burlington's experience developing their CEP and begin to discuss how Hamilton and Burlington's CEPs will fit within the recently created Bay Area Climate Change Partnership.

### **ANALYSIS AND RATIONALE FOR RECOMMENDATION**

As part of the City of Hamilton's strategic priority to become a clean and green city that is environmentally sustainable, and as part of the City's Community Climate Change Action Plan to reduce GHG emissions and adapt to a changing climate, the City has initiated a process to develop a CEP with the input of energy stakeholders and the community. A CEP is an integrated, comprehensive, long-term plan to meet local energy needs while improving energy and water efficiency, reducing greenhouse gas (GHG) emissions and fostering local sustainable and community supported energy

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solutions in a municipality. Community Energy Planning takes an integrated approach to local energy planning by aligning energy, infrastructure and land use planning to help meet community energy goals and reduce GHG emissions.

Many other municipalities in southern Ontario have completed CEPs (also called Municipal Energy Plans) in recent years, including the Cities of Burlington, Guelph, London, Markham, and Vaughan. The CEP will bring together the data, resources, recommendations, and priorities in one comprehensive document for staff and stakeholders to use.

By the year 2041, the City is expected to grow to achieve a population of 780,000 and 350,000 jobs. Most of this growth will be achieved through intensification and redevelopment, and as such by 2031 and for each year thereafter, the Growth Plan requires that a minimum of 60 per cent of all residential development will occur within the built-up area. The intent of the CEP is to develop an action plan based on community priorities around energy and water with a goal to improve efficiency, cut GHG emissions, increase the use of renewable energy, achieve energy security, and drive economic development. Through the implementation of the CEP, Hamilton is expected to benefit from establishing a healthier community; supporting the development of complete, compact and healthy communities; keeping energy investments locally; supporting local businesses to reduce energy costs and encourage new investments; contributing to local job creation and energy costs savings; and, reducing energy spending for residents while increasing property values.

The City of Hamilton has demonstrated municipal leadership in addressing Climate Change, energy conservation and renewable energy. The City's first Corporate Energy Policy, passed by Council in 2007, called for targeted energy reductions in energy intensity of City-owned facilities and operations of 20% by year 2020. The Corporate Energy Policy was updated in 2014 with new targets, including the reduction of energy intensity in City-owned facilities by 60% by 2050 and reduction of 80% Greenhouse Gas emissions by 2050. The City of Hamilton has achieved the 2020 emissions reduction targets and is aiming to progress towards achieving the 2030 and 2050 targets.

In 2011, as part of a province-wide initiative, the Canadian Urban Institute (CUI) produced the City of Hamilton: Integrated Energy Mapping Strategy (H-IEMS) to assess the energy consumption patterns present in Hamilton's land-use, transportation, and energy systems, as well as to explore energy alternatives that may be implemented through future planning. H-IEMS identified several opportunities for improving Hamilton's energy consumption by evaluating both potential cost-efficiency and greenhouse gas emissions of alternative fuels and technologies. H-IEMS recommends developing an energy action plan as a key priority for advancing energy efficient strategies in Hamilton (H-IEMS, p. XIII).

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In 2015, Council received the Hamilton Community Climate Change Action Plan, which identified actions and opportunities that both encourage reductions in greenhouse gas emissions in our community and outline ways to adapt to expected changes from climate change (Report BOH15025). The Community Climate Change Action Plan has established targets of 20% GHG emissions reductions by 2020, 50% GHG emissions reductions by 2030, and 80% GHG emissions reductions by 2050 of the 2006 base year. Ten priority actions were identified for community action in the short term (one to three years), including to “Develop a Community Energy Plan to guide the Hamilton community’s energy future”. Hamilton has achieved the 2020 emissions reduction targets and is aiming to progress towards achieving the 2030 and 2050 targets with the assistance of the Community Energy Plan.

In addition, the City has been a member of the Federation of Canadian Municipalities’ Partners for Climate Protection (PCP) program since 1996. The PCP Program is a network of Canadian municipal governments that have committed to reducing GHG and to acting on climate change. Hamilton completed the PCP Program’s 5-milestone process in 2013 and has become one of the leading Canadian municipalities taking action to mitigate and adapt to climate change. The City is also a member of the Compact of Mayors since 2015 with a set community GHG emissions target of 80% by 2050 which is in line with the 2050 Community and Corporate GHG emissions targets. The Compact of Mayors is the world’s largest cooperative effort among mayors and city officials to reduce greenhouse gas emissions and climate risks in cities.

More recently, in June 2017, the City of Hamilton, City of Burlington and Mohawk College announced that they would establish the Bay Area Climate Change Partnership. The three organizations will share resources and coordinate efforts to reduce greenhouse gas emissions. The goal of the partnership is to create a Centre for Climate Change Management within the next two years and establish a Campus Carbon Management Office, an Industry Partnerships Office and a Bay Area Climate Change Coordination Office, the later modelled after the successful Bay Area Restoration Council. In December 2017, the Mohawk Centre for Climate Change was officially launched with funding from the Province.

### **Goals and Objectives of the CEP**

The goal of the CEP is to develop a meaningful plan that provides guidance in the creation of a healthy, reliable and sustainable energy future by continually increasing energy conservation, improving energy efficiency and reducing GHGs emissions while meeting Hamilton’s energy needs.

The following are objectives identified for the Plan:

- To reconnect with stakeholders, agencies, landowners, and the public;
- To confirm community-wide energy consumption and GHG emissions;

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- To identify energy conservation, generation, efficiency, and sustainable, cleaner and energy efficient transportation opportunities throughout the City of Hamilton;
- To develop community priorities for implementation around renewable energy and other energy infrastructure, including a HERO/LIC program for the City;
- To develop actionable items for economically viable and environmentally sustainable energy solutions;
- To support sustainable energy policies, climate change initiatives, and practices in Hamilton;
- To identify appropriate planning policies to support sustainable growth and compact urban forms, energy consumption reduction, sustainable transportation solutions, and renewable energy generation; and,
- To ensure that the energy system in Hamilton assists the City and community in reaching carbon reduction targets.

### **Scope of the CEP**

A draft Terms of Reference has been prepared (attached as Appendix “A” to Report PED18057). The CEP will be completed within 12 - 18 months following the selection of a consultant or consultant team and will be developed in three phases as follows:

#### Phase 1: Confirming the Baseline

Phase 1 of the CEP will prepare a CEP Advisory Team Terms of Reference; develop an engagement plan drawing on work already completed during the Community Climate Change Action Plan and Our Future Hamilton. The Engagement Plan will be executed throughout the three phases of the CEP development. In Phase 1, background research will also be completed; and, goals and principles of the project will be defined.

#### Phase 2: Finding Efficiencies

Phase 2 of the CEP will define energy efficiency improvements to achieve the defined sector-based targets; and conduct renewable energy planning (including a Terms of Reference to evaluate renewable energy projects).

#### Phase 3: Taking Action

Finally, Phase 3 of the CEP will see the development of an Action Plan and the implementation of the community awareness component of the Plan.

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**Consultant support to develop the CEP:**

Staff is recommending hiring a consultant to:

- research, gather and analyse background information, including updating Hamilton's energy mapping;
- consult with stakeholders;
- develop goals and targets; and,
- draft the CEP and present the results to Council.

**Engagement:**

Stakeholder and public engagement will be an important part of developing the CEP. Engagement will build upon the extensive consultation undertaken for the Hamilton Community Climate Change Action Plan (2011) and Our Future Hamilton. Effective public engagement will ensure information exchange, discussion, ownership, and successful implementation. To prepare the CEP, staff will consult with residents, stakeholders, agencies, and City staff through the CEP Team, workshops, and other methods outlined in Appendix "A" to Report PED18057.

**CEP Community Advisory Committee:**

A key component of the engagement will be the creation of a CEP Community Advisory Committee, which will provide representation of different stakeholders within the City of Hamilton. The Advisory Committee will provide input and perspective of residents, property owners, Indigenous Communities, industries, business, institutions, agencies, utilities, environmental organizations, and other stakeholders into the CEP. In order to align the CEP with previous City's initiatives, it is anticipated that some of the stakeholders involved in the development of the Community Climate Change Action Plan will be also part of the CEP Advisory Committee. A tentative list of stakeholders and Indigenous Communities is included in in Appendix "A" to Report PED18057.

**CEP Steering Committee:**

A Steering Committee will govern the delivery of the CEP. The CEP Steering Committee will take the input and feedback from the Advisory Committee and City-wide engagement. The Steering Committee will be comprised of:

- City of Hamilton, Community Planning, Planning and Economic Development;
- City of Hamilton, Office of Energy Initiatives, Public Works;
- City of Hamilton, Air Quality & Climate Change, Public Health Services;
- Alectra Utilities; and,
- Enbridge/Union Gas.

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**City Staff – CEP Technical Team:**

The CEP will be coordinated by Community Planning with the collaboration of staff from multiple departments. The City's CEP Technical Team will be comprised of the following sections/divisions (tentative):

- Planning and Economic Development Department, Planning Division, Community Planning and GIS Section;
- Planning and Economic Development Department, Planning Division, Development Planning Section;
- Planning and Economic Development Department, Planning Division, Urban Design Section;
- Planning and Economic Development Department, Economic Development Division, Urban Renewal Section;
- Planning and Economic Development Department, Growth Management Division;
- Planning and Economic Development Department, Transportation Planning and Parking Division, Transportation Planning Services;
- Public Works Department, Office of Energy Initiatives;
- Public Works Department, Infrastructure Planning and Systems Design Division;
- Public Health Services Department, Office of Health Hazards; and,
- Community and Emergency Services Department, Office of Neighbourhoods and Community Initiatives.

**Funding:**

Based on the scope of work and the experience of other municipalities (see Appendix "E" to Report PED18057) in Southern Ontario, staff has determined that \$180,000 will be required to complete the CEP.

In addition, staff are investigating alternate funding sources for the CEP, such as the Federation of Canadian Municipalities (FCM) Green Municipal Fund and the Province of Ontario Municipal Energy Plan Program. The Green Municipal Fund is a perpetual endowment fund which funds sustainable neighbourhood action plans, community brownfield action plans, and GHG reduction plans. The FCM funding is a grant available which covers up to 50% of eligible costs to a maximum of \$175,000. Ontario's Municipal Energy Plan Program offers a grant which covers up to 50% of the eligible costs, to a maximum of \$90,000.

Applications for these Grants requires the applicant to show that funds are in place already for the project. Sufficient funds are available through a combination of Planning Division capital accounts to make up the estimated cost of the project. Any funding received through applications for grants can be directed back to these accounts should applications be successful.

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## **ALTERNATIVES FOR CONSIDERATION**

Council could choose not to approve Report PED18057. If the recommendations of this Report are not approved then Planning Staff would not be authorized to proceed with the CEP. Action from the Community Climate Change Action Plan, to develop a Community Energy Plan, would not be initiated and overall timing for the CEP would be impacted.

Council could choose to approve portions of the work plan outlined in Report PED18057, or could add additional tasks to the work plan. Fewer tasks may impede the ability to deliver an appropriate CEP. Additional tasks could have an impact on overall timing and additional funding may be required.

## **ALIGNMENT TO THE 2016 – 2025 STRATEGIC PLAN**

### **Community Engagement and Participation**

*Hamilton has an open, transparent and accessible approach to City government that engages with and empowers all citizens to be involved in their community.*

### **Healthy and Safe Communities**

*Hamilton is a safe and supportive city where people are active, healthy, and have a high quality of life.*

### **Clean and Green**

*Hamilton is environmentally sustainable with a healthy balance of natural and urban spaces.*

### **Built Environment and Infrastructure**

*Hamilton is supported by state of the art infrastructure, transportation options, buildings and public spaces that create a dynamic City.*

## **APPENDICES AND SCHEDULES ATTACHED**

- Appendix “A”: Community Energy Plan Draft Terms of Reference
- Appendix “B”: 6 Stages to a Low Carbon Municipality
- Appendix “C”: Union Gas Letter of Support
- Appendix “D”: Alectra Utilities Letter of Support
- Appendix “E”: CEP Funding Examples
- Appendix “F”: Policy Analysis

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