

NO: R251

COUNCIL DATE: December 13, 2010

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## REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **December 7, 2010**

FROM: **Sustainability Manager  
Deputy City Manager**

FILE: **0512-02**

SUBJECT **Application for Funding from the FCM Green Municipal Fund for the  
Development of a Community Energy and Emissions Plan**

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## RECOMMENDATION

The City Manager's Department recommends that Council:

1. Receive this report as information;
2. Approve staff proceeding with actions toward the development of a Community Energy and Emissions Plan (CEEP) as generally described in this report; and
3. Approve an application to the Federation of Canadian Municipalities for funding in the amount of \$150,000 from the Green Municipal Fund to support the preparation of the CEEP and adopt the following resolution in support of that application:

*"Be it resolved that the City of Surrey develop a community energy and emissions plan which will include a vision, goals and actions to achieve the stated targets for greenhouse gas (GHG) emission reductions currently outlined in the Surrey Official Community Plan, and which is to be forwarded for Council approval on completion; and*

*Be it further resolved that the City of Surrey make application to the FCM Green Municipal Fund for funding in the amount of \$150,000 in support of the development of the CEEP and commit up to \$150,000 from the City's Sustainability budget towards the costs of this plan development initiative."*

## INTENT

The purpose of this report is to seek Council approval for the development of a community energy and emissions plan for the City of Surrey and Council endorsement of an application by the City for funding from the Federation of Canadian Municipalities (FCM) Green Municipal Fund.

## BACKGROUND

The Sustainability Charter includes under Action EN11, a commitment by the City to the BC Climate Action Charter; more particularly to:

- Develop strategies and take action to achieve the goals of BC's Climate Action Charter, to which Surrey is a signatory; and
- Expedite the completion of the five milestones in the FCM Partners for Climate Protection (PCP) process, including:
  1. Creating an inventory of corporate and community generated GHG's;
  2. Setting targets and timelines for GHG reductions;
  3. Developing a local action plan that minimizes GHG emissions through a range of established best practices in each of the three spheres of influence;
  4. Implementing the local action plan; and
  5. Monitoring progress on the action plan and reporting results.

At its Regular meeting on October 18, 2010, Council considered Corporate Report No. R214, which recommended approval of the **Corporate** Emissions Action Plan. The Plan was approved by Council and includes a goal of reducing corporate emissions by 20% by 2020. This report addresses the next significant element of GHG reductions in the City, which is the development of a **Community** Energy and Emissions Plan. A Community Energy and Emissions Plan is complementary to the Corporate Emissions Action Plan.

## DISCUSSION

Community-wide GHG data is available to local governments from the Province through the Community Energy and Emissions Inventory. For Surrey as a whole, the 2007 data (the most current information available) shows the following:

Category/Sector	Total Emissions (tonnes CO <sub>2</sub> e)	% of total	Per capita Emissions (t)
On-Road Transportation	1,422,565	62.0%	3.04
Buildings	791,999	34.5%	1.69
Solid Waste	78,341	3.4%	0.18
<b>Total</b>	<b>2,292,905</b>	<b>100%</b>	<b>4.91</b>

With the Corporate Emissions Action Plan having been approved by Council and actions related to the implementation of that Plan underway, staff is now turning its attention to the preparation of a **community** energy and emissions action plan, which addresses GHG reduction targets that go beyond the City's own business operations to the entire community as outlined in the Official Community Plan (OCP). These targets were included in the OCP in May 2010 to meet the provincial requirements of Bill 27, the *Local Government (Green Communities) Statutes Amendment Act*, and are as follows:

- A 33% per capita GHG reduction by 2020, excluding agriculture and industry; and
- An 80% per capita GHG reduction by 2050, excluding agriculture and industry.

A Community Energy and Emissions Plan (CEEP) will outline strategies and policies to deliver on these targets, specifically looking at actions in the critical areas of buildings, transportation and infrastructure.

### **Budget for the Development of the CEEP**

The process of preparing the CEEP will include research, analysis, public consultation, plan writing and other preparation and publishing activities. Although City staff will oversee the preparation of the CEEP, it will be necessary to retain the services of consultants to assist in the process. The budget for the plan development process through to a completed Plan has been estimated at \$300,000 over and above City staff time. The City is intending to partner with BC Hydro on the development of the CEEP.

### **Application to the FCM Green Municipal Fund**

It is proposed that the City make application to the Federation of Canadian Municipalities Green Municipal Fund for funding towards the development of the CEEP, which will act to fulfil Milestones 2 and 3 of the Partners for Climate Protection Program at the community level. The Green Municipal Fund (GMF) provides funding on a cost-shared (50/50) basis to local governments. Based on the above-referenced total budget, it is proposed that the City's application to the GMF request funding in the amount of \$150,000. As part of the funding application process, FCM requires a Council resolution committing to develop the Plan that includes a vision, goals and targets. The FCM also requires a letter from the applicant municipal government confirming the amount of its funding contributions to the initiative.

The 2011 Budget will contain the City's share of the funding (\$150,000) for the Plan development process to support the above-referenced application to the FCM GMF.

### **Next Steps**

Staff is developing a detailed Terms of Reference for the preparation of the CEEP and will be issuing a Request for Proposals for the purpose of retaining a consultant to assist with the Plan development process.

## **SUSTAINABILITY CONSIDERATIONS**

Staff is continuing to pursue sustainability initiatives that further the goals of the Surrey Sustainability Charter to advance the City towards the 2058 sustainability vision as contained in the Charter. The development of a community energy and emissions plan is a critical step in addressing the impacts of climate change and reducing greenhouse gas emissions across the City both of which are fundamental to achieving the sustainability vision.

## CONCLUSION

Based on the above discussion, it is recommended that Council:

- Approve staff proceeding with actions toward the development of a Community Energy and Emissions Plan (CEEP) as generally described in this report; and
- Approve an application to the Federation of Canadian Municipalities for funding in the amount of \$150,000 from the Green Municipal Fund to support the preparation of the CEEP and adopt the following resolution in support of that application:

*“Be it resolved that the City of Surrey develop a community energy and emissions plan (CEEP), which will include a vision, goals and actions to achieve the stated targets for greenhouse gas (GHG) emission reductions currently outlined in the Surrey Official Community Plan, and which will be forwarded for Council approval on completion; and*

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