

**Present:**

Chairperson – Councillor Hepner  
Councillor Bose  
Councillor Hunt  
Councillor Martin  
Councillor Rasode  
Councillor Steele  
Councillor Villeneuve  
Mayor Watts

**Absent:**

Councillor Gill

**Staff Present:**

City Clerk  
City Manager  
City Solicitor  
Deputy City Clerk  
General Manager, Engineering  
General Manager, Finance and Technology  
General Manager, Human Resources  
General Manager, Investment & Intergovernmental Relations  
General Manager, Parks, Recreation and Culture  
General Manager, Planning & Development  
Manager, Area Planning & Development, North Division  
Manager, Area Planning & Development, South Division  
Manager, Land Development, Engineering

## A. DELEGATIONS

### 1. Ron MacDonald, Project Director and Senior Environmental Engineer, Stantec

File: 0512-02; 0550-20-10

**Note:** See Corporate Report Item R214 of the Regular Council - Public Hearing agenda.

Was in attendance before Council to present on the City of Surrey Corporate GHG Emissions Action Plan.

The following comments were made:

- Stantec worked with City Staff to develop the Corporate Emissions Action Plan. The plan outlines a targeted strategy for Surrey to reduce green house gas (GHG) emissions.
- It was discussed there are three key drivers for energy reduction policy within British Columbia:
  1. **Bill 44** – Provincial Legislation with a target for reducing green house emissions (carbon) of 30% by the year 2020 and 80% by the year 2050.
  2. **Bill 27** - Local Government Statutes Amendment Act. Requires local governments to establish specific targets for reducing carbon emissions within their official community plans.
  3. **BC Climate Action Charter** – An agreement between local governments and provinces committing local governments to carbon neutral corporate operations by 2012.

- With the new legislation in place, over time, all communities must be proactive in either reducing carbon emissions or purchasing carbon credits (or offsets).
- After 2012, an inventory will be compiled within the City of Surrey and any carbon emissions that cannot be reduced will have to be neutralized through the purchase of carbon offsets.
- Surrey's current carbon footprint is 445,000 GJ which equates to \$9 million/yr on direct energy purchases. The result is that the emissions or GHGs equal ~14,500 tonnes CO<sub>2</sub>e. It was noted that although the energy in Surrey is relatively considered "clean"; after the year 2012 offsets will have to be purchased. The going rate is \$25/tonne.
- The action plan for Surrey was developed through a series of meetings between Stantec and staff; a number of workshops were held to collect data. The anticipated growth of the city was reviewed and projected out to the year 2020.
- As an early adopter, the City of Surrey has voluntarily implemented the following initiatives:
  1. Inventory going back five years
  2. Energy audits and retrofits of civic facilities
  3. Alternative and district energy
  4. Certification (gold level) under E3 Fleet
  5. Traffic signals to LED
  6. Adaptive street-lighting pilot
  7. Energy audits on pump stations
- The purpose of having the City of Surrey Corporate GHG Emissions Action Plan is to consolidate the above actions and create a defined list of where the actions can be taken, define responsibilities and set goals and provide a staff mandate.
- The Corporate GHG Emissions Action Plan identified the following 13 actions which would bring the city to a 2020 target of 20% below baseline. These actions will positively reduce the number of offsets the city of Surrey would have to purchase.

### **Buildings**

1. Ensure high energy performance of new facilities.
2. Conduct audit and retrofit activities in City facilities.
3. Include alternative energy evaluation in replacement, renovation, and maintenance activities.
4. Develop ongoing energy management activities.

**Fleet**

5. Continue implementation of green fleet management activities.
6. Establish an alternative vehicle pilot program.

**Infrastructure**

7. Investigate potential for alternative energy demonstration.
8. Evaluate and implement street-lighting alternatives.
9. Implement user control lighting and artificial turf for major sports fields.

**Leadership & Engagement**

10. Establish a procurement policy that considers energy and GHG emissions.
  11. Encourage energy conservation behaviours in the workplace.
  12. Consider expanding energy and emissions monitoring and reporting.
  13. Continue to dedicate CARIP rebate to sustainability related activities.
- The City of Surrey Corporate GHG Emissions Action Plan next steps are as follows:
    - Existing staff to implement
    - Annual budgeting for audits and investigation
    - Business casing for major activities
    - Potential Partner Funding
    - Monitor and report annually
    - Offsets required beginning in 2012

It was discussed that the Pacific Carbon Trust is yet to set guidelines pertaining to how carbon credits are audited and administered.

Both ministries and municipalities are attempting to determine how to reach their targets. 80% is a dramatic reduction and what it implies is that society will be moving to an electric driven economy without the associated carbon emissions. 80% is a number driven by what the atmospheric scientists have calculated to mitigate climate change impacts.

Council suggested that the City of Surrey explore developing programs to create our own offsets and keep our offset investments within our own community.

**B. ITEMS REFERRED BY COUNCIL****C. CORPORATE REPORTS****D. DELEGATION REQUESTS**

E. COUNCILLORS' REPORTS

F. OTHER COMPETENT BUSINESS

G. ADJOURNMENT

It was

Moved by Councillor Hunt

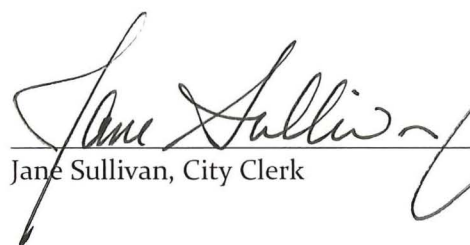
Seconded by Councillor Hepner

That the Council-in-Committee meeting do

now adjourn.

Carried

The Council-in-Committee adjourned at 5:25 p.m.

  
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Jane Sullivan, City Clerk  
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Councillor Hepner, Chairperson