Energy and Climate Protection -Strategies

General Strategies Page 1
Strategies for Town of Canmore (Corporate) Operations Page 1
Priorities for the Town of Canmore Page 2
Strategies for the Community Page 2
Priorities for the Community Page 3

General Strategies

There are three general strategies for reducing greenhouse house gas emissions resulting from the use of energy

- 1. Use less energy (conservation)
- 2. Use energy more efficiently
- 3. De-carbonize the energy supply/mix

Strategies for Town of Canmore (Corporate) Operations

- Reduce the energy used to operate Town owned facilities, buildings and infrastructure
- Reduce the carbon intensity of energy used to operate Town owned facilities, buildings and infrastructure
- Reduce the energy used to operate the Town's fleet of mobile equipment (i.e. driving less km or using more fuel efficient vehicles)
- Reduce the carbon intensity of energy used to operate the Town's fleet of mobile equipment
- Reduce the lifecycle greenhouse gas emissions associated with waste management activities
- Increase staff awareness of the importance of energy and climate related issues and initiatives
- Utilize a comprehensive approach to the monitoring and management of energy use and greenhouse gas emissions
- Identify and secure sources of external (non municipal tax) funding to support energy conservation, efficiency and alternative energy projects and initiatives

Priorities for the Town of Canmore

The following actions should be considered as priorities for Town of Canmore corporate operations:

- 1. Develop and implement a formal system to measure and report corporate energy use and associated greenhouse gas emissions on a regular basis.
- 2. Develop and implement a formal energy management plan for Town operations that has clear priorities and a separate budget. The energy management action plan should include an energy audit program for Town owned or operated facilities in order to identify and evaluate potential energy efficiency opportunities at high energy consumption facilities. Initial facilities that should be considered for audits include:
 - a. Water and Wastewater Services (accounted for 64 % of corporate power consumption and 54 % of corporate greenhouse gas emissions in 2008)
 - Recreation Centre (accounted for 72 % of the electrical power consumed by Town owned/operated buildings and facilities and 26 % of total corporate power consumption)
- 3. Strengthen Green Power Purchase Program
- 4. Update goals, actions and progress under FCM's PCP program
- 5. Develop a corporate energy and climate change education and engagement strategy

The above actions should all be considered priorities and do not necessarily need to be implemented in the order in which they appear.

Strategies for the Community

- Increase community awareness of the importance of energy and climate change related issues
- Increase community commitment to and engagement in initiatives to reduce energy use and greenhouse gas emissions
- Reduce energy use and GHG emissions associated with the residential sector (buildings)
- Reduce energy use and GHG emissions associated with the commercial sector (buildings/infrastructure)
- Reduce energy use and GHG emissions associated with the community's use of transportation (reducing the number of km driven, encouraging use of active transportation alternatives)
- Reduce energy use and GHG emissions associated with the industrial sector

Priorities for the Community

The following actions should be considered as priorities for the community:

- 1. Develop and implement a formal system to measure and report community energy use and associated greenhouse gas emissions on a regular basis
- 2. Develop a community energy and climate change education and engagement strategy
- 3. Reduce community energy use and greenhouse gas emissions.

The second initiative will be developed as part of the Community Education and Engagement component of this Environmental Stewardship Action Plan.