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ALBERTA MUNICIPALITIES ACTION PLAN

Energy Efficiency and Renewable Energy

Step 1: Conduct a Greenhouse Gas Emissions Assessment

- Implement an energy management program
- Assessment of your municipality's current ghg emissions
- Provide a baseline to judge the municipalities
- Install metering into all buildings
- Track gas, electricity and water
- Creation of a dashboard showcasing the consumption patterns for all buildings
- Preliminary application to Efficiency Capital fund

Step 2: Create an Energy and Environmental Operational Plan

Develop a energy and environment operational plan that can reduce emissions while lowering energy costs.

Utility Supply Management Time of use electricity metering

Demand response Gas purchase agreement

Water Use Waste Management



Energy & Environmental Management

Energy retrofit program for ___% savings

Smart metering

Occupant participation

O&M documentation and training

Renewable Energy

Target of ___% by 2020

Step 3: Implementation Team Leadership Awareness and Training

Start a training program for all stakeholders in the institution.

Training Goals

- Create awareness amongst custodians and building operators on energy management needs
- Provide lectures on energy concepts and management relative to lighting, electricity, HVAC, and waste

Enrollment of Team leaders

- Find team leaders in all areas of the institution.

Leadership Training

- Coach all employees on implementing the resource efficiency action plan, and using the Web Info Center.
- Act as point person for awareness follow-up activities.



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Step 4: Implementation of Measures

Of course, a plan alone cannot cut global warming pollution. It is essential that a municipality put a plan into action and monitor its progress periodically. Here are some sample ideas.

- Green Vehicle Solutions
- Energy Efficiency Solutions
- Making New Buildings More Energy
- Energy Efficiency Retrofits to Existing Buildings
- Energy Efficient Street Lighting
- Combined Heat and Power.
- Public Benefit Funds and Financing (PACE).
- Renewable Energy Solutions sun and the wind.
- Monitor all systems with real time metering and on an annual basis that compares findings to the baseline.



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Appendix 1 – Sign Up Sheet

Should your institution wish to obtain help, send in a note requesting the following:

- 1. A teleconference briefing session. 1 hour. Review the steps required to implement a plan.**
- 2. A presentation to staff and the governance leadership group on the steps required to implement a plan.**
- 3. Commission a Greenhouse Gas Emissions Assessment.**
- 4. Commission Energy and Environmental Operational Plan.**

Contact – Global Resource Efficiency Services

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