



CITY OF HAILEY

Climate Protection

Climate Protection Plan

STATEMENT

No longer are there scattered scientists claiming Global Warming is not a valid concern. In all peer-reviewed journals scientists agree that not only has man adversely affected the earth's climate but it is indeed changing and much more rapidly than had been previously anticipated. For example, the melting of ice fields and glaciers affect the temperature of the oceans and water supplies in countries both civilized and developing (Switzerland as well as China).

What we can do to reduce our carbon footprint...

IMPLEMENTATION

City involvement will consist of three areas of implementation:

1. *Immediate Action Plans* that can be put directly into operation and agreed upon by Department Heads as internal City policy
2. *Intermediate Action Plans* for the City Council to review, prioritize, add to, adopt and implement budgeting for the purpose of putting them into operation within the year
3. *Long Range Action Plans* that need further research and development before being implemented and/or mandated to the City, businesses, and populace.

City Council should review these three *Action Plans* to prioritize, make additions to, and consider budgetary requirements.

Immediate Action Plans

1. Form a City Climate Protection Committee ("Committee") with interdepartmental representation to develop planning and implementation.
2. Local City Planners will be holding a breakfast meeting within the month to discuss what each jurisdiction is doing to reduce its carbon foot print.

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3. Building Officials will be holding a meeting on February 15 to discuss what each jurisdiction is doing.
4. Hold an employee idea contest for strategies on the way the City can reduce its carbon footprint, which can also translate into cost savings. Contest rules and prizes to be determined (perhaps comp time could be used as a prize).
5. Fleet Idling
 - A. Set a firm “No Idle” policy. It is a myth that engines should be warmed up before driving. You need no more than 30 seconds of idling on winter days before driving.
 - B. Excessive idling can damage engine components because fuel is only partially combusted which leads to the build up of fuel residues on cylinder walls which damage components and increase fuel consumption.
 - C. The “Rule of Thumb” states that if parked for 10 seconds or longer one should turn off engine; 10 seconds of idling uses more fuel than turning off and restarting.
6. ERC is to send the City recycle information that is mandated by the State.
7. Request employees to use dishes instead of paper goods. An area will be set up and maintained for this. Possibly use the Police Dept. sink for washing dishes.
8. Set computer sleep modes to activate more often.
9. Purchase recycled content paper goods (bathroom towels, toilet paper, napkins, paper plates, paper cups). We have already received a pallet of 30% post consumer waste office paper for copiers and printers.
10. Increase recycling:
 - A. Educate Department Heads, Supervisors and Employees. Department Heads will be responsible to make sure staff members are following policies set forth by this committee.
 - B. Train janitorial staff in delivering recycled goods to the proper receptacle.
 - C. Offer incentives both internally and through rubbish disposal programs.
11. Adjust and monitor thermostats: moving the thermostat just 2 degrees down in winter and up 2 degrees in summer could save approximately 2,000 pounds of carbon dioxide a year.
 - A. Monthly tracking of energy usage by building, and develop a yearly comparison on usage and costs.
 - B. Department Heads will designate a staff member to monitor thermostats, as well as have the janitorial staff monitor.

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- C. Turn down all thermostats at the end of the day and on holidays.
 - D. Develop incentives for heating/cooling reduction, both internally and through utility programs.
12. Electricity and Lighting.
- A. Monthly tracking of energy usage by building, and develop a yearly comparison on usage and costs.
 - B. Lights off when not in use
 - C. Computers off when not in use
 - D. Identify all phantom loads from printers, copy machines, and other office equipment to be turned off every night. Designate someone to monitor this.
 - E. Replace incandescent bulbs with compact fluorescent lights when possible.
 - F. Develop incentives for power reduction, both internally and through utility companies
13. Develop a section on our City Website with information about Global Warming concerning:
- A. General information
 - B. What the City is doing to reduce its carbon footprint
 - C. Provide information to the general populace for education
 - D. Provide information and links for businesses, builders and developers
14. Research what type of paper our billing statements and newsletter are printed on and specify them to be printed on recycled paper and/or research other mailing companies.
15. Develop a tracking system on current and future consumption and costs to City prior to and after beginning implementation of these plans.
16. Purchase only Energy Star equipment and appliances for City use.
17. Keep City Hall Meeting room, basement areas and other area lights off when not in use.
18. Research the cost of installing electric hand dryers in bathrooms
19. Keep heating and ventilation systems tuned. Regularly clean and replace filters. Check ducts and pipe insulation

Intermediate Action Plans

- 1. Transportation – create a plan to influence transportation modes within city limits:

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- A. Incentives for carpooling and alternate transportation methods.
 - B. Public transit within City limits, using buses that run on propane (clean burning) or alternative fuel.
2. City Vehicle Fleet:
- A. Increased fuel efficiency
 - B. Reduce the number of vehicles.
 - C. Purchase hybrids when replacing vehicles (i.e. Honda Insight or Toyota Prius.) Place logos on the doors for all to see the City of Hailey is shrinking its carbon footprint.
 - D. Fleet replacement/retrofit to vehicles that are clean burning; biodiesel (available from Brico), ethanol and hybrids.
3. City Facilities - make energy efficiency a priority by retrofitting City facilities
- A. Consider the idea of some departments going to a 4 day work week to conserve energy.
 - B. Upgrade building insulation as well as the insulation on water heaters and supply pipes (if they aren't already.)
 - C. Replace outdated heating system. Consider programmable thermostats; when HVAC maintaining request a bid to retrofit.
 - D. Research light sensors for City Hall and all other buildings; these activate lighting with movement in rooms. (This may not work in Library.)
 - E. Research the cost of adjustable awnings to keep the building warm in the winter and cool in the summer.
 - F. Replace windows with energy efficient glass (i.e. double paned or better).
 - G. Research the installation of solar tubes in City Hall for offices with no windows. This will produce natural lighting for minimal charge.
 - H. Solar power for the City Hall building.
 - I. Solar hot water
 - J. On demand hot water.
 - K. Install low flush toilets.
 - L. Research the conversion of street lights to solar power.
4. Purchase green power from Idaho Power.
5. Purchase items locally to cut down on fuel consumption associated with transportation.
6. Support local agriculture to reduce fuel consumption used in transportation:
- A. Develop planning policies
 - B. Develop a City Garden for employees on tax lot 14 as a source of produce, using sustainable growing practices.

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7. Increase rates of recycling in City operations and in the community.
Encourage citizen recycling through an incentive based rate structure.
8. Request seats on the Committee to be held by a member of the Business Association and Merchants Council.
9. Host a Green conference for local businesses, builders and developers.
Possible speakers could be Gary Christensen, President of the Christensen Group and developer for the Banner Bank Building in Boise.
10. Partner with ERC for a City or County Wide Computer and Electronics Recycling Event this spring. We are aware of two companies (from Boise, Spokane and Klakamus) that will haul away old electronics (including TVs, large monitors, etc.) for a small fee. Promotion of this could be done via *Our Town* and on the City website.
11. Continue enforcement of the *Dark Sky Ordinance*.
12. Implement a requirement into the Park Use Policy that Special Events be required to have recycle bins.
13. Bill-stuffers (i.e. energy conservation ruler) throughout the year to encourage and educate citizens of Hailey on such City Ordinances as *13.08.030 Water Conservation*, and the impact of a small leak or running toilet (with sensitivity to the need for running faucets in winter months to prevent freezing.) This can be done at minimal cost.
14. Publish city-wide success of conservation through the meter project and its impact in *Our Town*, make it a city-wide goal to have obvious results
15. Monitor parks and fields during irrigation season; aggressively cite and fine irrigation abusers (watering during the heat of the day...)
16. Xeriscape when possible.
 - A. Provide information for public use on the City website.
 - B. Provide incentives to citizens who xeriscape.
17. Research gray water use for irrigation and internal building use, such as flushing toilets.
18. Research the feasibility of consolidated area-wide Emergency Services before the end of the year

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19. Evaluate opportunities to increase pump efficiency in water and wastewater systems; recover wastewater treatment methane for energy production.
20. Encourage use of laptop computers for hardware upgrades. Laptops use up to 90% less energy than a standard computer.
21. Continue to replace flat-panel monitors rather than CRT monitors.

Long Range Action Plans

1. Set forth changes to the Building Code for energy requirements (see Construction Related Energy Issues on page 7.)
2. Continue to implement energy conservation incentives and requirements in city development ordinances and plans
3. Consider funding and use of franchise relationships to increase use of recycling containers at parks and perhaps in a few intersections on Main Street. Start with one for plastic water/soda/juice bottles and one for aluminum. Further partnerships with ERC and Clear Creek.

Education and Public Relations

1. Record quantifiable success stories.
2. Develop a section on our City Website with information about Global Warming concerning:
 - a. General information
 - b. What the City is doing to reduce its carbon footprint
 - c. Provide information to the general populace for education
 - d. Provide information and links for businesses, builders and developers
3. Host a Green conference for local businesses, builders and developers. Possible speakers could be Gary Christensen, President of the Christensen Group and developer for the Banner Bank Building in Boise.
4. Help educate the public schools, other jurisdictions, professional associations, business and industry about reducing their carbon footprint.

Construction Related Energy Issues

1. Practice and promote sustainable building practices using one or more of the available conservation standards (i.e., LEED for commercial projects and multi-family construction, Built Green for single and multi-family residential developments and remodeling projects, Energy Star for all types of construction projects).
 - A. The City of Aspen's plan will be looked at closely as a model.
 - B. Consider new incentives to developers and builders (i.e., expedited plan check, higher density).
 - C. Research impediments to emergency response with new technologies and find solutions. Of particular interest is information regarding the difficulty of putting out fires vs. actual fire loss.
 - D. Hire an additional staff person for the building department to handle the increased work load that will be brought on through support and/or mandate of LEED certification. Preliminary research from Aspen City Administrator indicated that their ordinance required additional staff.
2. Consider hiring an outside consultant to write a City Ordinance with an Energy Code. Possible federal funding for this contract could come from NEA or EEA funding per Eric Makela who helped write the current energy conservation code. (Dave has more information on this.)
3. Make energy efficiency a priority through building code improvements. For example, it could be required that projects exceed the energy compliance certificate (Rescheck) minimums by 20%.