

RESOLUTION NO. 6972

RESOLUTION APPROVING ENERGY POLICY FOR CHAMPAIGN COUNTY FACILITIES

WHEREAS, the Champaign County Administrator of Facilities & Procurement, Denny Inman, has recommended to the Champaign County Facilities Committee the institution and adoption of an energy policy for Champaign County Facilities; and

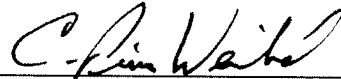
WHEREAS, the purpose of the energy policy is to reduce and manage overall energy consumption in Champaign County Facilities; and

WHEREAS, the Energy Policy is a long range plan to implement and maintain guideline which will create an optimal level of performance and energy efficiency for Champaign County Facilities, as well as institute the use of renewable energy sources wherever cost efficient in the said facilities; and


WHEREAS, the Champaign County Facilities Committee has recommended adoption of the proposed energy policy to the Champaign County Board, which said policy is attached to this resolution.

NOW, THEREFORE, BE IT RESOLVED the Champaign County Board approves the attached Energy Policy for Champaign County Facilities to be implemented immediately upon the passage of this resolution.

PRESENTED, ADOPTED, APPROVED and RECORDED this 21st day of May, 2009.



C. Pius Weibel, Chair
Champaign County Board

ATTEST: 
Mark Shelden, County Clerk and
Ex-officio Clerk of the Champaign
County Board

ENERGY POLICY FOR CHAMPAIGN COUNTY FACILITIES

Objective:

The objective of this policy is -

1. To operate energy efficient County facilities
2. Incorporate energy management into County decision making.
3. Balance life/safety with responsible energy policy/usage.
4. Implement practices that ensure efficient use of energy.
5. To encourage elected officials to utilize energy efficient practices within their offices.
6. Promote energy efficiency by example and education.

Policy:

1. It is the policy of the County Board to implement strategies which reduce overall energy consumption in County facilities and operations. The County Board recognizes that each County facility has a unique energy usage baseline and each County department has a distinctive mission which will impact energy usage.
2. This policy is designed to act as a guideline for the purchase of utilities, purchase of energy efficient equipment, remodel of existing facilities, and the operation and maintenance of existing facilities. The policy is designed to encourage personnel to continually evaluate and critique the impact of related decisions on County energy usage, energy efficiency, and budget.
3. It is the policy of the County Board to encourage the submission, review, and evaluation of County employee energy reduction ideas as to technical feasibility and cost effectiveness. The County Board will recognize County employees who contribute to the success of this policy.
4. It is the policy of the County Board to publicize energy reduction initiatives and energy usage/cost data reports for access by County employees and public.
5. **Purchase of Utilities:** The County Board and Administration will build inter-governmental and institutional partnerships which take advantage of economies of scale. The County Board and Administration will seek out innovative energy initiatives to replace or supplement existing energy sources to achieve stable utility cost for County operations.
6. **Purchase/Lease of Energy Efficient Equipment:** When purchasing new, replacing, or leasing office equipment, technological equipment, or other equipment consideration will be given to the energy efficiency of the available equipment. Unless extenuating circumstances exist the new equipment will be more energy efficient than the equipment to be replaced. When proposed equipment is more energy efficient than existing equipment but higher in cost, a cost analysis will be performed to determine if the higher cost equipment would cost less over the estimated "life" of the item due to lower energy or maintenance cost.
 - a. **Energy Star:** When available all purchases of new or replacement equipment shall have the Energy Star designation.
7. **Remodel of Existing Facilities:** All remodeling of space within County owned facilities will incorporate latest energy efficiency design information. All equipment specified within the remodeled space will be

the latest energy efficient devices. When energy efficient options cost 10% more than traditional items, a cost analysis will be performed to determine if higher cost alternatives will have a lower “life” cost due to less energy usage or maintenance cost. The cost analysis will be provided to the County Board to assist in determining final project cost

8. **Operations and Maintenance of Existing Facilities.** County facilities and supporting equipment will be maintained at a optimal level of performance and energy efficiency. Physical Plant personnel will remain current on energy conservation measures and will implement when practical.
 - a. County buildings will be maintained:
 - i. Heating Months: October-March - 68° F
 - ii. Cooling Months: April - September - 76° F
 - b. Energy usage baselines will be determined for each facility and usage reports will be provided to the County Board monthly.
 - c. Lighting fixtures which have failed or are deemed energy inefficient will be replaced when funding is available.
 - d. Lighting sensors will be installed in restrooms and conference rooms.
 - e. De-lamping plans will be designed for each County facility. Each plan will be crafted with input from the respective appointed and/or elected officials.
 - f. Boilers will be set and maintained at 120° F or the manufacturer prescribed setting.
 - g. Employees will follow prescribed energy practices and thus individual appliances (personal heaters, candles, etc.) are discouraged. If utilized the device shall be connected to motion activated sensor.
 - h. Copy machines will use “Energy Saver” mode.
 - i. Computer monitors will be shut off when not in use for more than one hour.
 - j. Vending equipment will be energy efficient.
9. **Use of Renewable Energy:** There is a preference for the use of renewable energy sources for County facilities. The County will transition to renewable power sources whenever cost-efficient. The calculation of cost-efficiency will consider cost savings over the lifetime of the renewable energy source and outside sources of funding. Renewable energy source may include solar power, wind power, or geothermal power.

Goal: Introduce and implement energy saving measures which will reduce overall energy consumption by .50/s.f. by November 2010.