

**SUBJECT: POLICY TO INCLUDE ENERGY EFFICIENCY IN CAPITAL  
PROJECTS**

Purpose: In keeping with the City's vision and commitment of creating an ecologically, socially and economically sustainable green capital city, all City of Madison agencies will work with Facilities Management when implementing a capital project that include: lighting, HVAC, and/or building envelope (including roofs) with the goal of increasing energy efficiency of the City's buildings and grounds.

Background: As a service provider, the City of Madison and its facilities and operations have a huge impact on the environment, the economy and our community. Because the City is both steward of our environment and consumer of its natural resources, it must incorporate the principles of sustainability to ensure that our current and future needs can be satisfied.

Using *The Natural Step* sustainability framework, the City is working to enhance the sustainability of its facilities and operations by reducing its consumption of fossil fuels and other materials extracted from the Earth, reducing its dependence on synthetic and persistent chemicals, and mitigating its impact on physical ecosystems. Because our community will not be truly sustainable unless our residents are healthy, safe and prospering, the City will continue to pursue policies and actions that minimize the barriers that get in the way of residents' ability to meet their basic needs. The City also intends to lead by example.

The purpose of this policy is to save energy, natural resources, and financial resources for the City of Madison, and to develop a sustainable policy that will optimize the City's capital investments in lighting, HVAC, and building envelop.

Our goals are to:

- Increase the efficiency of lighting, HVAC and building envelopes by having agencies work with Facilities Management who will assist with the design or design the system to be as energy efficient as possible.

Policy: Whenever a City Agency plans to implement a capital project that deals in any way with lighting, HVAC, and/or the building envelope, the City Agency will work with Facilities Management in order to incorporate energy efficient components into the project. This includes working with Facilities Management on creating a cost estimate, assisting with the design, and monitoring the implementation of the project. Facilities Management will either assist the design team (if there is an outside firm hired to provide architectural/engineering designs) or will design the system in-house in order to insure the highest level of energy efficiency.

  
David J. Cieslewicz  
Mayor

APM No. 6-4  
August 17, 2010