
Water Conservation Advisory Board

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Perry Been
Deputy Director

Council's Definition of Water Conservation

Those practices, techniques, programs, and technologies that will protect water resources, reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water, or increase the recycling and reuse of water so that a water supply is made available for future or alternative uses.

Council's Mission Statement

To establish a professional forum for the continuing development of water conservation resources, expertise, and progress evaluation of the highest quality for the benefit of Texas – its state leadership regional and local governments, and general public



Mission Statement

The mission of the State Energy Conservation Office is to maximize energy efficiency while protecting the environment.

Philosophy

SECO is committed to serving the citizens of Texas in the most efficient and responsive manner possible, while maintaining the highest standards of ethics, accountability, and professionalism.

Texas Government Code- Chapter 447

- 447.002 – The state energy conservation office shall develop and provide energy and water conservation information for the state.
- 447.004 – The state energy conservation office shall establish and publish mandatory energy and water conservation design standards for each new state building or major renovation project, including a new building or major renovation project of a state-supported institution of higher education.
- 447.005 – Subject to applicable state and federal laws or guidelines, the state energy conservation office may:
- (1) implement an energy or water efficiency project at a state agency; or
 - (2) assist the agency in implementing the project through an energy or water efficiency program.
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Texas Government Code – Chapter 2305

2305.032 – The energy office under the LoanSTAR revolving loan program may provide loans to finance energy and water efficiency measures for public entities



Texas State Energy Conservation Office Water Conservation Guidelines
SECO/CPA June 2002

**STATE ENERGY CONSERVATION OFFICE
SUGGESTED WATER EFFICIENCY GUIDELINES
FOR BUILDINGS AND EQUIPMENT
AT TEXAS STATE FACILITIES**

The 77th Legislature directed the State Energy Conservation Office to develop a set of water efficiency standards for state agencies. This document represents SECO's response to that request. We wish to thank the Texas Water Development Board and the City of Austin Water Conservation Office for their assistance in preparing these guidelines.

The following is a guideline that should be followed for new buildings and facilities and purchase of any new or used equipment by the State. These guidelines would also apply when purchasing new or used equipment to replace existing equipment, or for making major modifications to existing systems or equipment that equals more than half the original purchase price of the equipment. These should also be used as guides for upgrading existing equipment. A system approach should be used when examining water use in this sector. The goal shall be to balance water, wastewater, energy, and related costs to achieve the lowest lifecycle cost when purchasing new equipment or making modifications to existing equipment.

SECO Programs

Schools & Local Govt.

Energy Education

Innovative Energy

LoanSTAR

Texas Energy Partnership

Alternative Fuels

State Agency Program

Special Projects

Pantex

Housing Partnership



LoanSTAR

Low interest revolving loan program for energy efficiency building retrofits

Terms: 3% interest, 10 year simple payback

Borrowers - any public entity in Texas

196 loans, 5.7 year average project payback

Cumulative energy savings – over \$245 million since 1990

Questions?

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