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| <b>Central Texas College District<br/>Policies &amp; Procedures Manual</b> |                       |
| <b>Policy No 105: Energy and Water Management</b>                          |                       |
| Original Date: April 8, 2020   | Review/Revised Dates: |

**I. PURPOSE**

The purpose of this policy is to improve the working and learning environment for Central Texas College students, faculty, staff, and stakeholders by sustainably managing energy and water resources. CTC is committed to the effective and efficient management of energy and water consistent with maintaining a safe, secure, healthy, productive, and instructional learning and work environment. This policy establishes that the college supports, and is committed to, the statewide energy conservation effort of the Texas governor’s office, the General Appropriations Act and Government Code Section 447.004.

**II. POLICY**

It shall be the Policy of CTC to establish an Energy and Water Management Plan that:

- Meets or exceeds the requirements of state and local law;
- Identifies, implements and measures the effectiveness of utility cost reduction measures; and
- Demonstrates on-going improvements in reducing the waste of energy and water.

CTC will report progress on their Energy and Water Management Plan through the Facilities and Construction website.

**III. GUIDELINES FOR ENERGY AND WATER MANAGEMENT**

The energy and water plan will including the following:

- Assess current performance of operation and maintenance conservation practices, or begin such efforts where opportunities exist.
- Assess possibilities for modifications to existing systems to reduce energy and water use.
- Develop a list of projects to support energy and water efficiency improvements and integrate into future capital projects as applicable.
- Use deficiency and life cycle cost analysis to identify energy and water conservation opportunities.
- Assess any proposed new or replacement equipment/installation. New replacement equipment should be more efficient than existing. Utilize available utility or other incentive programs whenever possible.
- Utilize college’s architects and engineers to design energy efficient buildings and systems.
- Plan new buildings and systems to utilize energy and water-conserving fixtures and equipment.

- Maintain efficient operations of all utilities and equipment, using appropriate operational schedules whenever possible.
- Purchase more fuel efficient vehicles and equipment as older vehicles and equipment are replaced.
- Assess the use of “grey” or reclaimed water when available locally.

#### **IV. DEFINITIONS**

Energy and Water Management Plan (EWMP) – a comprehensive plan prepared by a state agency or institution of higher education that includes a progress report of utility energy and water use reduction measures, goals for reducing utility consumption, a strategy and implementation schedule, a description of methods of financing improvements, and an employee awareness plan as outlined in Texas Administrative Code Title 34, Chapter 34, Sections 19.13 and 19.14.

Sustainably - meeting the needs of the present without compromising the ability of future generations to meet their own needs.