Executive Summary
Prepared for Board of Trustees Meeting
November 15, 2022

Denton ISD Utility Management Report

Board Goal:

VI. Growth & Change … In pursuit of excellence, the district will:

> Be environmentally responsible and aggressively pursue energy efficiency and conservation principles in building design, transportation alternatives and operating procedures.

Purpose of Report

The Purpose of this Report is to inform the Board of Trustees of utility management processes in all Denton ISD's facilities from July 2021 – June 2022.
This report includes the following:

1) Total consumption and cost comparison.
2) Analysis by utility type.
3) Percentage change of energy use.

Objectives

• Provide the District with a means to monitor all utilities on a real time basis and adjust schedules as needed for a more efficient use of resources.
• Integrate high performance or green technologies within existing District facilities.
• Continue to address and meet state mandated goals for energy reduction.
• Provide safe learning environments for students, staff and public.

Operational Impact

- Continue to tightly manage building operation through the use of information and the EMS/Control System
  - Over 6,000 Pieces of HVAC Equipment
  - Over ~ 1000 Individual Points / Zones of Irrigation Control

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- Potential Opportunities
  - Addition of more solar when the opportunity allows
  - More smart meters installed to find problems more quickly
  - Energy savings at schools with recent upgrades

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Results

This information is provided to the Board of Trustees to ensure they are kept abreast of the District's energy consumption. This also provides a comprehensive plan for more energy reductions in the future. We will continue to monitor all public resources in order to offer safe and secure learning environments for students, staff and public.

Other Options

No other options are available at this time