

# Executive Summary

Prepared for Board of Trustees Meeting November 12, 2024

## Denton ISD Utility Management Audit

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### 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 Workshop

The Purpose of this audit is to inform the Board of Trustees of utility management processes in all Denton ISD's facilities from July 2023 – June 2024.

This audit 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 using current information and the BMS/Control System
  - Over 10,000 Pieces of HVAC Equipment
  - Over ~ 5000 Individual Points / Zones of Irrigation Control

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- Potential Opportunities
    - Energy study walkthrough at CH Collins and Paloma.
    - Implementation of no-cost/low-cost energy conservation measures.
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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 to offer safe and secure learning environments for students, staff, and the public.

### Other Options

No other options are available currently.