

# Energy Strategies for District Transformations

Building your better tomorrow, today.



As a district leader, you face multiple challenges including rising costs, tightening budgets, and increasing competition. **These challenges call for innovative approaches—Trane can help.**

## Enrollment

Competing against alternative education options and a declining student population is prevalent for many districts. Trane helps districts create classrooms with improved indoor environments, helping to enhance student experience and comfort to create a positive atmosphere for learning.

## Aging Infrastructure

Rising operating costs due to aging buildings, outdated systems, and deferred maintenance are significant challenges. Trane collaborates with schools to strategically plan and implement solutions that help boost operational efficiency and effectiveness.

## Operations & Procurement

Tight budgets amid rising costs call for innovative solutions. Trane's OMNIA Partners' cooperative buying contract leverages the buying power of 90,000+ public agencies to streamline procurement, helping to save both time and money.

## Community Pressures & Underfunding

Balancing community expectations, political constraints, and underfunding is crucial. Trane helps you navigate the complex educational policy landscape, serving as your single-source provider with regional expertise to contract, fund, and finance your projects.

## Student Advancement & Development

With increasing district competition, emphasizing STEM, career exploration and experiential learning that contribute to workforce skills development is vital. Trane offers hands-on, career focused education programs that help prepare students for real-world success.

## Sustainability & Resilience

Growing energy demands and grid pressures require schools to improve efficiency and resilience. Trane provides schools with modern building technologies that can help support efficient use of public resources.

## Why Trane®

Trane sees beyond buildings to the hidden potential they hold for districts, communities, and our planet. At Trane, we listen to your needs and navigate challenges through our customized, holistic approach. By converting your goals into actionable plans, we unlock the hidden potential of your infrastructure and operations.



### Beyond Equipment and Buildings

We help customers address challenges through energy-efficiency initiatives and energy-saving solutions aligned with sustainability and improved student outcomes.



### Holistic Approach

We assist schools in aligning with environmental regulations, helping to lower energy consumption and costs, modernizing infrastructure and reducing carbon footprints.



### Comprehensive Understanding

From energy efficiency to regulations to project funding, we're strategic advisors that K-12 districts can leverage to meet their goals.



### Strategic Collaboration

We help create programs that deliver more efficient and less expensive operations, improve student outcomes and increase competitiveness.

## Ongoing Success Stories



### Hardin County Schools

**Highlights:** Performance-based guaranteed energy savings project to fund building upgrades, including the implementation of STEM learning opportunities for students.

**\$280K** Projected Annual Savings in Energy Costs

**900** Metric Tons Of CO2 Emissions Projected Annual Savings

**15K** Students Benefiting from Improvements to Learning Environment

**Results:** District-wide upgrades expected to provide more than **\$280,000** in annual energy costs while driving STEM learning opportunities. Project includes **LED lighting, solar installations, geothermal HVAC systems, renewable energy solutions.**



### Ozark Schools

**Highlights:** Modernized infrastructure with sustainable, cost-effective improvements funded through a clean energy tax credit and performance contracting. Received national and local recognition for implementation of innovative sustainable technology.

**\$98K** Annual Savings from Solar Panels at One Building

**\$14.8M** Comprehensive, Energy-Efficient Upgrades

**Results:** Ozark's ongoing upgrades have reduced energy bills and improved the learning environment. Project includes **LED lighting, solar installation, district-wide building controls, Investment Tax Credit (ITC) via the IRA.**



### North Shore District 112

**Highlights:** Combined community referendum funding with significant federal and local incentives to reduce costs. Project features the nation's first vertically oriented Dynamic Closed Loop (DCL) geothermal system.

**40-50%** Saved in Tax Credits and Incentives

**\$3M** Total Project Savings

**1<sup>ST</sup>** Of its Kind to be Installed in the U.S.

**Results:** Saved over **\$3M** on a **\$6.67M** project by leveraging funding and incentive options. The district expects ongoing operational savings and a **30% reduction** in its carbon footprint, thanks to a **closed loop geothermal system**. Trane's **OMNIA Partners** contract streamlined procurement, helping the district pioneer energy-efficient infrastructure.



For more information, visit [trane.com/k12](https://trane.com/k12).

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