



TRANE®



WENTZVILLE
SCHOOL DISTRICT
LEARNING TODAY, LEADING TOMORROW

Comprehensive Energy & Infrastructure Solutions
Energy Performance Update – Year 1

September 16, 2021

Project Update – Year 1 Energy Performance Project Savings

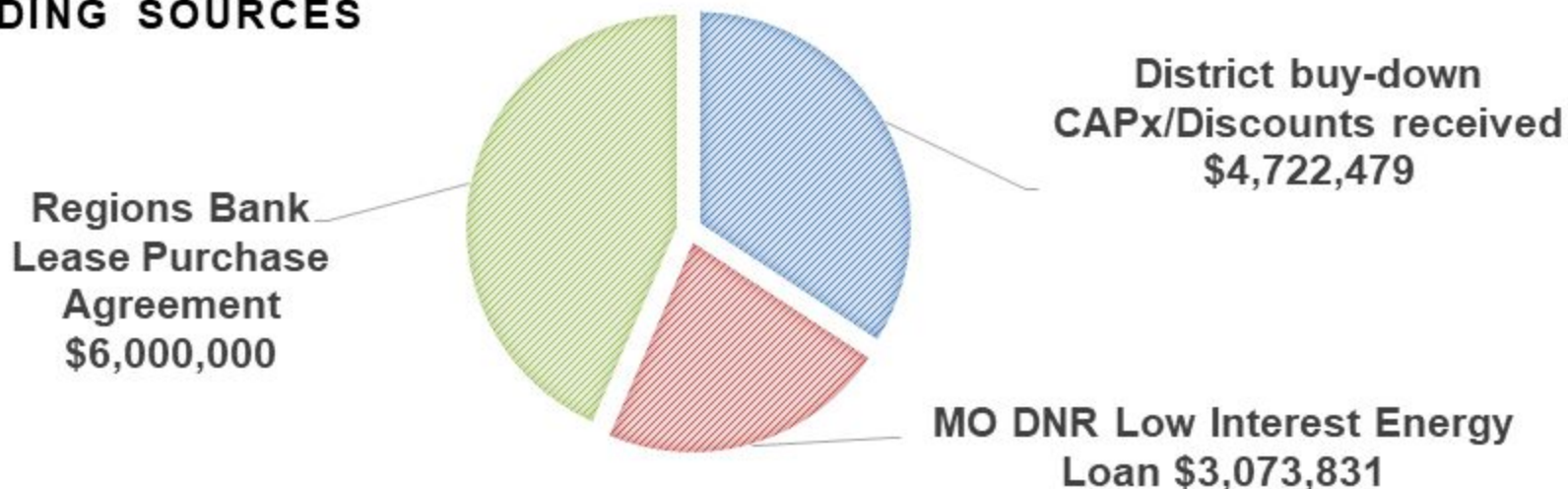
RsMO 8.231 Energy Performance Contracting Program

2018 - Trane was competitively selected through RFP process and completed comprehensive energy and infrastructure upgrades for District legacy buildings including: Holt High, South Middle, Wentzville (Town) Middle, Heritage Primary & Intermediate and Kindergarten.

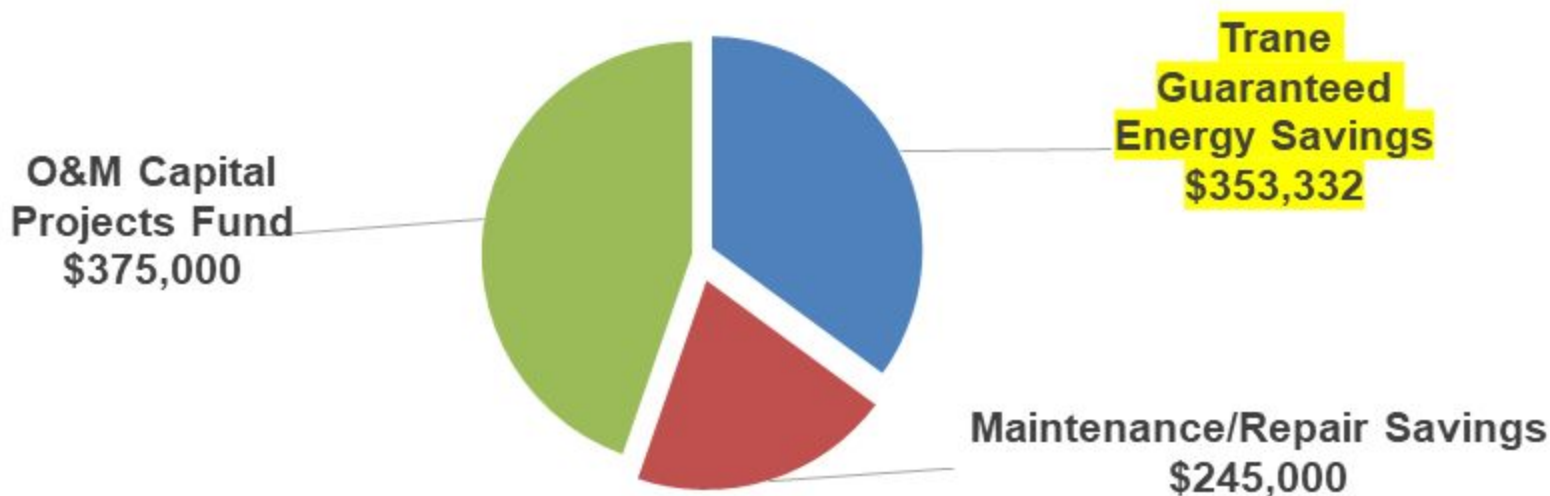
Main upgrades included:

- New high-efficiency LED lighting
- New HVAC equipment, including: Ice Storage, additional comfort cooling, replacement /improvements to boilers systems
- New Building Automation Controls + System scheduling/optimization
- Building Envelope Improvements

PROJECT COST: \$13.8M FUNDING SOURCES



Annual Savings to offset Debt Service



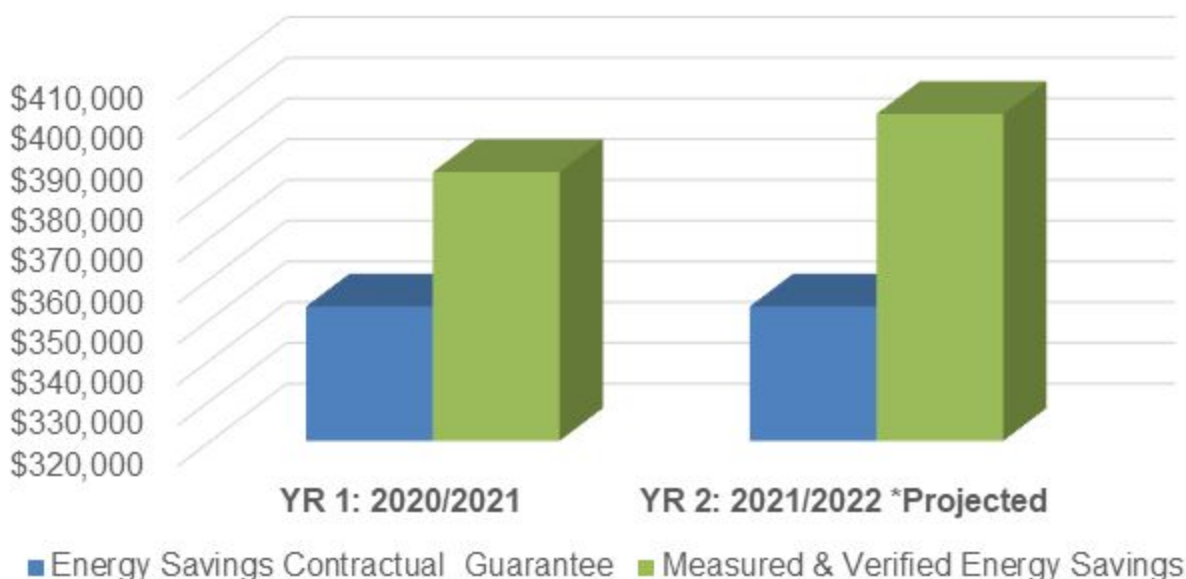
Trane Annual Energy Savings Measurement & Verification Process

February – January 31 / 15 year Performance Term beginning Year 1 2020-2021

Monitored and verified by Trane Energy Engineers using units of energy (Kwh/Therms)/ utility rates

Project Update – Year 1 Energy Performance Project Savings

Wentzville School District Energy Performance Contract Annual M&V Energy Savings \$



Project performance to date:

2020 – 2021: Year 1 measured and verified energy savings: **\$386K (+33K over contractual guarantee)**

2021 – 2022: Year 2 *projected energy savings: **\$400K+ (+46K over contractual guarantee)**

**The actual Year 2 energy savings will be verified and finalized early March 2022*

Project Update – Year 1 Energy Performance Project Savings

