



Performance
Services

Arkansas Tech University Energy Saving Report for 2020



**ARKANSAS TECH
UNIVERSITY**

Energy Savings for 2020



Guaranteed Savings



Measured & Verified Savings

Savings exceeded the guarantee by \$59,503 or 14.5%

Project Description

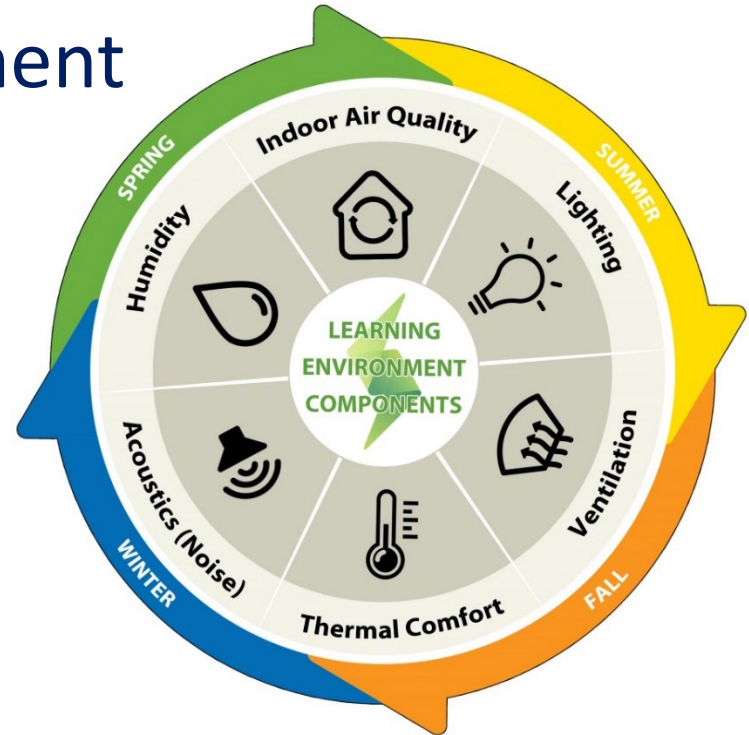


- Energy Leadership program
- LED lighting campus-wide upgrade
- Building automation controls upgrade
- Fume hood retrofit and controls upgrades
- Cafeteria exhaust hood conversion to demand based control

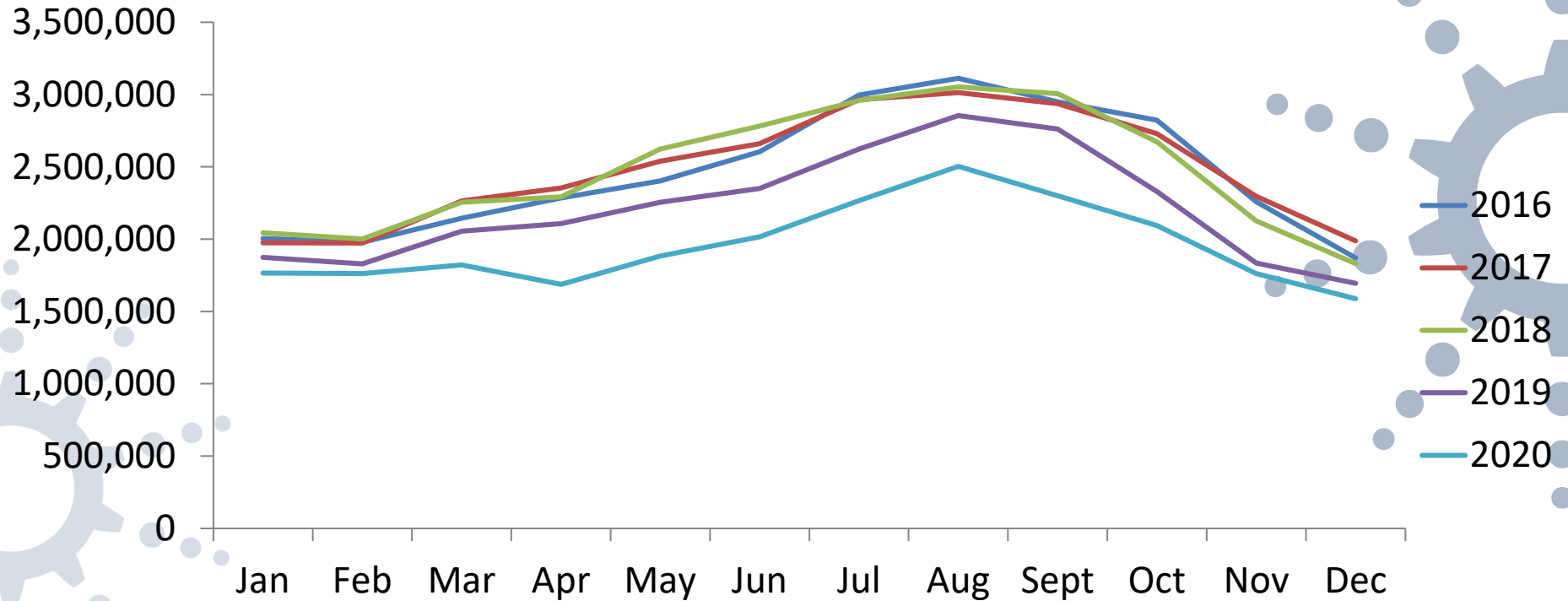


Additional Project Benefits

- Optimal Learning Environment
- System Reliability
- System Longevity
- Operational Savings

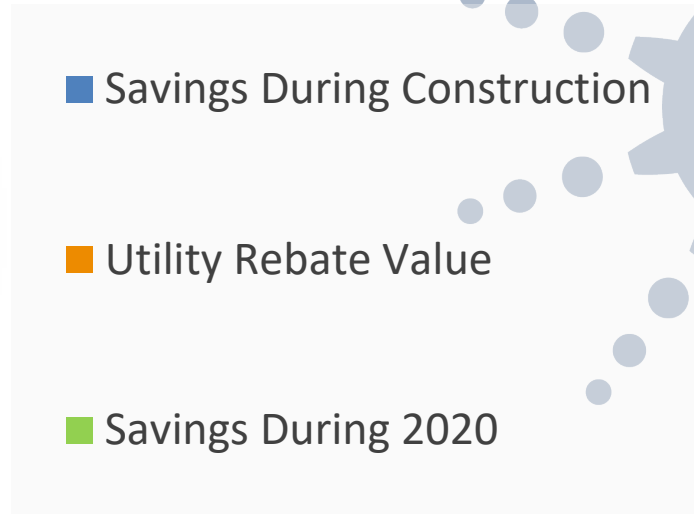
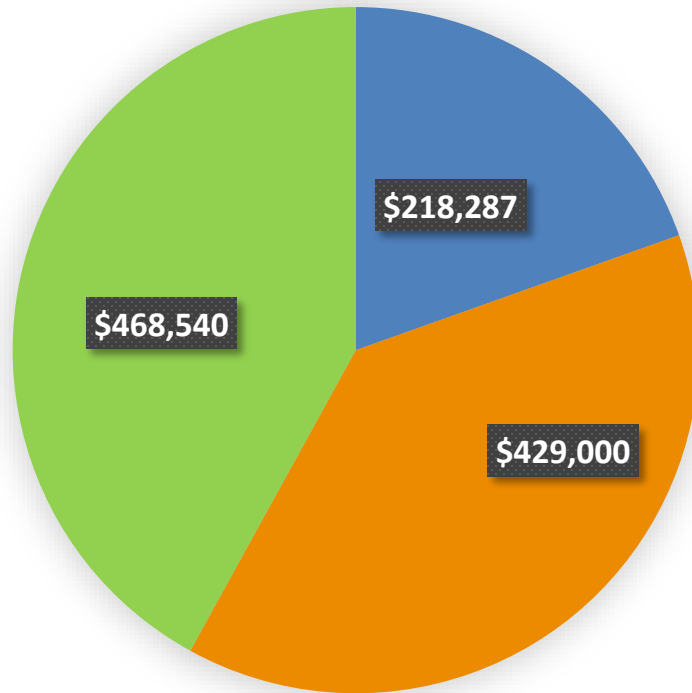


Real Energy Impact



Actual Electrical Use in kWh by Month

Financial Impact through 2020



Total Benefit to ATU of \$1,115,827

ATU Energy Policy Recommendations



- Individual Responsibility
 - Eliminate wasted energy by turning things off when not in use, limiting the presence and use of personal appliances, limit working in buildings outside of normal working hours, keep doors and windows closed that separate conditioned spaces and non-conditioned spaces
 - Institutional Responsibilities
 - Purchase Energy Star rated equipment, set all electronics to utilize energy saver mode and manage their operation in the most efficient manner, turn off all equipment and systems when outside of normal operating hours
 - HVAC Systems Operation
 - Utilize standard temperature settings throughout the campus during normal operating hours, limit system operation outside of normal operating hours, and set systems to limit ventilation and humidity when outside of normal operating hours
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