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Utility Costs

- ❑ 75% - Electricity
- ❑ 15% - Water and Sewer
- ❑ 10% - Gas

2014/2015 - \$1,033,078

2015/2016 - \$1,002,663



Historical Costs Per Square Foot

Building	2005	2015	2016
RPA/Freshman Center	.83	.64	.67
Eagle Glen	.85	.81	.75
Timber Creek	.86	.70	.77
Stonegate	.92	.86	.87
Shull	1.03	1.03	1.10
South High School	1.03	.95	.96
North High School	1.06	.88	.90
Peculiar	1.14	1.11	1.04
Raymore	1.28	1.18	1.17
Creekmoor		.95	1.00
Bridle Ridge		1.07	1.07
East Middle School		.92	.99
All School Buildings	\$1.00/ft² (725,042 ft²)	\$.92/ft²	\$.93/ft² (988,279 ft²)



Rates

2005  2016

- Electricity – Increase of 46%
- Water and Sewer – Increase of 29%
- Gas – Decrease of 30%
- Total Utility Rates – Increase of 36%**



Energy Savings

- ❑ Automation of HVAC and lighting
- ❑ Replacement of Roof Top Units
- ❑ Roof replacement at Raymore Elementary (2006)
- ❑ Upgrades of Lighting (mostly in 2016)
- ❑ Effective Energy Management Program



Energy Manager

-Van McLain

➤ Ensure effective and efficient use of district funds.

- ↳ Tracking of utility expenses and savings
- ↳ Liaison between district and utility companies
 - ↳ Eagle Glen gas discrepancy
 - ↳ Overpayment of taxes
- ↳ Oversight of building efficiency plans and shutdowns
- ↳ Completing building audits on a regular basis
- ↳ Presentations to custodial staff

➤ Constantly looking for improvements

- ↳ Working with staff to find rebates and upgrade lighting
- ↳ Attend conferences and bring back fresh ideas

Highlights



↳ Savings

- ↳ 2016 Calendar Year: \$446,183
- ↳ Cumulative Savings of Program: \$4,496,966

↳ Rebates

- ↳ \$126,902 in rebates (\$135,313 value) of lighting upgrades at a cost of \$8,410
- ↳ \$16,343 in rebates for previous RTU upgrades

↳ Goals

- ↳ Minimal increases to building energy budgets in the face of increasing usage and rates
- ↳ Maintain and improve upon the ongoing 30% relative savings



Questions?

