

Cenergistic®

The Energy Conservation Company

Nordonia Hills City Schools Energy Program

- We want our community to know that at **Nordonia**, we are good stewards of taxpayer dollars & are motivated to reduce our carbon footprint.
- **Nordonia Hills City Schools** partnered with Cenergistic in late 2015 to implement an Energy Conservation Program.
- The Energy Specialist, **Trish Woods**, works with all staff including maintenance, custodians, kitchen, office, teachers, coaches, administrators, to drive savings on our utilities.

The Results: *Making an Impact*

Saving money allows the school district to:

- ⇒ Preserve important programs
- ⇒ Fund new and replacement equipment

Additionally:

The program makes an environmental impact reducing greenhouse gas equating to:

- ⇒ Taking multiple cars off the road
- ⇒ Growing additional tree seedlings
- ⇒ Lowering our carbon footprint

For more information about Cenergistic in the Nordonia Hills City Schools contact Trish at trish.woods@nordoniaschools.org or visit the Cenergistic website at: <http://www.cenergistic.com/>

Cost per Floor Area per Building One Year before Program

Billing Period between Aug 2014 and Jul 2015

Rank	Place	Current Floor Area	Total Cost	Cost /Floor Area
1	EATON : Lee Eaton Elementary Sch	64,719	\$51,546.44	\$0.80
2	NMS : Nordonía Middle School	115,067	\$118,325.43	\$1.03
3	LEDGEVIEW : Ledgeview Elementar	66,438	\$76,159.22	\$1.15
4	RUSHWOOD : Rushwood Elementar	49,194	\$61,094.49	\$1.24
5	NHS : Nordonía High School	227,862	\$335,304.28	\$1.47
6	MAINT/TRANS : Maintenance/Trans	9,600	\$14,549.71	\$1.52
7	NORTHFIELD : Northfield Elementar	63,072	\$96,646.33	\$1.53
		Total	Total	Average
	Summary:	595,952	\$753,625.90	\$1.26

Cost per Floor Area per Building ONE Year with Energy Program

Billing Period between Aug 2015 and Jul 2016

Rank	Place	Current Floor Area	Total Cost	Cost /Floor Area
1	EATON : Lee Eaton Elementary Sch	64,719	\$41,994.57	\$0.65
2	NMS : Nordonía Middle School	115,067	\$102,402.50	\$0.89
3	LEDGEVIEW : Ledgeview Elementar	66,438	\$61,165.08	\$0.92
4	RUSHWOOD : Rushwood Elementar	49,194	\$52,655.78	\$1.07
5	NHS : Nordonía High School	227,862	\$299,476.78	\$1.31
6	MAINT/TRANS : Maintenance/Trans	9,600	\$13,371.09	\$1.39
7	NORTHFIELD : Northfield Elementar	63,072	\$89,132.43	\$1.41
		Total	Total	Average
	Summary:	595,952	\$660,198.23	\$1.11

Year One Energy Savings with Program

Energy Conservation Program CAP - 19

July 2016

Cumulative Cost Savings

Expected Energy Cost	\$710,963
Actual Energy Cost	\$618,848
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Program Savings	\$92,115
Percent Savings	13.0%
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Other Savings	\$0
Total Savings	\$92,115



Expected Energy Cost

Anticipated expense without energy management. Base year usage after adjustments for such variables as changes in weather, equipment, schedules, occupancy and prices.

Actual Energy Cost

Actual utility costs obtained

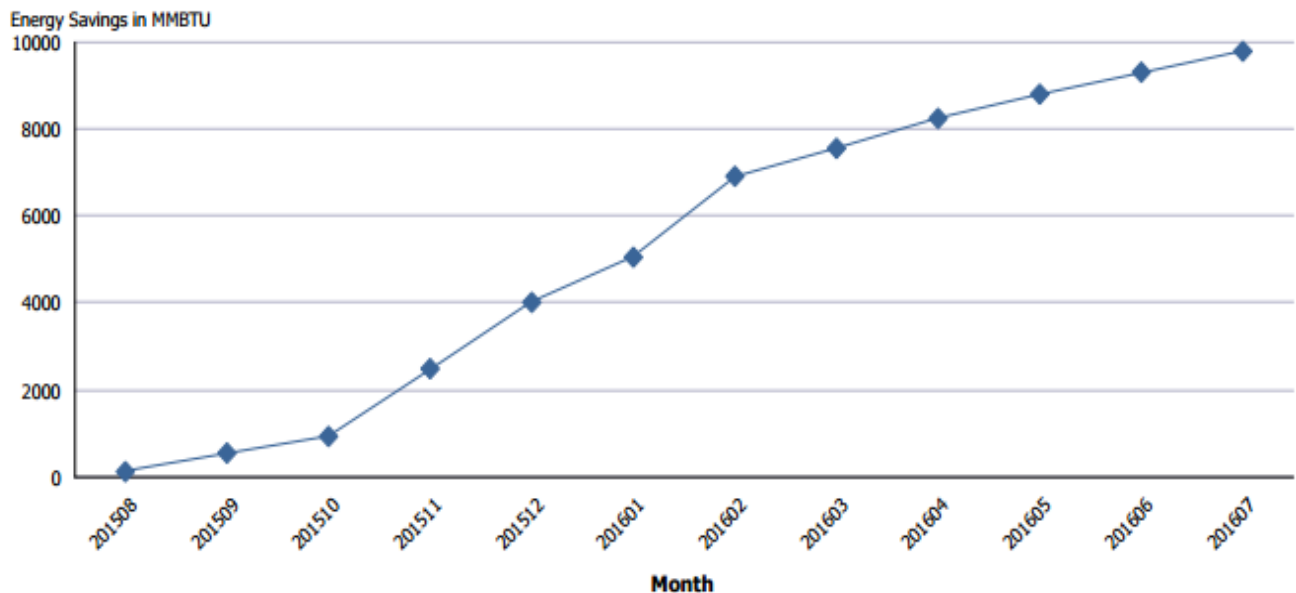
Other Savings

Additional documented savings attributed to program activities but not the direct result of usage reductions.

Program Savings

The difference between the expected and actual cost, calculated in accordance to the International Performance Measurement and Verification Protocol. Does not include savings attributable to reduced equipment maintenance and replacement costs and other collateral benefits.

Cumulative Energy Savings



Cumulative Greenhouse Gas Reduction

Energy Reduction Impact: 9,772 MMBTU 854 equiv. metric tons of CO₂

This is equivalent to the following:

Passenger cars not driven for one year:	178
Tree seedlings grown for 10 years:	21,897