



# Board Report

Motz Engineering Update

October 26, 2015



**DUKE ENERGY INCENTIVES  
FOR  
BOND LEVY PROJECTS  
FOR  
FOREST HILLS LOCAL SCHOOL DISTRICT  
OCTOBER 26, 2015**



SCHOOL	DATE	INCENTIVE AMOUNT REQUESTED	INCENTIVE AMOUNT RECIEVED
Anderson High School			\$0
Turpin High School			\$0
Nagel Middle School	September 30, 2015	\$10,500	\$0
Ayer Elementary School *	August 28, 2015	\$ 1,685	\$1,685
Maddux Elementary School			\$0
Mercer Elementary School			\$0
Sherwood Elementary School			\$0
Summit Elementary School			\$0
Wilson Elementary School			\$0
<b>TOTAL</b>	- -	\$12,185	\$1,685

\* COOL ROOF ONLY – More to follow for Ayer

# Wilson Elementary School

## Duke Energy - Energy Design Assistance



- A meeting with Duke Energy has been set up for this Friday to discuss the following program:
  - Energy consulting services and predictive energy modeling
  - Construction incentives for a package of whole-building energy opportunities – from building envelope, lighting and cooling to heat recovery
  - Support for your project’s sustainability goals
  - Savings calculations
  - Measurement and verification
  - Professional, unbiased engineers
  - Comprehensive whole-building approach

# Pre-purchase of MEP Equipment



## A/C Equipment

- AHS – 2 Chillers & 2 Towers
- Maddux – Air Cooled Chiller
- Summit – Air Cooled Chiller
- Wilson – Air Cooled Chiller

## Heating Equipment

- AHS – 1 Boiler
- THS – 2 Boilers
- Summit – 2 Boilers
- Wilson – 2 Boilers

## Electrical Equipment

- AHS – Generator
- THS – Generator – Maybe
- Wilson - Generator

## AHU Equipment

- AHS
- THS
- Wilson

# District Wide Building Automation System



- Bid package to be on the streets in mid to late November.
- All buildings will be equipped with the same control system which can be controlled over the Internet from virtually anywhere.
- We have invited five local contractors to demonstrate their capabilities and experience.
- We made a field visit last month to Xavier University to look at their new system.