

THORNTON TOWNSHIP
DISTRICT 205
BOARD OF EDUCATION
MEETING
MARCH 9, 2011

✧ Serving All or Portions of the Following Communities:

*✧ Blue Island * Burnham * Calumet City * Dixmoor * East Hazel Crest * Harvey *
✧ Hazel Crest * Lansing * Markham * Phoenix * Posen * Riverdale * South Holland * Thornton*

OPEN SESSION

ROLL CALL

- ✘ Please make certain that your cell phones are silent.
- ✘ Thank You

EXECUTIVE SESSION

COMMITTEE OF THE WHOLE OR EXEC SESSION

- Report from Curriculum Committee
- Report from Finance Committee - Thornton HVAC
- Report from Policy Committee

Wednesday, November 3, 2010

- Board of Education Approved:
 - Installation of an electric heating and air conditioning system (\$13,838,920)
 - Peak shaving generator (\$2,139,733) for Thornton Township High School
 - Total approved \$15,978,653

Peak Shaving Generator Capacity Recap

- Planned capacity allows for heating and air conditioning system to function without electricity.
- To increase capacity to allow instruction to continue without electricity will require an additional \$1,500,000
- The power outage at Thornton on XXX would not have effected students if a peak shaving generator with instructional capacity existed.

SYSTEM COST COMPARISON

Previously Board

Approved System

Air Source

Water Source

Difference:

Heat Pump System:

Heat Pump System:

Equipment Life

12-15 yrs

28-30 yrs

UP FRONT COSTS:

Budget Cost:

\$13,839,000.00

\$16,344,000.00

(\$-2,505,000.00)

ANNUAL COSTS:

Energy Cost/Year:

\$282,462.00

\$176,226.00

\$106,236.00 / year

Yearly Maintenance Cost:

\$45,000.00

\$38,000.00

\$7,000.00 / year

TOTAL COSTS OVER 30 YEARS:

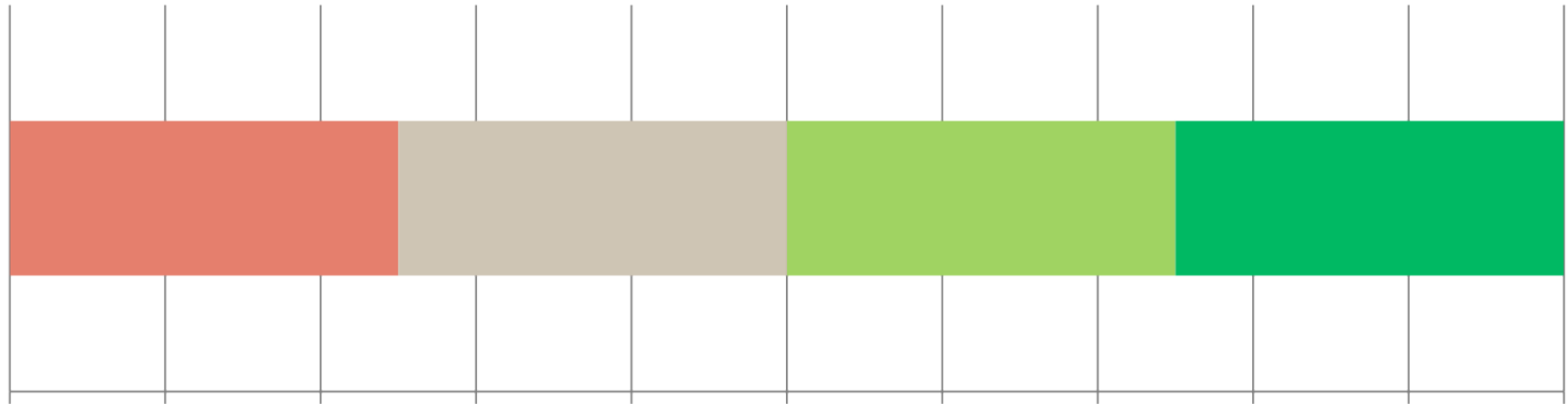
Life Cycle Cost (30 years):

\$54,341,280.00

\$47,899,230.00

\$6,442,050.00

Energy Efficiency



Minimum Energy
Efficiency

Maximum Energy
Efficiency

■ Electric Air Heat Pump System

■ Two-Pipe System

■ Water Source Heat Pump System

■ Geothermal Heat Pump System

System Comparison

Electric

- Pros
 - Lower up front costs
 - Heating & cooling from same unit
 - More efficient than a forced air system
 - Good individual room temperature control

Water Assisted

- Pros
 - Heating & cooling from same unit
 - More energy efficient than an electric system and forced air system
 - Will utilize existing outdoor openings
 - Good individual room temperature control

System Comparison

Electric

- Cons
 - Electric system, and electric rates are usually higher than gas
 - Higher energy costs
 - Life expectancy of 12 – 15 years
 - New power must be run to every classroom
 - Units require larger wall openings than standard units
 - Units are larger than existing classroom units

Water Assisted

- Cons
 - Higher up front costs
 - Life expectancy of 28 – 30 years
 - New power must be run to every classroom

Funds Available for Capital Improvement

- \$1,078,205 – IDEA (Individuals with Disabilities Education Act) ARRA (American Recovery and Reinvestment Act) funding that has been allocated to capital projects (Thornton Windows, Thornton Auditorium, and Cafeterias).
- \$677,000 – Life safety work on HVAC system not necessary with system being replaced.
- \$885,000 – Approved Thornton District 205 has responded to six Freedom of Information Act requests since the last board meeting. A response was mailed/ emailed within five business days.
- \$2,640,205 – Total Available

PLEDGE OF ALLEGIANCE



CONSENT AGENDA

- Approval of Minutes: Regular Meeting and Executive Session of February 9, 2011
- Approval of District 205 Bills
- Approval of ECHO Bills
- Personnel: Approval of Resignations, Leave of Absence and Employment

STUDENTS

- Discipline
- Graduation Exemption

FOIA

✕ Mr. Steven Gress

FREEDOM OF INFORMATION

- ✘ District 205 has responded to six Freedom of Information Act requests since the last board meeting. A response was mailed/emailed within five business days.

COMMUNICATIONS

- ✖ Community Awareness
- ✖ Mr. Jerry B. Doss



District 205 Recognizes Women's History Month

Mrs. Elizabeth Ware

- Graduated from Governors State University
 - 1975 Bachelors Degree
 - 1976 Master's Degree
- Thornton Township High School Teacher
 - 1977-1995
- Board of Education Member/Secretary
 - 1995-2010



District 205 Academic Enrichment Foundation

- Established in 2001

- Mission:

To acquire and distribute resources in support of District 205 programs and projects aimed at enhancing, enriching and supplementing learning opportunities for students, staff and the community.

- Support:

The Foundation is dedicated to educational excellence for all staff lead activities in District 205

- United Nations Summer Leadership Academy
- District 205 25 Book Campaign
- District 205 Schaumburg Student Exchange
- District 205 Music Programs
- S.A.V.E.
- District 205 Student Board of Education

- Awards \$500 grants for enriching activities for District 205 students



Fundraising for District 205's Foundations

- Commemorative Brick Sales
 - *Brick walks located at each building*
 - *Targets alumni and former staff*
- Reaching for the Stars Gala
 - *Primary fundraising event*
 - **April 16, 2011** *Serbian Hall Lansing*
 - *Since 2004 the Academic Enrichment Foundation raised over \$130,000 to support district programs*
 - **2011 Fundraising Goal - \$30,000**
- Star Appeal
 - *Annual Giving Campaign*
 - *Incremental Tax Deductable Pay-roll*
 - **2011 Campaign Goal - \$10,000**



District 205 Academic Enrichment Foundation

Major Partnership AT&T Foundation Grant

- Partnership
 - *One year partnership to underwrite cultural and academic enrichment activities of the United Nations Summer Leadership Academy.*
 - *Travel the United Nations in New York*
 - *Planned trip to Europe or Asia*
 - *Planned year-round activities for feeder school students.*
 - *Grant Amount : \$50,000*

Thornton Alumni Legacy Fund

- Founded in 2004

- Mission:

To create and sustain the Thornton Township High School legacy with an annual and capital funding base, which provides academic, co-curricular and cultural enrichment opportunities for TTHS students.

- Special Projects

- Thornton Alumni Distinguished Speaker Series
- Dan Ustian, Lorna Propes and John Rogers
- Thornton Alumni Day and Alumni Hall of Fame



- Support:

Alex Ustian Scholarship, Marv Austin Scholarship, National Foundation for Teaching Entrepreneurship (NFTE), Thornton Township Academy of Truck & Diesel Technology powered by Navistar, Yearbook, Athletics & Drama

Thornton Alumni Legacy Fund

Primary Fundraising Events

- TALF Wildcat Open
 - *Primary Fundraising Activity*
 - *Raises over \$100,000 annual to support endowment and immediate needs*
 - *2011 Wildcat Open: September 12, 2011 Calumet Country Club*
- TALF Alumni Day
 - *Induction of Notable alumni and faculty into the Thornton Alumni Hall of Fame*
 - *Alumni Day: May 13, 2011 Thornton Township High School*
- Thornton McLegends
 - *Partnership with McDonalds and Southtown Star: April 15 – 16.*
- TALF Auditorium Seat Restoration
 - *Fundraiser for interested alumni and other who want a piece of TTHS history. Refurbished auditorium seats are available through TALF*
Contact Kay Rampke 708-225-4097

TALF Auditorium Seat Restoration



TALF Contact Kay Rampke 708-225-4097

Gates Scholar 2011 National Competition

Five District 205 Students Advance to the Second Round

- Thornridge High School
 - Jason Jones
- Thornton Township High School
 - Jeremiah Whittington
 - Brianna Sullivan
 - Tandreya Harris
- Thornwood High School
 - Habibat Oguntade

Upcoming Events

March

- **Mar. 11** - End of Quarter 3
- **Mar. 12** - SAT Test
- **Mar. 13** - Daylight Saving Time Starts
- **Mar. 14** - Beginning of Quarter 4
- **Mar. 15** - 3rd Quarter Grades Due
- **Mar. 16** - Late Start
 - Curriculum Committee Meeting at 6 - 9pm- T-107 (Thornton)
- **Mar. 17** - St. Patrick's Day
- **Mar. 18** - April ACT Late Registration Deadline
- **Mar. 28 - Apr.1** - Spring Break (**NO SCHOOL**)

Upcoming Events

April

- **Apr. 1** - Spring Break (**NO SCHOOL**)
- **Apr. 8** - SAT Registration Deadline for May 7
- **Apr. 9** - ACT Test
- **Apr. 12** - Finance Committee Meeting at 10 am - District Office
 - Student Board of Education Meeting at 4 pm - Thornton
- **Apr. 13** - Late Start
 - Board of Education Meeting at 6pm - Thornton High School (Cafeteria)

UNFINISHED BUSINESS

- Ratification of Out-of- State Field Trip (Policy 6:240) - Mrs. Williams (Approval Needed) (3 Minutes)

NEW BUSINESS

- Recommended Approval of FCCLA(Family Career & Community Leaders of America) State Leadership Conference (Policy 6:240) - Mrs. Williams (Approval Needed) (3 minutes)

NEW BUSINESS

- Recommended Approval of Comcast Telecast of McLegends All-Star Basketball Game at Thornton High School (Policy 8:20) - Mr. Ratliff (Approval needed) (3 minutes)

NEW BUSINESS

- Recommended Approval of 2011-2012 School Calendar (Policy 6:20) - Dr. Lyke (Approval needed) (3 minutes)

Recommended Approval of the **2011-2012** School Calendar



Teacher Institute Day

August 15, 2011

Student's First Day of School

August 16, 2011

Winter Holiday Break

**December 24, 2011-
January 6, 2012**

Spring Vacation Break

**April 6, 2012 –
April 13, 2012**

Last Day of School*

May 30, 2012

***ASSUMING NO EMERGENCY DAYS ARE USED**

NEW BUSINESS

- Recommended Approval of Additional Cost for Thornton HVAC (Policy Section 4:60) - Mr. Gress (Approval needed) (10 minutes)

Thornton HVAC System

- The Board of Education has previously approved \$15,978,653 for an electric HVAC system and peak shaving generator.
- A water assisted system is projected to provide a long term savings to the district of \$6,442,050, and will allow the proposed peak shaving generator to provide enough power for classroom instruction.
- The additional cost for a water assisted system is projected to be \$2,505,000.

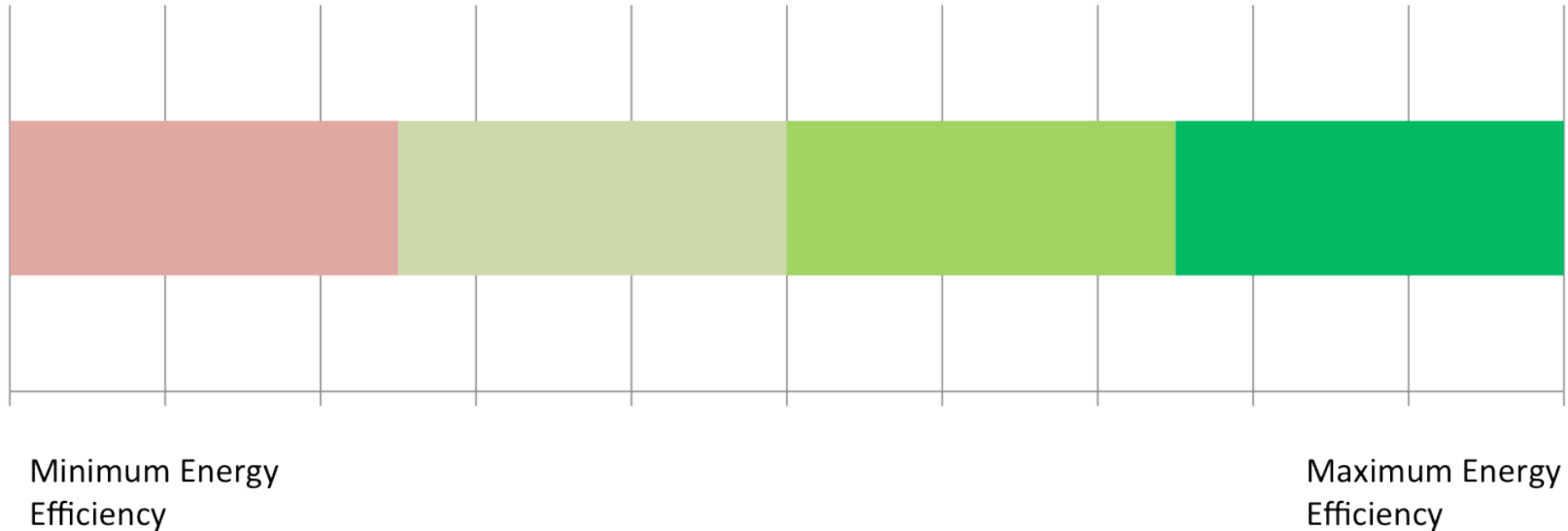
NEW BUSINESS

- Recommended Approval to Submit School Energy Efficiency Project Grant (Policy Section 4:30) - Mr. Gress (Approval Needed) (2 minutes)

School Energy Efficiency Project Grant

- The Thornton window replacement project qualifies for as an energy efficiency program, and District 205 will be submitting an application for the grant.
- If awarded the District can receive up to \$250,000 in funding assistance on the project.
- Grant applications are submitted by building to maximize the amount the district is eligible to receive.

Energy Efficiency



■ Electric Air Heat Pump System

■ Two-Pipe System

■ Water Source Heat Pump System

■ Geothermal Heat Pump System

MISCELLANEOUS

SUPERINTENDENT'S REPORT

- Cyber Bullying Policy

PUBLIC PARTICIPATION

- We now open the Public Participation section of our agenda. At this time, members of the community are invited to address the Board.
- We ask that you state your name and town and that you limit your remarks to three minutes.
- In addition, if your comments are of critical nature about specific people, the Board requests that you present your comments during the personnel portion of the “Executive Session”.

ADJOURNMENT
