



PLACE
STAMP
HERE

**Important
Informational
Meeting**

Hosted by the SBRSD School Committee

January 21, 2015, 6:30 PM

**TACPAC at Mt. Everett Regional
School**

Southern Berkshire Regional School District

491 Berkshire School Road, Sheffield, MA 01257



**THE SBRSD ROOF/BOILER PROJECT
AT MT. EVERETT/UNDERMOUNTAIN
SCHOOL**

WITH GRANT ASSISTANCE FROM

**THE MASSACHUSETTS SCHOOL
BUILDING AUTHORITY (MSBA) AND
DEPARTMENT OF ENERGY RE-
SOURCES (DOER)**

*For more detailed information on the project,
please visit:*

www.sbrsd.org

SBRSD ROOF

Why Does the Roof Need to Be Replaced?

- Test cuts into the roof membrane and insulation revealed that the insulation is wet. There have been leaks into the building on rainy days requiring buckets to be placed in certain areas. Skylights are also leaking and need replacement.
- The 190,000 square foot roof is 23 years old and 13 years past its warranty.
- Multiple engineering studies recommend replacing the roof at this time (including EDM and Dietz & Company Architects).

What is the Project Plan for the Roof?

- The scope of construction will include replacing the roof membrane, insulation, flashing, and adding a code-required, roof drainage system to reduce the possibility of overload due to backed up water as well as a code-mandated, structural reinforcement of the roof decking.
- The new roof project must comply with the revised Massachusetts Stretch Energy Code that mandates increasing building efficiency values. This project in combination with other recent energy-saving initiatives will result in a 20% improvement of building energy performance.
- The new roofing will have a 72 mil membrane with a 25-year warranty, almost doubling the thickness of the current membrane.

SBRSD BOILERS

Why do the Boilers Need to Be Replaced?

- All 3 boilers need replacement due to age and poor condition. One boiler is cracked and out of service. Two are leaking and will hopefully bring us through the FY15 heating season.
- The boilers are 23 years old, original to the building, and have exceeded their life expectancy.
- Multiple engineering reports confirm that all 3 boilers must be replaced immediately.

What is the Project Plan for the Boilers?

- With grant assistance from the DOER, the District will replace the existing 3 oil boilers with 2 biomass boilers fueled by wood pellets and 1 oil boiler. These boilers have a 25 year estimated lifespan.
- This hybrid pellet/oil system will eliminate the consumption of approximately 50,000 gallons of fuel oil through the burning of 600 tons of pellets annually.
- By heating with pellets, the District will reduce CO2 emissions by approximately 85%.
- It is projected that the District will save between \$40,000 and \$50,000 annually on fuel consumption.
- As per a new Massachusetts law, the District will have the added benefit of earning approximately \$40,000 per year by selling Alternative Energy Credits to utility markets.

FINANCING

What will the Roof and Boiler Project Cost?

The SBRSD has secured a significant grant from the MSBA to cover 39.21% of the project costs. Periodic construction payments will be shared by SBRSD and the MSBA.

*Maximum Total Project Estimate **includes a 10% contingency.** The District will be financing only what is actually needed and the portion not covered by grants.*

Total Project Estimate	\$7,741,013.00
MSBA Grant (39.21%)	-\$2,743,157.00
DOER Grant (Pellet Boilers)	-\$ 360,000.00
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District Portion	\$4,637,856.00

PROJECTED TOWN SPLIT OF BOND ISSUE

20 YEARS AT 4% INTEREST

SAMPLE FIRST-YEAR PAYMENT AMOUNT BASED ON FY15 ASSESSMENTS

ALFORD	3.34%	\$ 14,552.00
EGREMONT	11.55%	\$ 50,372.00
MONTEREY	10.53%	\$ 45,895.00
NEW MARLBOROUGH	20.80%	\$ 90,670.00
SHEFFIELD	53.79%	\$234,511.00
TOTAL		\$436,000.00

First bond payment for towns will be due in Fiscal Year 2017