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## New Paltz School District Eyes Savings From Energy Project

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By WILLIAM J. KEMBLE  
Correspondent

NEW PALTZ — A work plan is nearing completion on a \$3.94 million project school officials hope will cut the district's energy costs by 35 percent.

The project list, being prepared by consulting firms ECG Engineering, LLC. and Ameresco, Inc., was reviewed at a school board Facilities Committee meeting Wednesday.

The project, expected to receive \$2.47 million in state aid, would be financed with bonds. Assuming a 5 percent interest rate, payments over the 15-year life of the bonds would total \$6.24 million.

District business manager Richard Linden said that without state aid, the district would have to pay an additional \$69,304 annually.

“The way the state figures up the formula is they figure you pay the bond over 15 years but they calculate the savings over 18 years,” he said. “If you look at years 16, 17, and 18, those years, instead of costing you \$70,000, save you (up to \$462,399 annually) and so the net over 18 years comes out to the \$307,000 savings.”

Energy costs over the 18-year period are expected to be reduced to \$11.95 million over the period for \$6.4 million in savings.

Equipment to be installed in the project includes:

- Building management systems at \$1.57 million.
- Lighting system improvements at \$776,124 with controls adding another \$204,685.
- Exterior lighting installation costs at \$302,603.
- Steam trap replacements at \$172,295.
- Kitchen exhaust hood systems at \$148,810.
- Ventilator replacements at \$119,863.
- Boiler repiping at \$72,233 and boiler controls at \$77,935.
- Pipe insulation at \$70,012.