

Roselle SD 12 Board of Education Finance Committee

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February 10, 2020

Tech Lease

Student Chromebooks

- 500 devices
- Three-year lease
- \$189,500



PA Systems Project

Issues with existing systems:

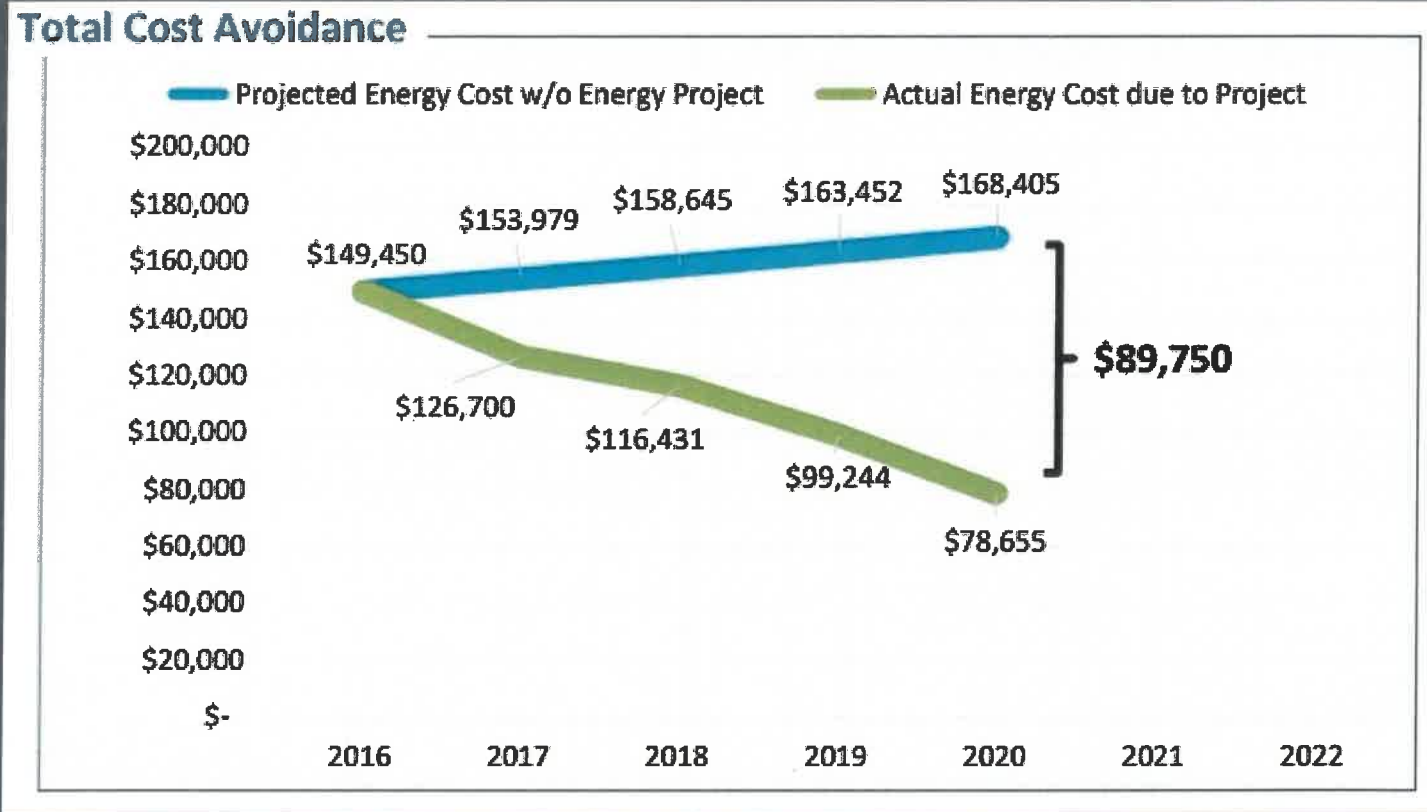
- Certain areas have no coverage (RMS hallways and SHS office)
- Current systems are not integrated with Bluepoint emergency systems
- Buildings wish to accomplish the following:
 - Make announcements from a classroom
 - Page zones
 - Improve coverage in large spaces (gyms, cafeterias) and outdoors
 - Add strobes
 - Remove older, wooden speakers
 - Silence local sound systems when the PA is in use

Moving Forward

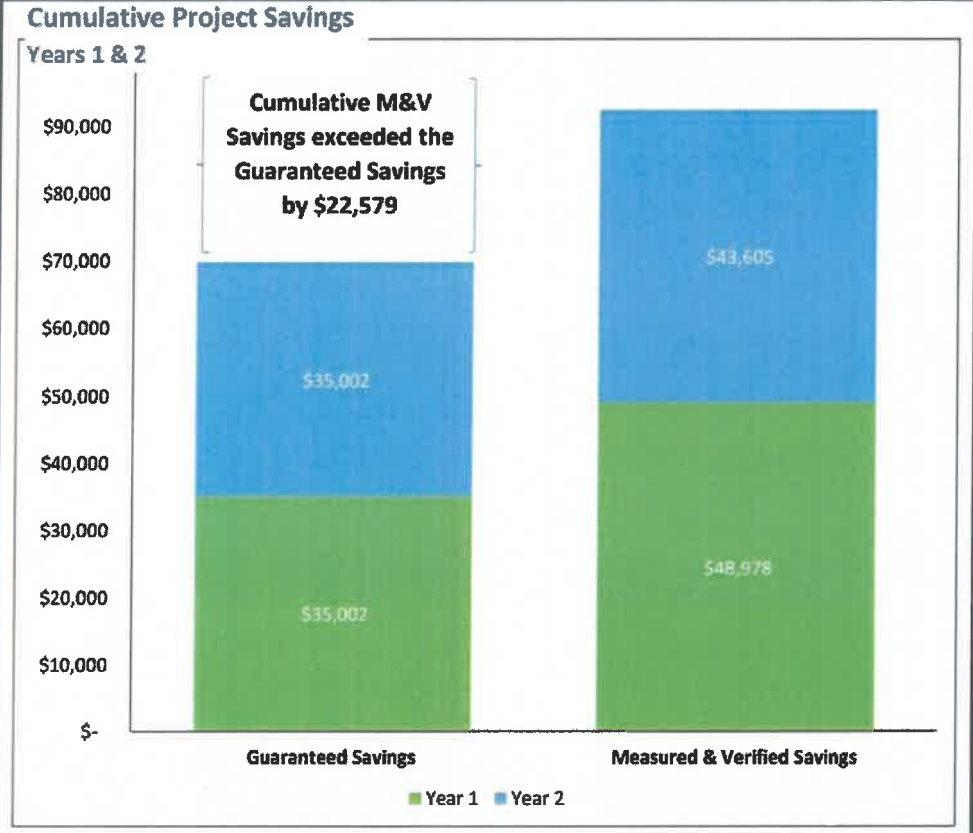
- Project is expected to cost between \$125,000 and \$140,000
- Capital Projects Fund has balance of approximately \$120,000
 - \$50,000 of the balance comes from a state grant that requires 1:1 district match
- Project will likely be completed in July or August, impacting the FY 22 budget
- Bidding in April
- Final board approval in May

Energy Projects

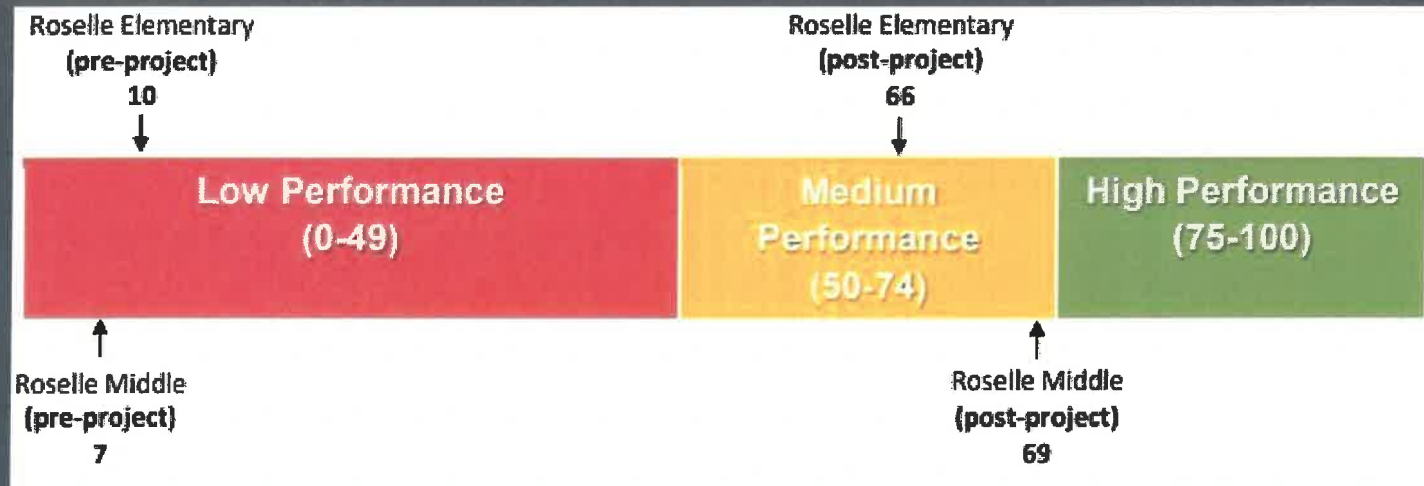
Financial Impact of Previous Projects



Cumulative Project Savings (guaranteed vs. actual)



Energy Impact of the Project*



*Based on the buildings' ENERGY STAR scores.

Potential Roselle SD 12 Solar Project



Potential Roselle Solar Locations

- Originally discussed following the referendum, but it was dismissed:
 - Roofs were aging
 - Was not consistent with stated goals of the referendum
 - Allowed district to gather additional data around energy usage

Benefits of a Solar Project

- Could potentially save the district \$48,000 per year, all but eliminating electric bills at RMS and SHS
- Net Metering allows excess energy production to be credited to future bills
- ComEd Incentives provide cash to district in year one
- Renewable Energy Credits (RECs) paid over first five years of project (pending availability)
- Good environmental stewardship
- Educational impact



Lake Park HS Solar Installation Example

Financial Summary

Installation Budget: \$1,287,655

ComEd Rebate: \$117,975

Gross Savings Year 1: \$148,875

Gross Savings 20 Years: \$1,332,396

Gross Savings 30 Years: \$2,238,784



Renewable Energy Credits

- Cash Energy Credits paid in first five years of project subject to availability
- First REC program was very popular and over subscribed
- Second REC program likely to be in 2022 but exact date is unknown
- District can still complete the project and prepare for future approval once program is enacted
- Estimated future REC incentive is \$383,000 - \$432,000

How to Pay for this Project:

- District has the capacity to sell non-referendum bonds under DSEB
- Interest rates are near historic lows right now, and money is cheap
- Opportunity exists to refinance existing debt and sell bonds while maintaining enough capacity under DSEB to take on future capital projects in 3-5 years