



March 22, 2022

Mr. Engle,

See the attached financial summary sheets for the **LED Lighting upgrades at Seymour Elem and the East Granby Middle / High School**. These projects have been put together utilizing the Eversource SBEA program formula which allows Municipalities and State organizations to work through these turn-key / prior-bid projects, qualifying for Incentives and "On Electric Bill" **0%** repayment plans.

These 2 projects are combined on this summary into a single breakdown.

Combined Project Details:

Payback Electric Savings Only:	5.37 years
Payback with Maintenance Savings:	3.87 years
Annual Electric Savings:	(\$68,367.50) – Estimated Electric Cost Savings
Annual Maint. Savings:	(\$26,404.00) – Annual Estimate based on current budget
	<i>(Information supplied by Facilities dept from year 2020-2021) (5 Year Maint savings based on Warranty)</i>
Total Combined Savings:	(\$94,771.50) - Annual Electric & Maintenance
Combined Project Cost:	\$533,188.56 – Fixed Utility Pricing
Estimated Incentive:	(\$166,188.05) – 2 projects combined
Financed Balance:	\$367,000.51 – Re-paid on Electric Bills at 0%
Monthly Payments:	\$ 7,645.84 – Combined for 48 months at 0%
Monthly Savings:	(\$7,897.62) - Electric & Maintenance
Monthly Electric Savings:	(\$5,697.29) - Average mthly over 12 months
Monthly Maint Savings:	(\$2,200.33) - Average mthly over 12 months

***The average combined monthly savings EXCEEDS the 4 year monthly payment by \$251.78 per month for all 4 years.**

***Completing this project will POSITIVELY affect your Lighting Maintenance Budget Line combined with your Utility Cost Annual Budget Line by \$3,021.36 starting year 1, totaling \$12,085.04 by the end of year 4.**

***Total Energy Cost and Maintenance Savings by end of year 5 is estimated at \$106,856.54.**

***Warranty is 5 years 100% Material and Labor - assuring your Maintenance savings equals or exceeds 5 years.**

***Expected Life span of LED Fixtures & components is 50,000 – 100,000 hours or 15 – 25 years in a school application.**

***Earthlight Technologies is an SBEA Contractor for Eversource and is a DAS Energy Efficiency Contractor for the State of CT (18PSX0104)**



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