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**RE: CCB Lighting Project**


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**From** Bachubhay, Raj <RPBachubhay@bcps.k12.md.us>

**Date** Mon 6/2/2025 5:37 PM

**To** Bainbridge, Shana L. <SLDixon@bcps.k12.md.us>

**Cc** Vinas Meza, Gaby <EGVinasMeza@bcps.k12.md.us>; Pi-Sunyer, Joanna <JPi-Sunyer@bcps.k12.md.us>; Tynes, Chanae D <CDTynes@bcps.k12.md.us>

 1 attachment (44 KB)

Charles Carroll Barrister Sch 34-lighting retrofit electricity analysis.XLSX;

Hi Ms. Bainbridge,

Thank you for your patience. Please find attached file with data on electricity (as lighting directly affects electric use and cost) for past 3 years.

Below are the key points for the lighting retrofit/replacement at Charles Carrol Barrister :

- The project was completed in Oct 2024
- Approximately 800 fixtures were replaced with new LED fixtures, most fixture to fixture conversion was from 0.073 watt to 0.024 watt on each fixture
- The cost to replace all the fixtures is more than \$100K but 100% was covered under rebates
- 6% electricity use down for the same period from past couple years (since we only have data for 6 months past the project)
- Cost avoidance on bills approximately \$ 2000 for 6 months period as rates for current year are 15 to 20 % higher

I have copied Joanna and Gaby to help support on any other sustainability efforts. Thank you for all you do for the students. Feel free to reach out .

Best,

Raj

Mrs. Rajeshri Bachubhay  
**Baltimore City Public Schools**  
**Manager-Energy Efficiency & Operations**

Desk: 443-642-4670

Cell:443-240-8932

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**From:** Bainbridge, Shana L. <SLDixon@bcps.k12.md.us>

**Sent:** Monday, June 2, 2025 10:22 AM

**To:** Bachubhay, Raj <RPBachubhay@bcps.k12.md.us>

**Subject:** Re: CCB Lighting Project

Good Morning,

I hope all is well and your school year is coming to a nice close. Could I bother you for a contract or additional documentation of the new lighting that was done at Charles Carroll Barrister in November. Anything that supports the environmental impact would be helpful as well. I'm gathering information and documentation for the Green School Application.

Thank you in advance for your support

*Shana Bainbridge*

Pre-K to 5th Grade S.T.E.A.M teacher

Charles Carroll Barrister Baltimore City Public Schools

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**From:** Bachubhay, Raj <[RPBachubhay@bcps.k12.md.us](mailto:RPBachubhay@bcps.k12.md.us)>  
**Sent:** Tuesday, November 12, 2024 12:25 PM  
**To:** Bainbridge, Shana L. <[SLDixon@bcps.k12.md.us](mailto:SLDixon@bcps.k12.md.us)>; [lauratichnell@gmail.com](mailto:lauratichnell@gmail.com) <[lauratichnell@gmail.com](mailto:lauratichnell@gmail.com)>  
**Cc:** zacary mann <[zac@summitbldgsolutions.com](mailto:zac@summitbldgsolutions.com)>  
**Subject:** RE: CCB Lighting Project

Greetings Ms. Bainbridge,

Thank you for your email. I'm glad to hear that the school staff and students are pleased with the new lights. Laura and her team have truly excelled in collaborating on all our lighting projects.

Regarding sustainability and green initiatives, I will send you a separate email with detailed information. I'll also copy my colleagues who can provide further assistance with related activities.

Best,

Raj

Mrs. Rajeshri Bachubhay

**Manager-Energy Efficiency & Operations**

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**From:** Bainbridge, Shana L. <[SLDixon@bcps.k12.md.us](mailto:SLDixon@bcps.k12.md.us)>  
**Sent:** Tuesday, November 12, 2024 11:50 AM  
**To:** [lauratichnell@gmail.com](mailto:lauratichnell@gmail.com); Bachubhay, Raj <[RPBachubhay@bcps.k12.md.us](mailto:RPBachubhay@bcps.k12.md.us)>  
**Subject:** CCB Lighting Project

Greetings from CCB!

On behalf of our school, we would like to thank you for your collaboration during the lighting project at our school. As the sustainability and green school advocate at our school I would like to work more with our students and staff in the understanding of why we have these new lights in the building. If you would be able to send me any type of energy savings data, I would greatly appreciate it.

Thank you

*Shana Bainbridge*

Pre-K to 5th Grade S.T.E.A.M teacher

Charles Carroll Barrister Baltimore City Public Schools