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HYDE PARK CENTRAL SCHOOL DISTRICT
Administrative Offices
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Non Profit Organization
U.S. Postage
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Newburgh, NY
Permit No. 3809

ECRWSS

SUPERINTENDENT of SCHOOLS

Dr. Pedro Roman

DISTRICT CLERK

Joanne "Jay" Mikula

POSTAL CUSTOMER

Q&A

Electric Bus Purchase Vote Nov. 19, 6 AM - 8 PM at HMS

SAFETY

4. What happens during an emergency or power outage?

In the event of an emergency, the bus fleet has backup protocols in place, and diesel buses can be used if necessary to ensure uninterrupted service.

FINANCIAL

5. Will my taxes increase if the 17 electric buses are purchased?

No, the District will use EPA grants and NYSERDA grants to offset most of the upfront cost. Additionally, the District will receive state aid and tax credits after the 17 buses are purchased. Capital Reserves will cover the remainder of the cost.

6. How is the cost of charging the bus managed?

The district will take advantage of off-peak electricity rates to charge the buses overnight, keeping costs low.

7. Are there any cost savings associated with electric buses?

Electric buses have lower operating costs and offer significant savings over time due to lower fuel costs (electric vs. diesel) and reduced maintenance expenses.

8. Will there be any funds remaining in the capital reserve after this expenditure? Yes, \$7,729,750

OPERATIONS AND MAINTENANCE

9. How far can the electric bus travel on a single charge?

The bus can travel approximately 100-150 miles per charge, depending on factors like weather and terrain, which is more than sufficient for daily routes.

10. Where will the buses be charged?

Charging stations will be installed at our bus depot for overnight charging.

11. How will the electric bus handle extreme weather, like snow or cold temperatures?

Electric buses are designed to perform well in various weather conditions, including cold and snow. Battery efficiency may decrease slightly in cold weather, but buses are equipped with heating systems.

12. Will the electric bus service all the same routes as the traditional buses?

Yes, the electric bus will operate on the same routes with no changes to pick-up or drop-off locations.

13. Will the transition to electric buses affect the school bus schedule?

No, the transition to electric buses will not change the pick-up or drop-off schedules.

14. What is the expected lifespan of the bus batteries?

Electric buses and batteries typically last 8 to 10 years and are under warranty for 8 years or 100,000 miles, whichever comes first. Batteries may have reduced capacity but still can be operable and safe beyond 10 years.

15. What happens to the batteries at the end of their life cycle?

The district will follow proper recycling protocols for electric bus batteries, and we are exploring partnerships with companies that specialize in battery recycling.