MAINE STATE LEGISLATURE

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131st MAINE LEGISLATURE

FIRST REGULAR SESSION-2023

Legislative Document

No. 519

H.P. 324

House of Representatives, February 9, 2023

Resolve, to Conduct a Vehicle-to-grid Pilot Project Using Electric School Buses

Reference to the Committee on Energy, Utilities and Technology suggested and ordered printed.

ROBERT B. HUNT

Presented by Representative RUNTE of York.

Cosponsored by Representative: HOBBS of Wells, Senator: RAFFERTY of York.

Sec. 1. Vehicle-to-grid pilot project. Resolved: That, beginning in 2024, the Efficiency Maine Trust shall design and operate a pilot project during the summer months to charge electric school buses at times when there are lower demands on the electric grid, and lower usage rates, in the State and discharge stored electricity to the electric grid when there are greater demands on the grid and higher usage rates. The pilot project must be established at the Wells-Ogunquit Community School District for a period of 2 years and use the electric school buses purchased using the grant from the United States Environmental Protection Agency. The Efficiency Maine Trust shall work with interested parties and stakeholders and procure the charging stations and batteries necessary for the pilot project.

Sec. 2. Report on vehicle-to-grid pilot project. Resolved: That the Efficiency Maine Trust, no later than 90 days following completion of the vehicle-to-grid pilot project described in section 1, shall report to the joint standing committee of the Legislature having jurisdiction over utility matters regarding the pilot project. The report must include an evaluation by the Efficiency Maine Trust of the pilot project, including the benefits to the climate and the potential revenue from expanding the pilot project to other school administrative units in the State.

18 SUMMARY

This resolve requires the Efficiency Maine Trust to design and operate a 2-year vehicle-to-grid pilot project to use electric school buses to store energy from the electric grid during times of low demand and low usage rates and discharge the stored energy to the grid during times of high demand and high usage rates. The pilot project must be operated at the Wells-Ogunquit Community School District and use the electric school buses acquired by the district through a grant from the United States Environmental Protection Agency. The Efficiency Maine Trust is required to report on the results, including benefits to the climate and the potential for revenue.