

SENATE BILL 423

R2

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CF HB 432

By: **Senators Zucker, Augustine, Carter, Elfreth, Ellis, Feldman, Guzzone, Kagan, King, Kramer, Lam, Lee, Peters, Pinsky, Rosapepe, Smith, Washington, and Young**

Introduced and read first time: January 27, 2020

Assigned to: Education, Health, and Environmental Affairs and Budget and Taxation

A BILL ENTITLED

1 AN ACT concerning

2 **Maryland Transit Administration – Conversion to Electric Buses**
3 **(Electric Bus Transition Act)**

4 FOR the purpose of prohibiting, beginning in a certain fiscal year, the Maryland Transit
5 Administration from entering into a contract to purchase buses for the
6 Administration's transit bus fleet that are not electric buses; requiring the
7 Administration, on or before a certain date and each year thereafter, to submit a
8 report to certain committees of the General Assembly on the implementation of this
9 Act; requiring the annual report to include a schedule for converting the transit bus
10 fleet to electric buses exclusively, an evaluation of the necessary charging
11 infrastructure, a plan for transitioning adversely affected State employees to certain
12 similar or other employment, a certain estimate of the potential reduction in
13 emissions, and certain financial analyses related to the projected costs of the
14 conversion to electric buses; defining certain terms; and generally relating to
15 converting the Maryland Transit Administration's fleet of transit buses to electric
16 buses exclusively.

17 BY adding to

18 Article – Transportation

19 Section 7-406

20 Annotated Code of Maryland

21 (2015 Replacement Volume and 2019 Supplement)

22 SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF MARYLAND,

23 That the Laws of Maryland read as follows:

24 **Article – Transportation**

EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW.

[Brackets] indicate matter deleted from existing law.



1 **7-406.**

2 (A) (1) IN THIS SECTION THE FOLLOWING WORDS HAVE THE MEANINGS
3 INDICATED.

4 (2) "BUS" HAS THE MEANING STATED IN § 11-105 OF THIS ARTICLE.

5 (3) "ELECTRIC BUS" MEANS A BUS THAT IS PROPELLED SOLELY BY AN
6 ELECTRIC MOTOR THAT DRAWS ELECTRICITY FROM A BATTERY THAT IS CAPABLE
7 OF BEING RECHARGED FROM AN EXTERNAL SOURCE OF ELECTRICITY.

8 (B) BEGINNING IN FISCAL YEAR 2022, THE ADMINISTRATION MAY NOT
9 ENTER INTO A CONTRACT TO PURCHASE BUSES FOR THE ADMINISTRATION'S
10 TRANSIT BUS FLEET THAT ARE NOT ELECTRIC BUSES.

11 (C) (1) ON OR BEFORE JANUARY 1, 2021, AND EACH JANUARY 1
12 THEREAFTER, THE ADMINISTRATION SHALL, IN ACCORDANCE WITH § 2-1257 OF
13 THE STATE GOVERNMENT ARTICLE, SUBMIT A REPORT TO THE SENATE BUDGET
14 AND TAXATION COMMITTEE, THE HOUSE APPROPRIATIONS COMMITTEE, AND THE
15 HOUSE ENVIRONMENT AND TRANSPORTATION COMMITTEE ON THE
16 IMPLEMENTATION OF THIS SECTION.

17 (2) THE ANNUAL REPORT SHALL INCLUDE:

18 (I) A SCHEDULE FOR CONVERTING THE ADMINISTRATION'S
19 TRANSIT BUS FLEET TO ELECTRIC BUSES EXCLUSIVELY;

20 (II) AN EVALUATION OF THE CHARGING INFRASTRUCTURE
21 NEEDED FOR THE ADMINISTRATION TO CREATE AND MAINTAIN A TRANSIT BUS
22 FLEET OF ELECTRIC BUSES EXCLUSIVELY;

23 (III) A PLAN FOR TRANSITIONING ANY STATE EMPLOYEES
24 ADVERSELY AFFECTED BY THE CONVERSION FROM A DIESEL-POWERED TRANSIT
25 BUS FLEET TO AN ELECTRIC-POWERED TRANSIT BUS FLEET TO SIMILAR OR OTHER
26 EMPLOYMENT WITHIN THE ADMINISTRATION OR DEPARTMENT THAT HAS
27 COMMENSURATE SENIORITY, PAY, AND BENEFITS;

28 (IV) IN COORDINATION WITH OTHER APPROPRIATE STATE
29 AGENCIES, AN ESTIMATE OF THE REDUCTION IN THE AMOUNT OF CARBON DIOXIDE
30 EMISSIONS, MEASURED IN POUNDS, THAT WILL BE OBTAINED THROUGH THE USE OF
31 ELECTRIC BUSES EACH YEAR UNTIL THE TRANSIT BUS FLEET IS CONVERTED TO
32 ELECTRIC BUSES EXCLUSIVELY; AND

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(v) A FINANCIAL ANALYSIS:

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1. OF THE PROJECTED COST OF PURCHASING, MAINTAINING, AND PROVIDING CHARGING INFRASTRUCTURE FOR THE ELECTRIC TRANSIT BUS FLEET EACH YEAR UNTIL THE FLEET IS CONVERTED TO ELECTRIC BUSES EXCLUSIVELY; AND

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2. COMPARING THE PROJECTED COST UNDER ITEM 1 OF THIS ITEM TO THE PROJECTED COST OF CONTINUING TO OPERATE A DIESEL-POWERED TRANSIT BUS FLEET.

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SECTION 2. AND BE IT FURTHER ENACTED, That this Act shall take effect October 1, 2020.