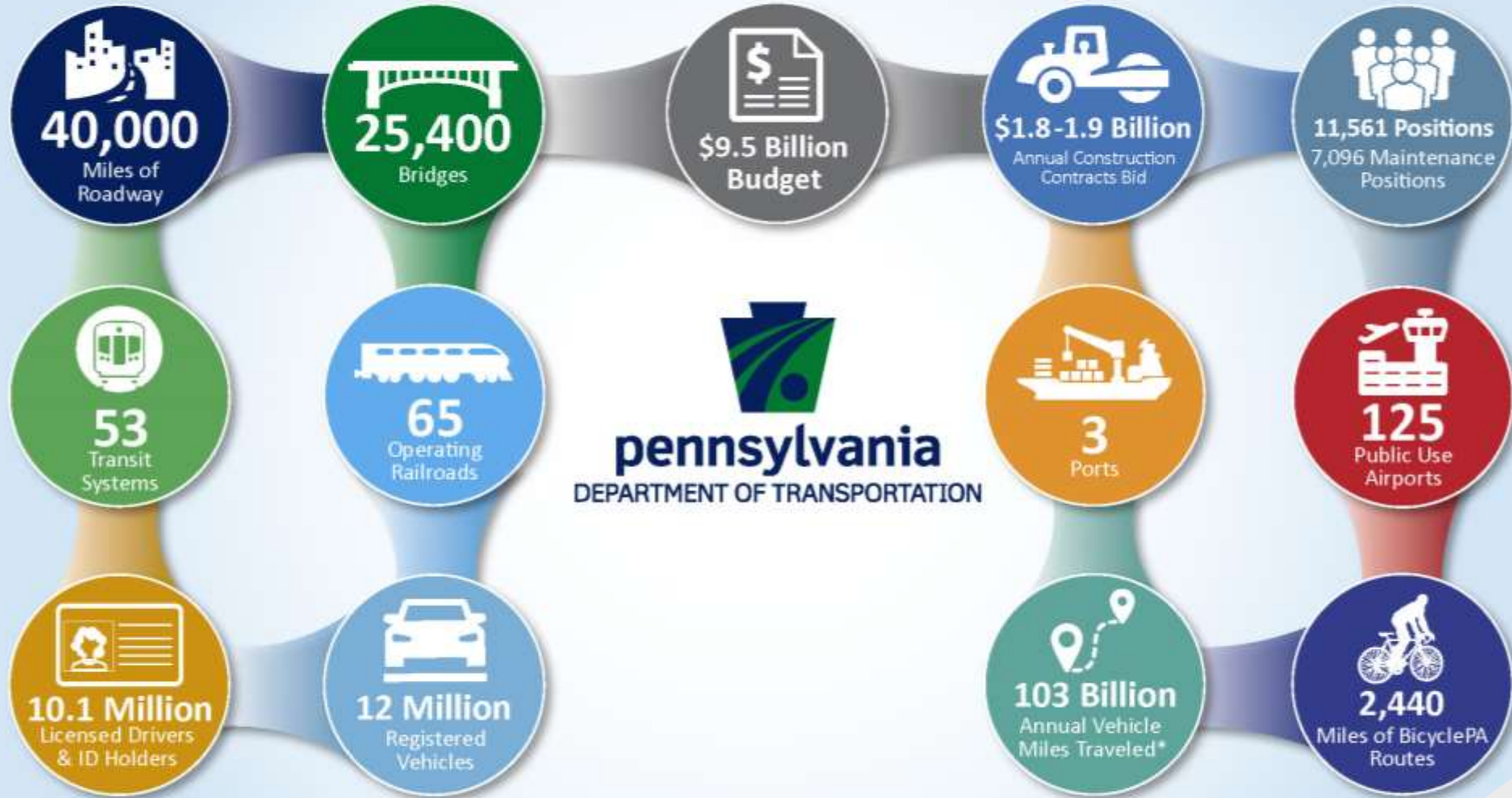


DRIVE ELECTRIC PA COALITION: ELECTRIC VEHICLE FEES

SARAH L. CLARK JANUARY 2021

PENNDOT BY THE NUMBERS



*Total miles on all PA roadways



ELECTRIC VEHICLE FEES

- According to NCSL, as of November 2020:
 - 28 states have a special registration fee for plug-in electric vehicles
 - 14 states also assess a separate fee on plug-in hybrid vehicles
 - Lowest: Colorado and Hawaii \$50
 - Highest: Georgia \$212.78



PA: ALTERNATIVE FUELS TAX

- Alternative Fuel Tax
- 2021 Rates

Hydrogen	\$0.576/GGE
CNG	\$0.576/GGE
Propane/LPG	\$0.425/gallon
Ethanol	\$0.384/gallon
Methanol	\$0.289/gallon
E-85	\$0.413/gallon
M-85	\$0.332/gallon
LNG	\$0.648/DGE
Electricity	\$0.0172/KWH



ELECTRIC AND HYBRID REGISTRATIONS

	2015	2016	2017	2018	2019
Electric	2,773	3,599	4,364	7,694	10,875
Hybrid*	24,053	24,795	26,772	30,037	35,406
Total	26,826	28,394	31,136	37,731	46,281

*Includes both PHEVs and traditional hybrids.



ALTERNATIVE FUELS TAX REPORTING

	2015	2016	2017	2018	2019
Electricity (kWh)	77,717	917,865	1,570,725	3,246,151	5,663,150

Approximately the amount of electricity used by 1,000 EVs driving 10,000 miles per year.



PENNDOT

- 40,000 miles of highways, over 25,000 bridges, 103 Billion annual vehicle miles traveled
- 74 percent of PennDOT's highway and bridge funding comes from state and federal gas taxes



LAST SESSION: HB 1392

PN 1693

- \$150 non-commercial electric vehicles
- \$250 commercial electric vehicles

THE GENERAL ASSEMBLY OF PENNSYLVANIA

HOUSE BILL

No. 1392 Session of 2019

INTRODUCED BY CARROLL, NEILSON, READSHAW, SCHLOSSBERG, IRVIN,
MULLINS, MILLARD, HILL-EVANS, DONATUCCI, KORTZ, MARKOSEK AND
McCLINTON, MAY 2, 2019

REFERRED TO COMMITTEE ON TRANSPORTATION, MAY 2, 2019

AN ACT

1 Amending Title 75 (Vehicles) of the Pennsylvania Consolidated
2 Statutes, in liquid fuels and fuels tax, further providing
3 for definitions and providing for electric vehicle road fee;
4 and making editorial changes.

5 The General Assembly of the Commonwealth of Pennsylvania
6 hereby enacts as follows:

7 Section 1. Chapter 90 of Title 75 of the Pennsylvania
8 Consolidated Statutes is amended by adding a subchapter heading
9 to read:

SUBCHAPTER A

PRELIMINARY PROVISIONS

12 Section 2. The definition of "alternative fuels" in section
13 9002 of Title 75 is amended and the section is amended by adding
14 definitions to read:

15 § 9002. Definitions.

16 The following words and phrases when used in this chapter
17 shall have the meanings given to them in this section unless the
18 context clearly indicates otherwise:



LAST SESSION: HB 1392

PN 2060

- \$50 electric motorcycle and NEVs
- \$150 Class C license electric vehicle
- \$250 Class A or B license electric vehicle

THE GENERAL ASSEMBLY OF PENNSYLVANIA

HOUSE BILL

No. 1392 Session of 2019

INTRODUCED BY CARROLL, NEILSON, READSHAW, SCHLOSSBERG, IRVIN, MULLINS, MILLARD, HILL-EVANS, DONATUCCI, KORTZ, MARKOSEK AND McCLINTON, MAY 2, 2019

REFERRED TO COMMITTEE ON TRANSPORTATION, MAY 2, 2019

AN ACT

1 Amending Title 75 (Vehicles) of the Pennsylvania Consolidated
2 Statutes, in liquid fuels and fuels tax, further providing
3 for definitions and providing for electric vehicle road fee;
4 and making editorial changes.

5 The General Assembly of the Commonwealth of Pennsylvania
6 hereby enacts as follows:

7 Section 1. Chapter 90 of Title 75 of the Pennsylvania
8 Consolidated Statutes is amended by adding a subchapter heading
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SUBCHAPTER A

PRELIMINARY PROVISIONS

12 Section 2. The definition of "alternative fuels" in section
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18 context clearly indicates otherwise:



LAST SESSION: HB 1392

PN 2530

- \$50 electric motorcycle and NEVs
- \$75 hybrid electric vehicle with GVW rating under 26,000
- \$250 electric vehicle
- Added language from SB 845

THE GENERAL ASSEMBLY OF PENNSYLVANIA

HOUSE BILL

No. 1392 Session of 2019

INTRODUCED BY CARROLL, NEILSON, READSHAW, SCHLOSSBERG, IRVIN, MULLINS, MILLARD, HILL-EVANS, DONATUCCI, KORTZ, MARKOSEK AND McCLINTON, MAY 2, 2019

REFERRED TO COMMITTEE ON TRANSPORTATION, MAY 2, 2019

AN ACT

1 Amending Title 75 (Vehicles) of the Pennsylvania Consolidated
2 Statutes, in liquid fuels and fuels tax, further providing
3 for definitions and providing for electric vehicle road fee;
4 and making editorial changes.

5 The General Assembly of the Commonwealth of Pennsylvania
6 hereby enacts as follows:

7 Section 1. Chapter 90 of Title 75 of the Pennsylvania
8 Consolidated Statutes is amended by adding a subchapter heading
9 to read:

SUBCHAPTER A

PRELIMINARY PROVISIONS

12 Section 2. The definition of "alternative fuels" in section
13 9002 of Title 75 is amended and the section is amended by adding
14 definitions to read:

15 § 9002. Definitions.

16 The following words and phrases when used in this chapter
17 shall have the meanings given to them in this section unless the
18 context clearly indicates otherwise:



LAST SESSION: SB 845

PN 1153

PN 2123

- \$15 Electric Motorcycles and NEVs
- \$75 Hybrid electric vehicle with GVW rating under 26,000
- \$175 Electric Vehicle with GVW rating under 26,000
- \$250 Electric Vehicle with GVW rating of 26,001+

THE GENERAL ASSEMBLY OF PENNSYLVANIA

SENATE BILL

No. 845 Session of 2019

INTRODUCED BY LANGERHOLC, MENSCH, ARGALL, VOGEL AND BREWSTER,
SEPTEMBER 3, 2019

REFERRED TO TRANSPORTATION, SEPTEMBER 3, 2019

AN ACT

1 Amending Title 75 (Vehicles) of the Pennsylvania Consolidated
2 Statutes, in size, weight and load, further providing for
3 maximum gross weight of vehicles.

4 The General Assembly of the Commonwealth of Pennsylvania
5 hereby enacts as follows:

6 Section 1. Section 4941(d) (1) of Title 75 of the
7 Pennsylvania Consolidated Statutes is amended to read:

8 § 4941. Maximum gross weight of vehicles.

9 * * *

10 (d) Natural gas and electric vehicles.--

11 (1) Notwithstanding any other provision of law, a
12 vehicle that is operated by an engine fueled primarily by
13 compressed or liquefied natural gas or powered primarily by
14 means of electric battery power may exceed the gross vehicle
15 weight limits imposed under this section by an amount, not to
16 exceed a maximum of 2,000 pounds, that is equal to the
17 difference between the weight of the vehicle attributable to
18 the natural gas tank and fueling system or the battery or



2021-2022

Next Steps?



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