

HOUSE BILL NO. HB0235

Natural gas vehicles.

Sponsored by: Representative(s) Roscoe and Miller

A BILL

for

1 AN ACT relating to motor vehicles; providing that the
2 department of transportation may construct and operate
3 natural gas stations as specified; providing that the
4 public may utilize department of transportation natural gas
5 stations as specified; providing requirements and
6 regulations for retrofit natural gas vehicles; providing
7 that the department of administration and information may
8 enter into contracts for the construction and operation of
9 natural gas filling stations; providing for the conversion
10 of state vehicles to operate on natural gas as specified;
11 providing rulemaking authority; providing appropriations;
12 and providing for an effective date.

13

14 *Be It Enacted by the Legislature of the State of Wyoming:*

15

16 **Section 1.** W.S. 31-20-101 through 31-20-104 are
17 created to read:

1

2

CHAPTER 20

3

NATURAL GAS VEHICLES

4

5

31-20-101. Definitions.

6

7

(a) As used in this chapter:

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9

(i) "Bi-fuel vehicle" means a vehicle that can operate on natural gas and another form of fuel;

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12

(ii) "CSA America CNG fuel system inspector" means an inspector with the highest level of certification that complies with the International Organization for Standardization (ISO) 17024 standard and applicable CSA and ANSI standards for personnel certification programs to include the inspection of containers, valves, pressure relief devices, including vent system and other fuel system components of natural gas powered vehicles;

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21

(iii) "Gasoline gallon equivalent (GGE)" means the amount of natural gas needed to equal the energy content of one liquid gallon of gasoline;

24

1 (iv) "Motor vehicle" means any self-propelled
2 vehicle intended primarily for use and operation on
3 highways;

4
5 (v) "Natural gas" means compressed natural gas
6 (CNG) or liquefied natural gas (LNG);

7
8 (vi) "Private individual or entity" means any
9 individual or entity that:

10

11 (A) Is not acting under the authority of a
12 state or local government agency;

13

14 (B) Is not purchasing natural gas from the
15 state's fuel network for sale, resale, distribution,
16 redistribution, trade, exchange or in furtherance of a
17 commercial enterprise; and

18

19 (C) Is not purchasing natural gas from the
20 state's fuel network for use in a state vehicle.

21

22 (vii) "Retrofit natural gas vehicles" means a
23 vehicle which was not designed by the original equipment
24 manufacturer to be powered by natural gas but was

1 subsequently modified to be powered by natural gas solely,
2 or natural gas and another form of fuel; and

3

4 (viii) "State vehicle" means a vehicle owned and
5 operated by any agency, authority, bureau, board,
6 commission, department or division under the control of the
7 state, a county, city or town or other political
8 subdivision of the state, the state legislature, a school
9 district, community college, the University of Wyoming and
10 the judiciary.

11

12 **31-20-102. Department of transportation natural gas**
13 **filling stations; authority of public to purchase natural**
14 **gas from the state fuel network; rulemaking authority.**

15

16 (a) The department of transportation is authorized to
17 construct and maintain natural gas filling stations at any
18 department of transportation fueling site or other site
19 that the department deems appropriate which qualifies under
20 the provisions of this section and the rules and
21 regulations promulgated hereunder.

22

23 (b) A natural gas filling station located at a
24 department of transportation fueling site may have either

1 fast fill capacity, time fill capacity or both as the
2 department determines is appropriate.

3

4 (c) The department may allow a private individual or
5 entity to purchase natural gas from the state's fuel
6 network if:

7

8 (i) There is no commercial fuel site that meets
9 the geographical natural gas distribution needs of private
10 individuals or entities; and

11

12 (ii) There is no emergency that, as determined
13 by the department, warrants the holding of natural gas in
14 reserve for use by state or emergency vehicles.

15

16 (d) The department may promulgate rules and
17 regulations to effectuate the purpose of this section,
18 including:

19

20 (i) Giving state and local agencies priority to
21 dispense and receive natural gas from the state's fuel
22 network sites;

23

1 (ii) Designating state fuel network sites that
2 may be made available to private individuals and entities
3 for the purchase of natural gas;

4

5 (iii) Defining the terms of operation for each
6 site constructed and operated pursuant to this section;

7

8 (iv) Unless otherwise prohibited by law,
9 limiting the amount of natural gas that may be purchased
10 from the state's fuel network by any private individual or
11 entity at any one time, or in the aggregate during any
12 given period of time;

13

14 (v) Providing conditions upon which a private
15 individual or entity's authorization to purchase natural
16 gas from the state fuel network may be granted, revoked, or
17 suspended under this section; and

18

19 (vi) Defining the term "geographical natural gas
20 needs of a private individual or entity."

21

22 **31-20-103. Requests for proposals to construct and**
23 **operate natural gas filling stations; terms of a contract.**

24

1 (a) The department of administration and information
2 may issue requests for proposals for the construction of
3 two (2) natural gas filling stations. The requests for
4 proposals shall specify that for any contract awarded under
5 this section:

6

7 (i) The state will be responsible for seventy-
8 five percent (75%) of the total cost of designing and
9 constructing the natural gas station and the operating
10 entity shall be responsible for the remainder of the cost
11 of designing and constructing the natural gas station;

12

13 (ii) The department of administration and
14 information, in consultation with the department of
15 transportation, will have final approval authority
16 concerning all aspects of the location, design,
17 construction, financing and operation of the natural gas
18 filling station;

19

20 (iii) The price per gasoline gallon equivalent
21 for natural gas for use in a state vehicle shall not exceed
22 the lesser of the wholesale cost of natural gas paid by the
23 operating entity plus ten percent (10%) or the price per
24 gasoline gallon equivalent charged to the public. The

1 price per gasoline gallon equivalent for natural gas for
2 use in a state vehicle as specified in this paragraph shall
3 remain in effect until the earlier of:

4

5 (A) Five (5) years from the date the
6 natural gas filling station becomes operational; or

7

8 (B) The date on which the dollar amount
9 saved by the state from paying the price per gasoline
10 gallon equivalent of natural gas specified in this
11 paragraph as compared to the price the public paid for
12 natural gas during the same time period, equals the state's
13 investment in the natural gas filling station.

14

15 (iv) Shall require that the contract term is not
16 less than five (5) years;

17

18 (v) Specify that the natural gas filling station
19 shall have both fast fill capacity and time fill capacity
20 or both; and

21

22 (vi) Any other term and condition the department
23 of administration and information, in consultation with the
24 department of transportation, deems appropriate.

1

2 (b) The department of administration and information
3 shall consult with the department of transportation and
4 interested parties in the private sector to determine where
5 the two (2) natural gas filling stations shall be located.
6 In determining the location of the natural gas filling
7 stations, the department of administration and information
8 shall consider cities or towns:

9

10 (i) With a significant number of government or
11 private fleet vehicles with the potential to convert to
12 natural gas;

13

14 (ii) A site which will ensure a natural gas
15 corridor across Interstate 80; and

16

17 (iii) A site along another interstate highway or
18 important transportation corridor.

19

20 **31-20-104. Retrofit natural gas vehicles;**
21 **inspections, standards and certification; compliance with**
22 **other law; programs to coordinate; rulemaking authority.**

23

1 (a) A state agency which owns, operates and maintains
2 motor vehicles may retrofit any motor vehicle to run on
3 natural gas, or retrofit the vehicle as a bi-fuel vehicle.

4
5 (b) An owner of a retrofit natural gas vehicle that
6 is retrofit on or after July 1, 2011, may not operate the
7 retrofit natural gas vehicle before the owner has the
8 retrofit natural gas vehicle inspected and certified as
9 safe in accordance with relevant standards, including the
10 National Fire Protection Association 52 Vehicular Gaseous
11 Fuel Systems Code, by a CSA America CNG Fuel System
12 Inspector.

13
14 (c) A person who performs a retrofit on a retrofit
15 natural gas vehicle shall certify to the owner of the
16 retrofit natural gas vehicle that the retrofit does not
17 tamper with, circumvent, or otherwise affect the vehicle's
18 on-board diagnostic system, if any.

19
20 (d) After the owner of a retrofit natural gas vehicle
21 that is retrofit on or after July 1, 2011, has the retrofit
22 natural gas vehicle initially inspected under subsection
23 (a) of this section, the owner shall subsequently have the

1 retrofit inspected for safety by a CSA America CNG Fuel
2 System Inspector the earlier of:

3

4 (i) Every three (3) years after the retrofit; or

5

6 (ii) Every thirty-six thousand (36,000) miles
7 after the retrofit.

8

9 (e) The department of transportation may develop
10 programs and promulgate rules and regulations to coordinate
11 amongst government agencies and interested parties in the
12 private sector to facilitate:

13

14 (i) Testing to ensure compliance with emissions
15 and anti-tampering standards established in this section or
16 by federal law; and

17

18 (ii) The retrofitting of vehicles to operate on
19 natural gas vehicles in a manner that provides for safety
20 and compliance with applicable law.

21

22 (f) In developing a program under this section, the
23 department of transportation shall:

24

1 (i) Allow for testing using equipment widely
2 available within the state, if possible; and

3

4 (ii) Consult with relevant federal, state and
5 local government agencies and other interested parties.

6

7 **Section 2.**

8

9 (a) There is appropriated one million eight hundred
10 thousand dollars (\$1,800,000.00) from the general fund to
11 the department of administration and information for the
12 construction and operation of natural gas filling stations
13 as specified in this act. If any amount of this
14 appropriation is unexpended as of June 30, 2015, the
15 unexpended amount of the appropriation shall revert to the
16 general fund on July 1, 2015.

17

18 (b) There is appropriated two hundred thousand
19 dollars (\$200,000.00) from the general fund to the
20 department of transportation to retrofit twenty (20) motor
21 vehicles in its fleet to operate on natural gas, or a
22 combination of natural gas and another form of fuel.

23

1 **Section 3.** This act is effective July 1, 2011.

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(END)