
SUBSTITUTE HOUSE BILL 1481

State of Washington

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By House Technology, Energy & Communications (originally sponsored by Representatives Eddy, Crouse, McCoy, Haler, Carlyle, Armstrong, Hunt, White, Dunshee, Priest, Appleton, Orwall, Rolfes, Hudgins, Hinkle, Upthegrove, Clibborn, Morrell, Ormsby, Kenney, Maxwell, Dickerson, and Pedersen)

READ FIRST TIME 03/02/09.

1 AN ACT Relating to electric vehicles; amending RCW 43.19.648;
2 adding a new section to chapter 84.36 RCW; adding a new section to
3 chapter 82.29A RCW; adding a new section to chapter 82.08 RCW; adding
4 a new section to chapter 82.12 RCW; adding a new section to chapter
5 79.13 RCW; adding a new section to chapter 43.21C RCW; adding a new
6 section to chapter 19.27 RCW; adding a new section to chapter 35.63
7 RCW; adding a new section to chapter 35A.63 RCW; adding a new section
8 to chapter 36.70 RCW; adding a new section to chapter 36.70A RCW;
9 creating new sections; and providing expiration dates.

10 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF WASHINGTON:

11 NEW SECTION. **Sec. 1.** The legislature finds the development of
12 electric vehicle infrastructure to be a critical step in creating jobs,
13 fostering economic growth, reducing greenhouse gas emissions, and
14 stemming the effects of climate change in Washington state. Limited
15 driving distance between battery charges is a fundamental disadvantage
16 and obstacle to broad consumer adoption of vehicles powered by
17 electricity. In order to eliminate this fundamental disadvantage and
18 dramatically increase consumer acceptance and usage of electric
19 vehicles, it is essential that an infrastructure of convenient electric

1 vehicle charging opportunities be developed. The purpose of this act
2 is to encourage the transition to electric vehicle use and to expedite
3 the establishment of a convenient, cost-effective, electric vehicle
4 infrastructure that such a transition necessitates. The state's
5 success in encouraging this transition will serve as an economic
6 stimulus to the creation of short-term and long-term jobs as the entire
7 automobile industry and its associated direct and indirect jobs
8 transform over time from combustion to electric vehicles.

9 NEW SECTION. **Sec. 2.** (1) A regional transportation planning
10 organization containing any county with a population in excess of one
11 million in collaboration with representatives from the department of
12 ecology, the department of community, trade, and economic development,
13 local governments, and the office of regulatory affairs must:

14 (a) Develop short-term and long-term plans outlining how state,
15 regional, and local government construction may include electric
16 vehicle infrastructure in publicly available parking and government
17 fleet vehicle parking, including what ratios of charge spots to parking
18 may be appropriate based on location or type of facility or building;

19 (b) Make recommendations to the state building code council on how
20 future updates to the state building code can incorporate standards for
21 new residential, commercial, and industrial buildings to ensure that
22 the appropriate electric circuitry is installed to support electric
23 vehicle infrastructure;

24 (c) Develop an implementation plan for counties with a population
25 greater than five hundred thousand with the goal of having public and
26 private parking spaces, in the aggregate, be ten percent electric
27 vehicle ready by December 31, 2018; and

28 (d) Consider to what extent, if any, state preemption of local
29 regulation of electric vehicle infrastructure is appropriate in order
30 to encourage rapid deployment of electric vehicle infrastructure
31 statewide.

32 (2) These recommendations and plans must be submitted to the
33 legislature by December 31, 2010.

34 (3) The definitions in this subsection apply through this section
35 unless the context clearly requires otherwise.

36 (a) "Battery charging station" means an electrical component
37 assembly or cluster of component assemblies designed specifically to

1 charge batteries within electric vehicles, which meet or exceed any
2 standards, codes, and regulations set forth by the society of
3 automotive engineers, the national electric code, or other federal,
4 state, and local agencies.

5 (b) "Battery exchange station" means a fully automated facility
6 that will enable an electric vehicle with a swappable battery to enter
7 a drive lane and exchange the depleted battery with a fully charged
8 battery through a fully automated process, which meets or exceeds any
9 standards, codes, and regulations set forth by the society of
10 automotive engineers, the national electric code, or other federal,
11 state, and local agencies.

12 (c) "Electric vehicle" means a passenger vehicle that uses
13 electricity as its sole source of propulsion power, including plug-in
14 electric vehicles and extended-range electric vehicles.

15 (d) "Electric vehicle infrastructure" means structures, machinery,
16 and equipment necessary to support an electric vehicle, including
17 battery charging stations, rapid charging stations, and battery
18 exchange stations.

19 (e) "Rapid charging station" means an industrial grade electrical
20 outlet that allows for faster recharging of electric vehicle batteries
21 through higher power levels, which meets or exceeds any standards,
22 codes, and regulations set forth by the society of automotive
23 engineers, the national electric code, or other federal, state, and
24 local agencies.

25 NEW SECTION. **Sec. 3.** A new section is added to chapter 84.36 RCW
26 to read as follows:

27 (1) Before installation of any electric vehicle infrastructure, an
28 owner or lessee of property who meets the requirements of this section
29 may apply to the assessor of the county in which the property is
30 located for a special property tax exemption. This application must be
31 made upon forms prescribed by the department of revenue and supplied by
32 the county assessor.

33 (a)(i) If a lessee of the property has paid for all expenses
34 associated with the installation and purchase of the electric vehicle
35 infrastructure, then the benefit of the exemption must inure to the
36 lessee.

1 (ii) A lessee, otherwise eligible to receive the benefit of the
2 exemption under this section, is entitled to receive such benefit only
3 to the extent that the lessee maintains a valid lease agreement with
4 the property owner for the property in which the electric vehicle
5 infrastructure was installed.

6 (b) An exemption may be granted under this section only to the
7 property owner or lessee that pays for all the expenses associated with
8 the installation and purchase of the electric vehicle infrastructure.
9 In no event may both the property owner and the lessee receive an
10 exemption under this section in the same calendar year for the
11 installation and purchase of the same electric vehicle infrastructure.

12 (c) After December 1, 2019, no new application for a special tax
13 exemption may be made by a property owner or lessee, or accepted by the
14 county assessor.

15 (2) For purposes of this section, "special property tax exemption"
16 means the determination of the assessed value of the property
17 subtracting, for ten years, the increase in value attributable to the
18 installation of electric vehicle infrastructure.

19 (3) The county assessor must, for ten consecutive assessment years
20 following the calendar year in which the application is made, place a
21 special property tax exemption on property classified as eligible.

22 (4) The definitions in this subsection apply throughout this
23 section unless the context clearly requires otherwise.

24 (a) "Battery charging station" means an electrical component
25 assembly or cluster of component assemblies designed specifically to
26 charge batteries within electric vehicles, which meet or exceed any
27 standards, codes, and regulations set forth by the society of
28 automotive engineers, the national electric code, or other federal,
29 state, and local agencies.

30 (b) "Battery exchange station" means a fully automated facility
31 that will enable an electric vehicle with a swappable battery to enter
32 a drive lane and exchange the depleted battery with a fully charged
33 battery through a fully automated process, which meets or exceeds any
34 standards, codes, and regulations set forth by the society of
35 automotive engineers, the national electric code, or other federal,
36 state, and local agencies.

37 (c) "Electric vehicle" means a passenger vehicle that uses

1 electricity as its sole source of propulsion power, including plug-in
2 electric vehicles and extended-range electric vehicles.

3 (d) "Electric vehicle infrastructure" means structures, machinery,
4 and equipment necessary to support an electric vehicle, including
5 battery charging stations, rapid charging stations, and battery
6 exchange stations.

7 (e) "Rapid charging station" means an industrial grade electrical
8 outlet that allows for faster recharging of electric vehicle batteries
9 through higher power levels, which meets or exceeds any standards,
10 codes, and regulations set forth by the society of automotive
11 engineers, the national electric code, or other federal, state, and
12 local agencies.

13 NEW SECTION. **Sec. 4.** A new section is added to chapter 82.29A RCW
14 to read as follows:

15 (1) Leasehold excise tax may not be imposed on leases to tenants of
16 public lands for purposes of installing, maintaining, and operating
17 electric vehicle infrastructure.

18 (2) The definitions in this subsection apply throughout this
19 section unless the context clearly requires otherwise.

20 (a) "Battery charging station" means an electrical component
21 assembly or cluster of component assemblies designed specifically to
22 charge batteries within electric vehicles, which meet or exceed any
23 standards, codes, and regulations set forth by the society of
24 automotive engineers, the national electric code, or other federal,
25 state, and local agencies.

26 (b) "Battery exchange station" means a fully automated facility
27 that will enable an electric vehicle with a swappable battery to enter
28 a drive lane and exchange the depleted battery with a fully charged
29 battery through a fully automated process, which meets or exceeds any
30 standards, codes, and regulations set forth by the society of
31 automotive engineers, the national electric code, or other federal,
32 state, and local agencies.

33 (c) "Electric vehicle" means a passenger vehicle that uses
34 electricity as its sole source of propulsion power, including plug-in
35 electric vehicles and extended-range electric vehicles.

36 (d) "Electric vehicle infrastructure" means structures, machinery,

1 and equipment necessary to support an electric vehicle, including
2 battery charging stations, rapid charging stations, and battery
3 exchange stations.

4 (e) "Rapid charging station" means an industrial grade electrical
5 outlet that allows for faster recharging of electric vehicle batteries
6 through higher power levels, which meets or exceeds any standards,
7 codes, and regulations set forth by the society of automotive
8 engineers, the national electric code, or other federal, state, and
9 local agencies.

10 (3) This section expires January 1, 2020.

11 NEW SECTION. **Sec. 5.** A new section is added to chapter 82.08 RCW
12 to read as follows:

13 (1) The tax imposed by RCW 82.08.020 does not apply to:

- 14 (a) The sale of electric vehicles;
- 15 (b) The sale of electric vehicle batteries;
- 16 (c) The sale of or charge made for labor and services rendered in
17 respect to installing, repairing, altering, or improving electric
18 vehicle batteries;
- 19 (d) The sale of or charge made for labor and services rendered in
20 respect to installing, constructing, repairing, or improving electric
21 vehicle infrastructure; and

22 (e) The sale of tangible personal property that will become a
23 component of electric vehicle infrastructure during the course of
24 installing, constructing, repairing, or improving electric vehicle
25 infrastructure.

26 (2) Sellers may make tax exempt sales under this section only if
27 the buyer provides the seller with an exemption certification in a form
28 and manner prescribed by the department. The seller must retain a copy
29 of the certificate for the seller's files.

30 (3) The definitions in this subsection apply throughout this
31 section unless the context clearly requires otherwise.

32 (a) "Battery charging station" means an electrical component
33 assembly or cluster of component assemblies designed specifically to
34 charge batteries within electric vehicles, which meet or exceed any
35 standards, codes, and regulations set forth by the society of
36 automotive engineers, the national electric code, or other federal,
37 state, and local agencies.

1 (b) "Battery exchange station" means a fully automated facility
2 that will enable an electric vehicle with a swappable battery to enter
3 a drive lane and exchange the depleted battery with a fully charged
4 battery through a fully automated process, which meets or exceeds any
5 standards, codes, and regulations set forth by the society of
6 automotive engineers, the national electric code, or other federal,
7 state, and local agencies.

8 (c) "Electric vehicle" means a passenger vehicle that uses
9 electricity as its sole source of propulsion power, including plug-in
10 electric vehicles and extended-range electric vehicles.

11 (d) "Electric vehicle infrastructure" means structures, machinery,
12 and equipment necessary to support an electric vehicle, including
13 battery charging stations, rapid charging stations, and battery
14 exchange stations.

15 (e) "Rapid charging station" means an industrial grade electrical
16 outlet that allows for faster recharging of electric vehicle batteries
17 through higher power levels, which meets or exceeds any standards,
18 codes, and regulations set forth by the society of automotive
19 engineers, the national electric code, or other federal, state, and
20 local agencies.

21 (4) This section expires January 1, 2020.

22 NEW SECTION. **Sec. 6.** A new section is added to chapter 82.12 RCW
23 to read as follows:

24 (1) The tax imposed by RCW 82.12.020 does not apply to the use of:

25 (a) Electric vehicles;

26 (b) Electric vehicle batteries;

27 (c) Labor and services rendered in respect to installing,
28 repairing, altering, or improving electric vehicle batteries; and

29 (d) Tangible personal property that will become a component of
30 electric vehicle infrastructure during the course of installing,
31 constructing, repairing, or improving electric vehicle infrastructure.

32 (2) The definitions in this subsection apply throughout this
33 section unless the context clearly requires otherwise.

34 (a) "Battery charging station" means an electrical component
35 assembly or cluster of component assemblies designed specifically to
36 charge batteries within electric vehicles, which meet or exceed any

1 standards, codes, and regulations set forth by the society of
2 automotive engineers, the national electric code, or other federal,
3 state, and local agencies.

4 (b) "Battery exchange station" means a fully automated facility
5 that will enable an electric vehicle with a swappable battery to enter
6 a drive lane and exchange the depleted battery with a fully charged
7 battery through a fully automated process, which meets or exceeds any
8 standards, codes, and regulations set forth by the society of
9 automotive engineers, the national electric code, or other federal,
10 state, and local agencies.

11 (c) "Electric vehicle" means a passenger vehicle that uses
12 electricity as its sole source of propulsion power, including plug-in
13 electric vehicles and extended-range electric vehicles.

14 (d) "Electric vehicle infrastructure" means structures, machinery,
15 and equipment necessary to support an electric vehicle, including
16 battery charging stations, rapid charging stations, and battery
17 exchange stations.

18 (e) "Rapid charging station" means an industrial grade electrical
19 outlet that allows for faster recharging of electric vehicle batteries
20 through higher power levels, which meets or exceeds any standards,
21 codes, and regulations set forth by the society of automotive
22 engineers, the national electric code, or other federal, state, and
23 local agencies.

24 (3) This section expires January 1, 2020.

25 NEW SECTION. **Sec. 7.** A new section is added to chapter 79.13 RCW
26 under the subchapter heading "general provisions" to read as follows:

27 (1) The state and any local government, including any housing
28 authority, is authorized to lease land owned by such an entity to any
29 person for purposes of installing, maintaining, and operating a battery
30 charging station, a battery exchange station, or a rapid charging
31 station, for a term not in excess of fifty years, for rent of not less
32 than one dollar per year, and with such other terms as the public
33 entity's governing body determines in its sole discretion.

34 (2) The definitions in this subsection apply throughout this
35 section unless the context clearly requires otherwise.

36 (a) "Battery charging station" means an electrical component
37 assembly or cluster of component assemblies designed specifically to

1 charge batteries within electric vehicles, which meet or exceed any
2 standards, codes, and regulations set forth by the society of
3 automotive engineers, the national electric code, or other federal,
4 state, and local agencies.

5 (b) "Battery exchange station" means a fully automated facility
6 that will enable an electric vehicle with a swappable battery to enter
7 a drive lane and exchange the depleted battery with a fully charged
8 battery through a fully automated process, which meets or exceeds any
9 standards, codes, and regulations set forth by the society of
10 automotive engineers, the national electric code, or other federal,
11 state, and local agencies.

12 (c) "Electric vehicle" means a passenger vehicle that uses
13 electricity as its sole source of propulsion power, including plug-in
14 electric vehicles and extended-range electric vehicles.

15 (d) "Rapid charging station" means an industrial grade electrical
16 outlet that allows for faster recharging of electric vehicle batteries
17 through higher power levels, which meets or exceeds any standards,
18 codes, and regulations set forth by the society of automotive
19 engineers, the national electric code, or other federal, state, and
20 local agencies.

21 **Sec. 8.** RCW 43.19.648 and 2007 c 348 s 202 are each amended to
22 read as follows:

23 (1) Effective June 1, 2015, all state agencies and local government
24 subdivisions of the state, to the extent determined practicable by the
25 rules adopted by the department of community, trade, and economic
26 development pursuant to RCW 43.325.080, are required to satisfy one
27 hundred percent of their fuel usage for operating publicly owned
28 vessels, vehicles, and construction equipment from electricity or
29 biofuel.

30 (2) In order to phase in this transition for the state, all state
31 agencies, to the extent determined practicable by the department of
32 community, trade, and economic development by rules adopted pursuant to
33 RCW 43.325.080, are required to achieve forty percent fuel usage for
34 operating publicly owned vessels, vehicles, and construction equipment
35 from electricity or biofuel by June 1, 2013. The department of general
36 administration, in consultation with the department of community,

1 trade, and economic development, shall report to the governor and the
2 legislature by December 1, 2013, on what percentage of the state's fuel
3 usage is from electricity or biofuel.

4 (3) Except for cars owned or operated by the Washington state
5 patrol, when tires on vehicles in the state's motor vehicle fleet are
6 replaced, they must be replaced with tires that have the same or better
7 rolling resistance as the original tires.

8 (4) By December 31, 2015, the state must, to the extent
9 practicable, install electrical outlets capable of charging electric
10 vehicles in each of the state's fleet parking and maintenance
11 facilities.

12 (5) By December 31, 2015, the state must, to the extent
13 practicable, install electrical outlets capable of charging electric
14 vehicles in each state-operated highway rest stop.

15 (6) By December 31, 2015, the state must provide the opportunity to
16 lease space for the limited purpose of installing and operating a
17 battery exchange station or a battery charging station in appropriate
18 state-owned highway rest stops.

19 (7) The definitions in this subsection apply throughout this
20 section unless the context clearly requires otherwise.

21 (a) "Battery charging station" means an electrical component
22 assembly or cluster of component assemblies designed specifically to
23 charge batteries within electric vehicles, which meet or exceed any
24 standards, codes, and regulations set forth by the society of
25 automotive engineers, the national electric code, or other federal,
26 state, and local agencies.

27 (b) "Battery exchange station" means a fully automated facility
28 that will enable an electric vehicle with a swappable battery to enter
29 a drive lane and exchange the depleted battery with a fully charged
30 battery through a fully automated process, which meets or exceeds any
31 standards, codes, and regulations set forth by the society of
32 automotive engineers, the national electric code, or other federal,
33 state, and local agencies.

34 (c) "Electric vehicle" means a passenger vehicle that uses
35 electricity as its sole source of propulsion power, including plug-in
36 electric vehicles and extended-range electric vehicles.

1 NEW SECTION. **Sec. 9.** A new section is added to chapter 43.21C RCW
2 to read as follows:

3 (1) The installation of individual battery charging stations and
4 battery exchange stations, which individually are categorically exempt
5 under the rules adopted under RCW 43.21C.110, shall not be disqualified
6 from such categorically exempt status as a result of their being parts
7 of a larger proposal that includes other such facilities and related
8 utility networks under the rules adopted under RCW 43.21C.110.

9 (2) The definitions in this subsection apply throughout this
10 section unless the context clearly requires otherwise.

11 (a) "Battery charging station" means an electrical component
12 assembly or cluster of component assemblies designed specifically to
13 charge batteries within electric vehicles, which meet or exceed any
14 standards, codes, and regulations set forth by the society of
15 automotive engineers, the national electric code, or other federal,
16 state, and local agencies.

17 (b) "Battery exchange station" means a fully automated facility
18 that will enable an electric vehicle with a swappable battery to enter
19 a drive lane and exchange the depleted battery with a fully charged
20 battery through a fully automated process, which meets or exceeds any
21 standards, codes, and regulations set forth by the society of
22 automotive engineers, the national electric code, or other federal,
23 state, and local agencies.

24 (c) "Electric vehicle" means a passenger vehicle that uses
25 electricity as its sole source of propulsion power, including plug-in
26 electric vehicles and extended-range electric vehicles.

27 NEW SECTION. **Sec. 10.** A new section is added to chapter 19.27 RCW
28 to read as follows:

29 (1) The state building code council shall adopt by rule standards
30 for electric vehicle infrastructure. Rules adopted by the council must
31 consider applicable national and international standards.

32 (2) The definitions in this subsection apply throughout this
33 section unless the context clearly requires otherwise.

34 (a) "Battery charging station" means an electrical component
35 assembly or cluster of component assemblies designed specifically to
36 charge batteries within electric vehicles, which meet or exceed any

1 standards, codes, and regulations set forth by the society of
2 automotive engineers, the national electric code, or other federal,
3 state, and local agencies.

4 (b) "Battery exchange station" means a fully automated facility
5 that will enable an electric vehicle with a swappable battery to enter
6 a drive lane and exchange the depleted battery with a fully charged
7 battery through a fully automated process, which meets or exceeds any
8 standards, codes, and regulations set forth by the society of
9 automotive engineers, the national electric code, or other federal,
10 state, and local agencies.

11 (c) "Electric vehicle" means a passenger vehicle that uses
12 electricity as its sole source of propulsion power, including plug-in
13 electric vehicles and extended-range electric vehicles.

14 (d) "Electric vehicle infrastructure" means structures, machinery,
15 and equipment necessary to support an electric vehicle, including
16 battery charging stations, rapid charging stations, and battery
17 exchange stations.

18 (e) "Rapid charging station" means an industrial grade electrical
19 outlet that allows for faster recharging of electric vehicle batteries
20 through higher power levels, which meets or exceeds any standards,
21 codes, and regulations set forth by the society of automotive
22 engineers, the national electric code, or other federal, state, and
23 local agencies.

24 NEW SECTION. **Sec. 11.** A new section is added to chapter 35.63 RCW
25 to read as follows:

26 (1) Electric vehicle infrastructure is a permitted use in all zones
27 other than residential zones by July 1, 2010. Any local land use
28 regulatory authority pertaining to the development and construction of
29 electric vehicle infrastructure must be exercised in a manner that does
30 not render the project impracticable or significantly delay its
31 installation.

32 (2) Cities are authorized to adopt incentive programs to encourage
33 the retrofitting of existing structures with the electrical outlets
34 capable of charging electric vehicles. Incentives may include bonus
35 height, site coverage, floor area ratio, and transferable development
36 rights for use in urban growth areas.

1 (3) The definitions in this subsection apply throughout this
2 section unless the context clearly requires otherwise.

3 (a) "Battery charging station" means an electrical component
4 assembly or cluster of component assemblies designed specifically to
5 charge batteries within electric vehicles, which meet or exceed any
6 standards, codes, and regulations set forth by the society of
7 automotive engineers, the national electric code, or other federal,
8 state, and local agencies.

9 (b) "Battery exchange station" means a fully automated facility
10 that will enable an electric vehicle with a swappable battery to enter
11 a drive lane and exchange the depleted battery with a fully charged
12 battery through a fully automated process, which meets or exceeds any
13 standards, codes, and regulations set forth by the society of
14 automotive engineers, the national electric code, or other federal,
15 state, and local agencies.

16 (c) "Electric vehicle" means a passenger vehicle that uses
17 electricity as its sole source of propulsion power, including plug-in
18 electric vehicles and extended-range electric vehicles.

19 (d) "Electric vehicle infrastructure" means structures, machinery,
20 and equipment necessary to support an electric vehicle, including
21 battery charging stations, rapid charging stations, and battery
22 exchange stations.

23 (e) "Rapid charging station" means an industrial grade electrical
24 outlet that allows for faster recharging of electric vehicle batteries
25 through higher power levels, which meets or exceeds any standards,
26 codes, and regulations set forth by the society of automotive
27 engineers, the national electric code, or other federal, state, and
28 local agencies.

29 NEW SECTION. **Sec. 12.** A new section is added to chapter 35A.63
30 RCW to read as follows:

31 (1) Electric vehicle infrastructure is a permitted use in all zones
32 other than residential zones by July 1, 2010. Any local land use
33 regulatory authority pertaining to the development and construction of
34 electric vehicle infrastructure must be exercised in a manner that does
35 not render the project impracticable or significantly delay its
36 installation.

1 (2) Code cities are authorized to adopt incentive programs to
2 encourage the retrofitting of existing structures with the electrical
3 outlets capable of charging electric vehicles. Incentives may include
4 bonus height, site coverage, floor area ratio, and transferable
5 development rights for use in urban growth areas.

6 (3) The definitions in this subsection apply throughout this
7 section unless the context clearly requires otherwise.

8 (a) "Battery charging station" means an electrical component
9 assembly or cluster of component assemblies designed specifically to
10 charge batteries within electric vehicles, which meet or exceed any
11 standards, codes, and regulations set forth by the society of
12 automotive engineers, the national electric code, or other federal,
13 state, and local agencies.

14 (b) "Battery exchange station" means a fully automated facility
15 that will enable an electric vehicle with a swappable battery to enter
16 a drive lane and exchange the depleted battery with a fully charged
17 battery through a fully automated process, which meets or exceeds any
18 standards, codes, and regulations set forth by the society of
19 automotive engineers, the national electric code, or other federal,
20 state, and local agencies.

21 (c) "Electric vehicle" means a passenger vehicle that uses
22 electricity as its sole source of propulsion power, including plug-in
23 electric vehicles and extended-range electric vehicles.

24 (d) "Electric vehicle infrastructure" means structures, machinery,
25 and equipment necessary to support an electric vehicle, including
26 battery charging stations, rapid charging stations, and battery
27 exchange stations.

28 (e) "Rapid charging station" means an industrial grade electrical
29 outlet that allows for faster recharging of electric vehicle batteries
30 through higher power levels, which meets or exceeds any standards,
31 codes, and regulations set forth by the society of automotive
32 engineers, the national electric code, or other federal, state, and
33 local agencies.

34 NEW SECTION. **Sec. 13.** A new section is added to chapter 36.70 RCW
35 to read as follows:

36 (1) Electric vehicle infrastructure is a permitted use in all zones
37 other than residential zones by July 1, 2010. Any local land use

1 regulatory authority pertaining to the development and construction of
2 electric vehicle infrastructure must be exercised in a manner that does
3 not render the project impracticable or significantly delay its
4 installation.

5 (2) Counties and cities are authorized to adopt incentive programs
6 to encourage the retrofitting of existing structures with the
7 electrical outlets capable of charging electric vehicles. Incentives
8 may include bonus height, site coverage, floor area ratio, and
9 transferable development rights for use in urban growth areas.

10 (3) The definitions in this subsection apply throughout this
11 section unless the context clearly requires otherwise.

12 (a) "Battery charging station" means an electrical component
13 assembly or cluster of component assemblies designed specifically to
14 charge batteries within electric vehicles, which meet or exceed any
15 standards, codes, and regulations set forth by the society of
16 automotive engineers, the national electric code, or other federal,
17 state, and local agencies.

18 (b) "Battery exchange station" means a fully automated facility
19 that will enable an electric vehicle with a swappable battery to enter
20 a drive lane and exchange the depleted battery with a fully charged
21 battery through a fully automated process, which meets or exceeds any
22 standards, codes, and regulations set forth by the society of
23 automotive engineers, the national electric code, or other federal,
24 state, and local agencies.

25 (c) "Electric vehicle" means a passenger vehicle that uses
26 electricity as its sole source of propulsion power, including plug-in
27 electric vehicles and extended-range electric vehicles.

28 (d) "Electric vehicle infrastructure" means structures, machinery,
29 and equipment necessary to support an electric vehicle, including
30 battery charging stations, rapid charging stations, and battery
31 exchange stations.

32 (e) "Rapid charging station" means an industrial grade electrical
33 outlet that allows for faster recharging of electric vehicle batteries
34 through higher power levels, which meets or exceeds any standards,
35 codes, and regulations set forth by the society of automotive
36 engineers, the national electric code, or other federal, state, and
37 local agencies.

1 NEW SECTION. **Sec. 14.** A new section is added to chapter 36.70A
2 RCW to read as follows:

3 (1) Electric vehicle infrastructure is a permitted use in all zones
4 other than residential zones by July 1, 2010. Any local land use
5 regulatory authority pertaining to the development and construction of
6 electric vehicle infrastructure must be exercised in a manner that does
7 not render the project impracticable or significantly delay its
8 installation.

9 (2) Counties and cities are authorized to adopt incentive programs
10 to encourage the retrofitting of existing structures with the
11 electrical outlets capable of charging electric vehicles. Incentives
12 may include bonus height, site coverage, floor area ratio, and
13 transferable development rights for use in urban growth areas.

14 (3) The definitions in this subsection apply throughout this
15 section unless the context clearly requires otherwise.

16 (a) "Battery charging station" means an electrical component
17 assembly or cluster of component assemblies designed specifically to
18 charge batteries within electric vehicles, which meet or exceed any
19 standards, codes, and regulations set forth by the society of
20 automotive engineers, the national electric code, or other federal,
21 state, and local agencies.

22 (b) "Battery exchange station" means a fully automated facility
23 that will enable an electric vehicle with a swappable battery to enter
24 a drive lane and exchange the depleted battery with a fully charged
25 battery through a fully automated process, which meets or exceeds any
26 standards, codes, and regulations set forth by the society of
27 automotive engineers, the national electric code, or other federal,
28 state, and local agencies.

29 (c) "Electric vehicle" means a passenger vehicle that uses
30 electricity as its sole source of propulsion power, including plug-in
31 electric vehicles and extended-range electric vehicles.

32 (d) "Electric vehicle infrastructure" means structures, machinery,
33 and equipment necessary to support an electric vehicle, including
34 battery charging stations, rapid charging stations, and battery
35 exchange stations.

36 (e) "Rapid charging station" means an industrial grade electrical
37 outlet that allows for faster recharging of electric vehicle batteries
38 through higher power levels, which meets or exceeds any standards,

1 codes, and regulations set forth by the society of automotive
2 engineers, the national electric code, or other federal, state, and
3 local agencies.

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