## <u>2SHB 2042</u> - H AMD **766**By Representative Fey

## ADOPTED AS AMENDED 04/23/2019

1 Strike everything after the enacting clause and insert the 2 following:

"NEW SECTION. Sec. 1. The legislature finds that increasing the 3 4 rate of adoption of electric vehicles and vessels and other clean alternative fuel vehicles will help to reduce harmful air pollution 5 6 from exhaust emissions, including greenhouse gas emissions, in the 7 state. The legislature also finds that an increased reliance on greener transit options will help to further reduce harmful air 8 9 pollution from exhaust emissions. The legislature further finds that support for clean alternative fuel infrastructure can 10 11 increase adoption of green transportation in the state, as noted in a 12 2015 joint transportation committee report. It is therefore the 13 legislature's intent to drive green vehicle and vessel adoption and 14 increased green transit use by: (1) Establishing and extending tax 15 incentive programs for alternative fuel vehicles and infrastructure, including for commercial vehicles; (2) providing 16 17 funding for a capital grant program to assist transit authorities in reducing the carbon output of their fleets; (3) increasing public and 18 19 private electric utilities' ability to invest in electric vehicle 20 charging infrastructure; (4) establishing a technical assistance 21 program for public agencies within the Washington State University's 22 energy program; (5) funding a pilot program to test methods for facilitating access to alternative fuel vehicles and alternative fuel 2.3 24 vehicle infrastructure by low-income residents of the state; (6) 25 funding a study to examine opportunities to provide financing assistance to lower-income residents of the state who would like to 26 27 purchase an electric vehicle; and (7) establishing a tax incentive 28 program for certain electric vessels.

- 29 **Sec. 2.** RCW 28B.30.903 and 2010 c 37 s 1 are each amended to 30 read as follows:
- 31 <u>(1)</u> The Washington State University extension energy program 32 shall provide information, technical assistance, and consultation on Code Rev/JA:amh 1 H-3001.2/19 2nd draft

- physical plant operation, maintenance, and construction issues to state and local governments, tribal governments, and nonprofit organizations through its plant operations support program. The Washington State University extension energy program may not enter into facilities design or construction contracts on behalf of state or local government agencies, tribal governments, or nonprofit organizations. The plant operations support program created in this section must be funded by voluntary subscription charges, service fees, and other funding acquired by or provided to Washington State University for such purposes.
- 11 (2) Subject to the availability of amounts appropriated for this
  12 specific purpose, the Washington State University extension energy
  13 program shall establish and administer a technical assistance and
  14 education program focused on the use of alternative fuel vehicles.
  15 Education and assistance may be provided to public agencies,
  16 including local governments and other state political subdivisions.
  - Sec. 3. RCW 46.17.323 and 2015 3rd sp.s. c 44 s 203 are each amended to read as follows:
  - (1) Before accepting an application for an annual vehicle registration renewal for a vehicle that both (a) uses at least one method of propulsion that is capable of being reenergized by an external source of electricity and (b) is capable of traveling at least thirty miles using only battery power, the department, county auditor or other agent, or subagent appointed by the director must require the applicant to pay a one hundred dollar fee in addition to any other fees and taxes required by law. The one hundred dollar fee is due only at the time of annual registration renewal.
  - (2) This section only applies to a vehicle that is designed to have the capability to drive at a speed of more than thirty-five miles per hour.
  - (3) (a) Except as provided in (c) of this subsection, the fee under this section is imposed to provide funds to mitigate the impact of vehicles on state roads and highways and for the purpose of evaluating the feasibility of transitioning from a revenue collection system based on fuel taxes to a road user assessment system, and is separate and distinct from other vehicle license fees. Except as provided in (c) of this subsection, proceeds from the fee in subsection (1) of this section must be used for highway purposes, and

- 1 must be deposited in the motor vehicle fund created in RCW 46.68.070, 2 subject to (b) of this subsection.
  - (b) Except as provided in (c) of this subsection, if in any year the amount of proceeds from the fee collected under subsection (1) of this section exceeds one million dollars, the excess amount over one million dollars must be deposited as follows:
- 7 (i) Seventy percent to the motor vehicle fund created in RCW 8 46.68.070;
- 9 (ii) Fifteen percent to the transportation improvement account 10 created in RCW 47.26.084; and
- 11 (iii) Fifteen percent to the rural arterial trust account created 12 in RCW 36.79.020.
- (c) Beginning August 1, 2019, until August 1, 2024, all proceeds
  from the fee in subsection (1) of this section must be deposited in
  the electric vehicle account created in RCW 82.44.200.
  - (4) (a) In addition to the fee established in subsection (1) of this section, before accepting an application for an annual vehicle registration renewal for a vehicle that both (i) uses at least one method of propulsion that is capable of being reenergized by an external source of electricity and (ii) is capable of traveling at least thirty miles using only battery power, the department, county auditor or other agent, or subagent appointed by the director must require the applicant to pay a ((fifty)) one hundred dollar fee until August 1, 2029. Beginning August 1, 2029, the additional fee established in this subsection is reduced to fifty dollars.
- 26 (b) The fee required under (a) of this subsection must be 27 ((distributed as follows:
- (i) The first one million dollars raised by the fee must be deposited into the multimodal transportation account created in RCW 47.66.070; and
- (ii) Any remaining amounts must be) deposited into the ((motor vehicle fund)) electric vehicle account created in RCW ((46.68.070)) 82.44.200.
- 34 (5) This section applies to annual vehicle registration renewals 35 until the effective date of enacted legislation that imposes a 36 vehicle miles traveled fee or tax.
- 37 **Sec. 4.** RCW 47.04.350 and 2015 3rd sp.s. c 44 s 403 are each 38 amended to read as follows:

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- (1) <u>Subject to the availability of amounts appropriated for this specific purpose</u>, the department's public-private partnership office must develop <u>and maintain</u> a ((<del>pilot</del>)) program to support the deployment of ((<del>electric</del>)) <u>clean alternative fuel</u> vehicle charging and refueling infrastructure that is supported by private financing.
- (2) The department must define corridors in which bidders may propose to install electric vehicle charging infrastructure or hydrogen fueling stations, and may update these corridors over time as needed. Alternatively, a bidder may propose a corridor in which the bidder proposes to install electric vehicle infrastructure or hydrogen fueling stations if the department has adopted rules allowing such a proposal and establishing guidelines for how such a proposal will be considered.
- (3) (a) For bid proposals under this section, the department must require the following:
  - (i) Bidders must have private sector partners contributing to the project who stand to gain indirect value from development of the project, such as motor vehicle manufacturers, retail stores, or tourism stakeholders;
  - (ii) Bidders must demonstrate that the proposed project will be valuable to ((electric)) clean alternative fuel vehicle drivers and will address an existing gap in the state's ((electric vehicle charging station)) low carbon transportation infrastructure;
- (iii) Projects must be expected to be profitable and sustainable for the owner-operator and the private partner; and
- (iv) Bidders must specify how the project captures the indirect value of charging or refueling station deployment to the private partner.
- 29 (b) The department may adopt rules that require any other 30 criteria for a successful project.
  - (4) In evaluating proposals under this section, the department may use the electric vehicle financial analysis tool that was developed in the joint transportation committee's study into financing electric vehicle charging station infrastructure.
  - (5) (a) After selecting a successful proposer under this section, the department may provide a loan or grant to the proposer.
- 37 (b) Grants and loans issued under this subsection must be funded 38 from the electric vehicle ((charging infrastructure)) account created 39 in RCW 82.44.200.

- 1 (c) Any project selected for support under this section is 2 eligible for only one grant or loan as a part of the ((pilot)) 3 program.
  - (6) The department may conduct preliminary workshops with potential bidders and other potential private sector partners to determine the best method of designing and maintaining the ((pilot)) program, discuss how to develop and maintain the partnerships among the private sector partners that may receive indirect value, and any other issues relating to the implementation and administration of this section. The department should consider regional workshops to engage potential business partners from across the state.
- 12 (7) The department must adopt rules to implement <u>and administer</u> 13 this section.
- **Sec. 5.** 2019 c ... (SHB 1512) s 1 (uncodified) is amended to 15 read as follows:

The legislature finds that:

- (1) Programs for the electrification of transportation have the potential to allow electric utilities to optimize the use of electric grid infrastructure, improve the management of electric loads, and better manage the integration of variable renewable energy resources. Depending upon each utility's unique circumstances, electrification of transportation programs may provide cost-effective energy efficiency, through more efficient use of energy resources, and more efficient use of the electric delivery system. Electrification of transportation may result in cost savings and benefits for all ratepayers.
- (2) State policy can achieve the greatest return on investment in reducing greenhouse gas emissions and improving air quality by expediting the transition to alternative fuel vehicles, including electric vehicles. Potential benefits associated with electrification of transportation include the monetization of environmental attributes associated with carbon reduction in the transportation sector.
- 34 (3) Legislative clarity is important for utilities to offer programs and services, including incentives, in the electrification of transportation for their customers. It is the intent of the legislature to allow all utilities to support transportation electrification to further the state's policy goals and achieve parity among all electric utilities, so each electric utility, Code Rev/JA:amh

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- 1 depending on its unique circumstances, can determine its appropriate
- 2 role in the development of electrification of transportation
- 3 infrastructure.

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- 4 **Sec. 6.** RCW 80.28.--- and 2019 c ... (SHB 1512) s 4 are each 5 amended to read as follows:
  - An electric utility regulated by the utilities and transportation commission under this chapter may submit to the commission an electrification of transportation plan that deploys electric vehicle supply equipment or provides other electric transportation programs, services, or incentives to support electrification of transportation(( provided that such electric vehicle supply equipment, programs, or services may not increase costs to customers in excess of one-quarter of one percent above the benefits of electric transportation to all customers over a period consistent with the utility's planning horizon under its most recent integrated resource plan)). The plans should align to a period consistent with either the utility's planning horizon under its most recent integrated resource plan or the time frame of the actions contemplated in the plan, and may include:
- 20 (a) Any programs that the utility is proposing contemporaneously with the plan filing or anticipates later in the plan period;
  - (b) Anticipated benefits of transportation electrification, based on a forecast of electric transportation in the utilities' service territory; and
- 25 (c) Anticipated costs of programs, subject to the restrictions in RCW 80.28.360.
  - (2) In reviewing an electrification of transportation plan under subsection (1) of this section, the commission may consider the following: (a) The applicability of multiple options for electrification of transportation across all customer classes; (b) the impact of electrification on the utility's load, and whether demand response or other load management opportunities, including direct load control and dynamic pricing, are operationally appropriate; (c) system reliability and distribution system efficiencies; (d) interoperability concerns, including the interoperability of hardware and software systems in electrification of transportation proposals; and (e) the benefits and costs of the planned actions((; and (f) the overall customer experience)).

- (3) The commission must issue an acknowledgment of an electrification of transportation plan within six months of the submittal of the plan. The commission may establish by rule the requirements for preparation and submission of an electrification of transportation plan. An electric utility may submit a plan under this section before or during rule-making proceedings.
- **Sec. 7.** RCW 80.28.360 and 2019 c ... (SHB 1512) s 5 are each 8 amended to read as follows:
  - (1) In establishing rates for each electrical company regulated under this title, the commission may allow an incentive rate of return on investment through December 31, 2030, on capital expenditures for electric vehicle supply equipment that is deployed for the benefit of ratepayers, provided that the capital expenditures of the utilities' programs or plans in section 6(1) of this act do not increase ((costs to ratepayers)) the annual retail revenue requirement of the utility, after accounting for the benefits of transportation electrification in each year of the plan, in excess of one-quarter of one percent. The commission must consider and may adopt other policies to improve access to and promote fair competition in the provision of electric vehicle supply equipment.
  - (2) An incentive rate of return on investment under this section may be allowed only if the company chooses to pursue capital investment in electric vehicle supply equipment on a fully regulated basis similar to other capital investments behind a customer's meter. In the case of an incentive rate of return on investment allowed under this section, an increment of up to two percent must be added to the rate of return on common equity allowed on the company's other investments.
  - (3) The incentive rate of return on investment authorized in subsection (2) of this section applies only to projects which have been installed after July 1, 2015.
  - (4) The incentive rate of return on investment increment pursuant to this section may be earned only for a period up to the depreciable life of the electric vehicle supply equipment as defined in the depreciation schedules developed by the company and submitted to the commission for review. When the capital investment has fully depreciated, an electrical company may gift the electric vehicle supply equipment to the owner of the property on which it is located.

(5) By December 31, 2017, the commission must report to the appropriate committees of the legislature with regard to the use of any incentives allowed under this section, the quantifiable impacts of the incentives on actual electric vehicle deployment, and any recommendations to the legislature about utility participation in the electric vehicle market.

- NEW SECTION. Sec. 8. This section is the tax preference performance statement for the tax preferences contained in sections 9 through 15, chapter . . ., Laws of 2019 (sections 9 through 15 of this act). The performance statement is only intended to be used for subsequent evaluation of the tax preference. It is not intended to create a private right of action by any party or be used to determine eligibility for preferential tax treatment.
- (1) The legislature categorizes the tax preferences as ones intended to induce certain designated behavior by taxpayers, as indicated in RCW 82.32.808(2)(a).
- (2) It is the legislature's specific public policy objective to increase the use of clean alternative fuel vehicles in Washington. It is the legislature's intent to establish and extend tax incentive programs for alternative fuel vehicles and related infrastructure by:

  (a) Reinstating the sales and use tax exemption on certain clean alternative fuel vehicles in order to reduce the price charged to customers for clean alternative fuel vehicles; (b) extending the business and occupation and public utility tax credit for clean alternative fuel commercial vehicles and expanding it to include clean alternative fuel infrastructure; (c) extending the sales and use tax exemption for electric vehicle batteries, fuel cells, and infrastructure and expanding it to include the electric battery and fuel cell components of electric buses and zero emissions buses; and (d) extending the leasehold excise tax exemption to tenants of public lands for battery and fuel cell electric vehicle infrastructure.
- (3) To measure the effectiveness of the tax preferences in sections 9 through 15, chapter . . ., Laws of 2019 (sections 9 through 15 of this act) in achieving the public policy objectives described in subsection (2) of this section, the joint legislative audit and review committee must evaluate the number of clean alternative fuel vehicles titled in the state.
- (4) In order to obtain the data necessary to perform the review in subsection (3) of this section, the department of licensing and Code Rev/JA:amh 8 H-3001.2/19 2nd draft

- 1 the department of revenue must provide data needed for the joint
- 2 legislative audit and review committee analysis. In addition to the
- 3 data source described under this subsection, the joint legislative
- 4 audit and review committee may use any other data it deems necessary.
  - **Sec. 9.** RCW 82.04.4496 and 2017 c 116 s 1 are each amended to read as follows:
  - (1) (a) (i) A person who is taxable under this chapter is allowed a credit against the tax imposed in this chapter according to the gross vehicle weight rating of the vehicle and the incremental cost of the vehicle purchased above the purchase price of a comparable conventionally fueled vehicle. The credit is limited, as set forth in the table below, to the lesser of the incremental cost amount or the maximum credit amount per vehicle purchased, and subject to a maximum annual credit amount per vehicle class.

Gross Vehicle Weight	Incremental Cost Amount	Maximum Credit Amount	Maximum Annual Credit
		Per Vehicle	Per Vehicle Class
Up to 14,000 pounds	(( <del>50%</del> )) <u>75%</u> of incremental	\$25,000	\$2,000,000
	cost		
14,001 to 26,500 pounds	(( <del>50%</del> )) <u>75%</u> of incremental	\$50,000	\$2,000,000
	cost		
Above 26,500 pounds	(( <del>50%</del> )) <u>75%</u> of incremental	\$100,000	\$2,000,000
	cost		

- (ii) A person who is taxable under this chapter is allowed a credit against the tax imposed in this chapter for up to fifty percent of the cost to purchase alternative fuel vehicle infrastructure, tangible personal property that will become a component of alternative fuel vehicle infrastructure, and installation and construction of alternative fuel vehicle infrastructure, but excluding the cost of property acquisition and site improvement related to the installation of alternative fuel vehicle infrastructure. The credit is subject to a maximum annual credit amount of two million dollars.
- (b) On September 1st of each year, any unused credits from any ((weight class)) category identified in ((the table in)) (a) of this subsection must be made available to applicants applying for credits under any other ((weight class listed)) category identified in (a) of this subsection, subject to the maximum annual and total credit

amounts identified in this subsection. The credit established in this section and RCW 82.16.0496 is subject to a maximum annual credit amount of six million dollars, and a maximum total credit amount of thirty-two and one-half million dollars since the credit became available on July 15, 2015.

- (c) The credit provided in <u>(a)(i) of</u> this subsection  $((\frac{(1)}{(1)}))$  is available for the lease of a vehicle. The credit amount for a leased vehicle is equal to the credit in <u>(a)(i) of</u> this subsection  $((\frac{(1)}{(1)}))$  multiplied by the lease reduction factor. The person claiming the credit for a leased vehicle must be the lessee as identified in the lease contract.
- (2) A person who is taxable under this chapter is allowed, subject to the maximum annual credit per ((vehicle class)) category in subsection (1)(a) of this section, a credit against the tax imposed in this chapter for the lesser of twenty-five thousand dollars or ((thirty)) fifty percent of the costs of converting a commercial vehicle to be principally powered by a clean alternative fuel with a United States environmental protection agency certified conversion.
- (3) The total credits under <u>subsection</u> (1) (a) (i) of this section may not exceed the lesser of two hundred fifty thousand dollars or twenty-five vehicles per person per calendar year.
- (4) A person may not receive credit under this section for amounts claimed as credits under chapter 82.16 RCW.
  - (5) Credits are available on a first-in-time basis.
  - (a) The department must disallow any credits, or portion thereof, that would cause the total amount of credits claimed under this section, and RCW 82.16.0496, during any calendar year to exceed six million dollars. The department must provide notification on its web site monthly on the amount of credits that have been applied for, the amount issued, and the amount remaining before the statewide annual limit is reached. In addition, the department must provide written notice to any person who has applied to claim tax credits in excess of the limitation in this subsection.
- 35 (b) The department must disallow any credits, or portion thereof,
  36 that would cause the total amount of credits claimed beginning July
  37 15, 2015, under this section and RCW 82.16.0496 to exceed thirty-two
  38 and one-half million dollars. The department must provide
  39 notification on its web site monthly on the total amount of credits
  40 that have been applied for, the amount issued, and the amount
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- remaining before the statewide limit is reached. In addition, the department must provide written notice to any person who has applied to claim tax credits in excess of the limitation in this subsection.
  - (6) For the purposes of the limits provided in this section, a credit must be counted against such limits for the calendar year in which the credit is earned.
  - (7) To claim a credit under this section a person must electronically file with the department all returns, forms, and any other information required by the department, in an electronic format as provided or approved by the department. No refunds may be granted for credits under this section.
- 12 (8) To claim a credit under this section, the person applying 13 must:
  - (a) Complete an application for the credit which must include:
- 15 (i) The name, business address, and tax identification number of the applicant;
  - (ii) A quote or unexecuted copy of the purchase requisition or order for the vehicle, infrastructure, infrastructure components, infrastructure construction, or infrastructure installation;
- 20 (iii) The type of alternative fuel to be used by the vehicle <u>or</u> 21 <u>supported by the infrastructure;</u>
  - (iv) The incremental cost of the alternative fuel system <u>for</u> vehicle credits;
  - (v) The anticipated delivery date of the vehicle, the anticipated delivery date of the infrastructure or infrastructure components, the anticipated construction completion date of the infrastructure, or the anticipated installation completion date of the infrastructure;
  - (vi) The estimated annual fuel use of the vehicle in the anticipated duties or the estimated annual fuel to be supplied by the infrastructure;
    - (vii) The gross weight of each vehicle for vehicle credits;
- (viii) For leased vehicles, a copy of the lease contract that includes the gross capitalized cost, residual value, and name of the lessee; and
- 35 (ix) Any other information deemed necessary by the department to 36 support administration or reporting of the program.
- 37 (b) Within fifteen days of notice of credit availability from the 38 department, provide notice of intent to claim the credit including:

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- 1 (i) A copy of the order for the vehicle <u>or infrastructure-related</u>
  2 <u>item</u>, including the total cost for the vehicle <u>or infrastructure-</u>
  3 related item;
- 4 (ii) The anticipated delivery date of the vehicle <u>or</u>
  5 <u>infrastructure or infrastructure component</u>, which must be within one
  6 year of acceptance of the credit; ((and))
  - (iii) The anticipated construction or installation completion date of the infrastructure, which must be within two years of acceptance of the credit; and
- 10 <u>(iv)</u> Any other information deemed necessary by the department to support administration or reporting of the program.
- (c) Provide final documentation within ((fifteen)) thirty days of receipt of the vehicle or infrastructure or infrastructure components or of completion of construction or installation of the infrastructure, including:
- 16 (i) A copy of the final invoice for the vehicle <u>or</u> 17 <u>infrastructure-related items</u>;
  - (ii) A copy of the factory build sheet or equivalent documentation;
    - (iii) The vehicle identification number of each vehicle;
- 21 (iv) The incremental cost of the alternative fuel system <u>for</u> 22 vehicle credits;
  - (v) Attestations signed by both the seller and purchaser of each vehicle attesting that the incremental cost of the alternative fuel system includes only the costs necessary for the vehicle to run on alternative fuel and no other vehicle options, equipment, or costs; and
  - (vi) Any other information deemed necessary by the department to support administration or reporting of the program.
  - (9) A person applying for credit under subsection (8) of this section may apply for multiple vehicles on the same application, but the application must include the required information for each vehicle included in the application. A separate application is required for infrastructure-related items, but all infrastructure-related items at a single location may be included in a single application provided the required information for each infrastructure-related item is included in the application.
- 38 (10) To administer the credits, the department must, at a 39 minimum:

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- (a) Provide notification on its web site monthly of the amount of credits that have been applied for, claimed, and the amount remaining before the statewide annual limit ((is)) and total limit are reached;
- (b) Within fifteen days of receipt of the application, notify persons applying of the availability of tax credits in the year in which the vehicles or infrastructure applied for are anticipated to be delivered, constructed, or installed;
- (c) Within fifteen days of receipt of the notice of intent to claim the tax credit, notify the applicant of the approval, denial, or missing information in their notice; and
- (d) Within fifteen days of receipt of final documentation, review the documentation and notify the person applying of the acceptance of their final documentation.
- 14 (11) If a person fails to supply the information as required in 15 subsection (8) of this section, the department must deny the 16 application.
- 17 (12)(a) Taxpayers are only eligible for a credit under this section based on:
  - (i) Sales or leases of new commercial vehicles and qualifying used commercial vehicles with propulsion units that are principally powered by a clean alternative fuel;  $((\Theta r))$
  - (ii) Costs to modify a commercial vehicle, including sales of tangible personal property incorporated into the vehicle and labor or service expenses incurred in modifying the vehicle, to be principally powered by a clean alternative fuel; or
  - (iii) Sales of alternative fuel vehicle infrastructure or infrastructure components, or the cost of construction or installation of alternative fuel vehicle infrastructure.
  - (b) A credit is earned when the purchaser or the lessee takes receipt of the qualifying commercial vehicle or <u>infrastructure-related item</u>, the <u>vehicle</u> conversion is complete, or the construction or installation of the infrastructure is complete.
  - (13) A credit earned during one calendar year may be carried over to be credited against taxes incurred in the subsequent calendar year, but may not be carried over a second year.
- 36 (14)(a) Beginning November 25, 2015, and on the 25th of February, 37 May, August, and November of each year thereafter, the department 38 must notify the state treasurer of the amount of credits taken under 39 this section as reported on returns filed with the department during

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- the preceding calendar quarter ending on the last day of December,
  March, June, and September, respectively.
  - (b) On the last day of March, June, September, and December of each year, the state treasurer, based upon information provided by the department, must transfer a sum equal to the dollar amount of the credit provided under this section from the multimodal transportation account to the general fund.
  - (15) The department must conduct outreach to interested parties to obtain input on how best to streamline the application process required for the credit made available in this section and RCW 82.16.0496 to further adoption of alternative fuel technologies in commercial vehicle fleets, and must incorporate the findings resulting from this outreach effort into the rules and practices it adopts to implement and administer this section and RCW 82.16.0496 to the extent permitted under law.
- 16 <u>(16)</u> The definitions in this subsection apply throughout this section unless the context clearly requires otherwise.
  - (a) "Alternative fuel vehicle infrastructure" means structures, machinery, and equipment necessary and integral to support a clean alternative fuel vehicle.
  - (b) "Auto transportation company" means any corporation or person owning, controlling, operating, or managing any motor propelled vehicle, used in the business of transporting persons for compensation over public highways within the state of Washington, between fixed points or over a regular route. For the purposes of this section, "auto transportation company" also includes the following categories of providers irrespective of whether they provide service between fixed points or over a regular route:

    "Private, nonprofit transportation provider" as defined in RCW 81.66.010, "charter party carrier" as defined in RCW 81.70.020, and paratransit service providers who primarily provide special needs transportation to individuals with disabilities and the elderly.
  - ((<del>(b)</del>)) <u>(c)</u> "Clean alternative fuel" means electricity, dimethyl ether, hydrogen, methane, natural gas, liquefied natural gas, compressed natural gas, or propane.
  - ((<del>(c)</del>)) <u>(d)</u> "Commercial vehicle" means any commercial vehicle that is purchased by a private business and that is used exclusively in the provision of commercial services or the transportation of commodities, merchandise, produce, refuse, freight, animals, or passengers, and that is displaying a Washington state license plate.

- All commercial vehicles that provide transportation to passengers must be operated by an auto transportation company.
- 3 ((<del>(d)</del>)) <u>(e)</u> "Gross capitalized cost" means the agreed upon value 4 of the commercial vehicle and including any other items a person pays 5 over the lease term that are included in such cost.
- 6  $((\frac{(e)}{(e)}))$  <u>(f)</u> "Lease reduction factor" means the vehicle gross capitalized cost less the residual value, divided by the gross capitalized cost.
- 9  $((\frac{f}{f}))$  (g) "Qualifying used commercial vehicle" means vehicles 10 that:
- 11 (i) Have an odometer reading of less than four hundred fifty 12 thousand miles;
- 13 (ii) Are less than ten years past their original date of 14 manufacture;
- 15 (iii) Were modified after the initial purchase with a United 16 States environmental protection agency certified conversion that 17 would allow the propulsion units to be principally powered by a clean 18 alternative fuel; and
- 19 (iv) Are being sold for the first time after modification.
- $((\frac{g}{g}))$  (h) "Residual value" means the lease-end value of the vehicle as determined by the lessor, at the end of the lease term included in the lease contract.
  - ((<del>(16)</del>)) (17) Credits may be earned under this section from January 1, 2016, ((<del>through January 1, 2021</del>)) until the maximum total credit amount in subsection (1) (b) of this section is reached, except for credits for leased vehicles, which may be earned from July 1, 2016, ((<del>through January 1, 2021</del>)) until the maximum total credit amount in subsection (1) (b) of this section is reached.
- 29 ((<del>(17)</del> Credits earned under this section may not be used after 30 January 1, 2022.
- 31 (18) This section expires January 1, 2022.))

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- NEW SECTION. Sec. 10. A new section is added to chapter 82.08 RCW to read as follows:
- 34 (1) Beginning with sales made or lease agreements signed on or 35 after the qualification period start date:
- 36 (a) The tax levied by RCW 82.08.020 does not apply as provided in 37 (b) of this subsection to sales or leases of new or used passenger 38 cars, light duty trucks, and medium duty passenger vehicles that:
  - (i) Are exclusively powered by a clean alternative fuel; or

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- (ii) Use at least one method of propulsion that is capable of 1 being reenergized by an external source of electricity and are 2 capable of traveling at least thirty miles using only battery power; 3 4 and
- (iii) (A) Have a vehicle selling price plus trade-in property of 5 6 like kind for purchased vehicles that:
  - (I) For a vehicle that is a new vehicle at the time of the purchase date or the date the lease agreement was signed, does not exceed forty-five thousand dollars; or
- (II) For a vehicle that is a used vehicle at the time of the 10 11 purchase date or the date the lease agreement was signed, does not exceed thirty thousand dollars; or 12
- (B) Have a fair market value at the inception of the lease for 13 14 leased vehicles that:
- (I) For a vehicle that is a new vehicle at the time of the 15 purchase date or the date the lease agreement was signed, does not 16 17 exceed forty-five thousand dollars; or
- (II) For a vehicle that is a used vehicle at the time of the 18 purchase date or the date the lease agreement was signed, does not 19 exceed thirty thousand dollars; 20
- 21 (b)(i) The exemption in this section is applicable for up to the amounts specified in (b)(ii) or (iii) of this subsection of: 22
- (A) The total amount of the vehicle's selling price, for sales 23 24 made; or
- 25 (B) The total lease payments made plus any additional selling 26 price of the leased vehicle if the original lessee purchases the leased vehicle before the qualification period end date, for lease 27 28 agreements signed.
  - (ii) Based on the purchase date or the date the lease agreement was signed of the vehicle if the vehicle is a new vehicle at the time of the purchase date or the date the lease agreement was signed:
- (A) From the qualification period start date until July 31, 2021, the maximum amount eligible under (b)(i) of this subsection is 33 thirty-two thousand dollars; 34
- 35 (B) From August 1, 2021, until July 31, 2023, the maximum amount 36 eligible under (b)(i) of this subsection is twenty-four thousand 37 dollars;
- 38 (C) From August 1, 2023, until July 31, 2025, the maximum amount eligible under (b)(i) of this subsection is sixteen thousand dollars. 39

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- (iii) If the vehicle is a used vehicle at the time of the purchase date or the date the lease agreement was signed, the maximum amount eligible under (b)(i) of this subsection is sixteen thousand dollars.
  - (2) The seller must keep records necessary for the department to verify eligibility under this section. A person claiming the exemption must also submit itemized information to the department for all vehicles for which an exemption is claimed that must include the following: Vehicle make; vehicle model; model year; whether the vehicle has been sold or leased; date of sale or start date of lease; length of lease; sales price for purchased vehicles and fair market value at the inception of the lease for leased vehicles; and the total amount qualifying for the incentive claimed for each vehicle, in addition to the future monthly amount to be claimed for each leased vehicle. This information must be provided in a form and manner prescribed by the department.
  - (3) (a) The department of licensing must maintain and publish a list of all vehicle models that meet the qualifying criteria in subsection (1)(a)(i) or (ii) of this section and section 11(1)(a)(i) or (ii) of this act until the expiration date of this section, and is authorized to issue final rulings on vehicle model qualification for these criteria. A seller is not responsible for repayment of the tax exemption under this section and section 11 of this act for a vehicle if the department of licensing's published list of qualifying vehicle models on the purchase date or the date the lease agreement was signed includes the vehicle model and the department of licensing subsequently removes the vehicle model from the published list, provided the vehicle meets the applicable qualifying criterion under subsection (1)(a)(iii) of this section and section 11(1)(a)(iii) of this act.
  - (b) The department of revenue retains responsibility for determining whether a vehicle meets the applicable qualifying criterion under subsection (1)(a)(iii) of this section and section 11(1)(a)(iii) of this act.
  - (4) On the last day of January, April, July, and October of each year, the state treasurer, based upon information provided by the department, must transfer from the electric vehicle account to the general fund a sum equal to the dollar amount that would otherwise have been deposited into the general fund during the prior calendar quarter but for the exemption provided in this section. Information

- provided by the department to the state treasurer must be based on the best available data, except that the department may provide estimates of taxes exempted under this section until such time as retailers are able to report such exempted amounts on their tax returns.
  - (5) By the last day of October 2019, and every six months thereafter until this section expires, based on the best available data, the department must report the following information to the transportation committees of the legislature: The cumulative number of vehicles that qualified for the exemption under this section and section 11 of this act by month of purchase or lease start and vehicle make and model; the dollar amount of all state retail sales and use taxes exempted on or after the qualification period start date, under this section and section 11 of this act; and estimates of the future costs of leased vehicles that qualified for the exemption under this section and section 11 of this act.
  - (6) The definitions in this subsection apply throughout this section unless the context clearly requires otherwise.
    - (a) "Clean alternative fuel" means natural gas, propane, hydrogen, or electricity, when used as a fuel in a motor vehicle that meets the California motor vehicle emission standards in Title 13 of the California Code of Regulations, effective January 1, 2019, and the rules of the Washington state department of ecology.
- 24 (b) "Fair market value" has the same meaning as "value of the 25 article used" in RCW 82.12.010.
- 26 (c) "New vehicle" has the same meaning as "new motor vehicle" in 27 RCW 46.04.358.
  - (d) "Qualification period end date" means August 1, 2025.
- 29 (e) "Qualification period start date" means the effective date of 30 this section.
  - (f) "Used vehicle" has the same meaning as in RCW 46.04.660.
- 32 (7)(a) Sales of vehicles delivered to the buyer or leased 33 vehicles for which the lease agreement was signed after the 34 qualification period end date do not qualify for the exemption under 35 this section.
- 36 (b) All leased vehicles that qualified for the exemption under 37 this section before the qualification period end date must continue 38 to receive the exemption as described under subsection (1)(b) of this 39 section on any lease payments due through the remainder of the lease 40 before the expiration date of this section.

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(8) This section expires August 1, 2028.

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- NEW SECTION. Sec. 11. A new section is added to chapter 82.12
  RCW to read as follows:
  - (1) Beginning with sales made or lease agreements signed on or after the qualification period start date:
  - (a) The provisions of this chapter do not apply as provided in (b) of this subsection in respect to the use of new or used passenger cars, light duty trucks, and medium duty passenger vehicles that:
    - (i) Are exclusively powered by a clean alternative fuel; or
- (ii) Use at least one method of propulsion that is capable of being reenergized by an external source of electricity and are capable of traveling at least thirty miles using only battery power; and
- 14 (iii) (A) Have a fair market value at the time use tax is imposed 15 for purchased vehicles that:
  - (I) For a vehicle that is a new vehicle at the time of the purchase date or the date the lease agreement was signed, does not exceed forty-five thousand dollars; or
- 19 (II) For a vehicle that is a used vehicle at the time of the 20 purchase date or the date the lease agreement was signed, does not 21 exceed thirty thousand dollars; or
- 22 (B) Have a fair market value at the inception of the lease for 23 leased vehicles that:
  - (I) For a vehicle that is a new vehicle at the time of the purchase date or the date the lease agreement was signed, does not exceed forty-five thousand dollars; or
  - (II) For a vehicle that is a used vehicle at the time of the purchase date or the date the lease agreement was signed, does not exceed thirty thousand dollars;
- 30 (b)(i) The exemption in this section is only applicable for up to 31 the amounts specified in (b)(ii) or (iii) of this subsection of:
- 32 (A) The total amount of the vehicle's purchase price, for sales 33 made; or
- 34 (B) The total lease payments made plus any additional purchase 35 price of the leased vehicle if the original lessee purchases the 36 leased vehicle before the qualification period end date, for lease 37 agreements signed.

(ii) Based on the purchase date or the date the lease agreement was signed of the vehicle if the vehicle is a new vehicle at the time of the purchase date or the date the lease agreement was signed:

- (A) From the qualification period start date until July 31, 2021, the maximum amount eligible under (b)(i) of this subsection is thirty-two thousand dollars;
- (B) From August 1, 2021, until July 31, 2023, the maximum amount eligible under (b)(i) of this subsection is twenty-four thousand dollars;
- (C) From August 1, 2023, until July 31, 2025, the maximum amount eliqible under (b)(i) of this subsection is sixteen thousand dollars.
- (iii) If the vehicle is a used vehicle at the time of the purchase date or the date the lease agreement was signed, the maximum amount eligible under (b)(i) of this subsection is sixteen thousand dollars.
- (2) (a) The seller must keep records necessary for the department to verify eligibility under this section, except as provided in (b) of this subsection. A person claiming the exemption must also submit itemized information to the department for all vehicles for which an exemption is claimed that must include the following: Vehicle make; vehicle model; model year; whether the vehicle has been sold or leased; date of sale or start date of lease; length of lease; fair market value of the vehicle; and the total amount qualifying for the incentive claimed for each vehicle, in addition to the future monthly amount to be claimed for each leased vehicle. This information must be provided in a form and manner prescribed by the department.
- (b) (a) of this subsection applies only if the seller or person claiming the exemption is a vehicle dealer, as defined under RCW 46.70.011. When the seller is not a vehicle dealer, the department of licensing shall establish a process for granting the tax exemption under this section for use tax otherwise collected at the time the ownership of a vehicle is transferred when the vehicle qualifies for the use tax exemption under subsection (1)(a) of this section, and must provide any information required under (a) of this subsection that it obtains as part of the vehicle titling and registration process for these vehicles to the department on at least a quarterly basis.
- (3) On the last day of January, April, July, and October of each year, the state treasurer, based upon information provided by the department, must transfer from the electric vehicle account to the Code Rev/JA:amh

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- general fund a sum equal to the dollar amount that would otherwise have been deposited into the general fund during the prior calendar quarter but for the exemption provided in this section. Information provided by the department to the state treasurer must be based on the best available data.
  - (4) (a) Vehicles purchased or leased vehicles for which the lease agreement was signed after the qualification period end date do not qualify for the exemption under this section.
  - (b) All leased vehicles that qualified for the exemption under this section before the qualification period end date must continue to receive the exemption as described under subsection (1)(b) of this section on any lease payments due through the remainder of the lease before the expiration date of this section.
- 14 (5) The definitions in section 10 of this act apply to this 15 section.
- 16 (6) This section expires August 1, 2028.

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- 17 **Sec. 12.** RCW 82.08.816 and 2009 c 459 s 4 are each amended to 18 read as follows:
  - (1) The tax imposed by RCW 82.08.020 does not apply to:
- 20 (a) The sale of batteries <u>or fuel cells</u> for electric vehicles.
  21 <u>including batteries or fuel cells sold as a component of an electric</u>
  22 <u>bus at the time of the vehicle's sale;</u>
  - (b) The sale of or charge made for labor and services rendered in respect to installing, repairing, altering, or improving electric vehicle batteries or fuel cells;
  - (c) The sale of or charge made for labor and services rendered in respect to installing, constructing, repairing, or improving <u>battery</u> or <u>fuel cell</u> electric vehicle infrastructure, <u>including hydrogen</u> <u>fueling stations</u>; ((and))
  - (d) The sale of tangible personal property that will become a component of <u>battery or fuel cell</u> electric vehicle infrastructure during the course of installing, constructing, repairing, or improving <u>battery or fuel cell</u> electric vehicle infrastructure; and
    - (e) The sale of zero emissions buses.
- 35 (2) Sellers may make tax exempt sales under this section only if 36 the buyer provides the seller with an exemption ((certification)) 37 certificate in a form and manner prescribed by the department. The 38 seller must retain a copy of the certificate for the seller's files.

- 1 (3) The definitions in this subsection apply throughout this 2 section unless the context clearly requires otherwise.
  - (a) "Battery charging station" means an electrical component assembly or cluster of component assemblies designed specifically to charge batteries within electric vehicles, which meet or exceed any standards, codes, and regulations set forth by chapter 19.28 RCW and consistent with rules adopted under RCW 19.27.540.
  - (b) "Battery exchange station" means a fully automated facility that will enable an electric vehicle with a swappable battery to enter a drive lane and exchange the depleted battery with a fully charged battery through a fully automated process, which meets or exceeds any standards, codes, and regulations set forth by chapter 19.28 RCW and consistent with rules adopted under RCW 19.27.540.
  - (c) "Electric vehicle infrastructure" means structures, machinery, and equipment necessary and integral to support ((an)) a battery or fuel cell electric vehicle, including battery charging stations, rapid charging stations, ((and)) battery exchange stations, fueling stations that provide hydrogen for fuel cell electric vehicles, and renewable hydrogen production facilities.
  - (d) "Rapid charging station" means an industrial grade electrical outlet that allows for faster recharging of electric vehicle batteries through higher power levels, which meets or exceeds any standards, codes, and regulations set forth by chapter 19.28 RCW and consistent with rules adopted under RCW 19.27.540.
  - (e) "Renewable hydrogen" means hydrogen produced using renewable resources both as the source for hydrogen and the source for the energy input into the production process.
  - (f) "Renewable resource" means (i) water; (ii) wind; (iii) solar energy; (iv) geothermal energy; (v) renewable natural gas; (vi) renewable hydrogen; (vii) wave, ocean, or tidal power; (viii) biodiesel fuel that is not derived from crops raised on land cleared from old growth or first growth forests; or (ix) biomass energy.
- 33 <u>(g) "Zero emissions bus" means a bus that emits no exhaust gas</u> 34 from the onboard source of power, other than water vapor.
- 35 (4) This section expires  $((\frac{January}{}))$  August 1,  $((\frac{2020}{}))$  2029.
- **Sec. 13.** RCW 82.12.816 and 2009 c 459 s 5 are each amended to read as follows:
- 38 (1) The tax imposed by RCW 82.12.020 does not apply to the use 39 of:

- 1 (a) Electric vehicle batteries <u>or fuel cells, including batteries</u>
  2 <u>or fuel cells sold as a component of an electric bus at the time of</u>
  3 <u>the vehicle's sale;</u>
  - (b) Labor and services rendered in respect to installing, repairing, altering, or improving electric vehicle batteries or fuel  $\underline{\text{cells}}$ ; ((and))
  - (c) Tangible personal property that will become a component of battery or fuel cell electric vehicle infrastructure during the course of installing, constructing, repairing, or improving battery or fuel cell electric vehicle infrastructure; and
    - (d) Zero emissions buses.

- (2) The definitions in this subsection apply throughout this section unless the context clearly requires otherwise.
- (a) "Battery charging station" means an electrical component assembly or cluster of component assemblies designed specifically to charge batteries within electric vehicles, which meet or exceed any standards, codes, and regulations set forth by chapter 19.28 RCW and consistent with rules adopted under RCW 19.27.540.
- (b) "Battery exchange station" means a fully automated facility that will enable an electric vehicle with a swappable battery to enter a drive lane and exchange the depleted battery with a fully charged battery through a fully automated process, which meets or exceeds any standards, codes, and regulations set forth by chapter 19.28 RCW and consistent with rules adopted under RCW 19.27.540.
- (c) "Electric vehicle infrastructure" means structures, machinery, and equipment necessary and integral to support ((an)) a battery or fuel cell electric vehicle, including battery charging stations, rapid charging stations, ((and)) battery exchange stations, fueling stations that provide hydrogen for fuel cell electric vehicles, and renewable hydrogen production facilities.
- (d) "Rapid charging station" means an industrial grade electrical outlet that allows for faster recharging of electric vehicle batteries through higher power levels, which meets or exceeds any standards, codes, and regulations set forth by chapter 19.28 RCW and consistent with rules adopted under RCW 19.27.540.
- (e) "Renewable hydrogen" means hydrogen produced using renewable resources both as the source for hydrogen and the source for the energy input into the production process.
- (f) "Renewable resource" means (i) water; (ii) wind; (iii) solar
  energy; (iv) geothermal energy; (v) renewable natural gas; (vi)
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- 1 renewable hydrogen; (vii) wave, ocean, or tidal power; (viii)
- 2 <u>biodiesel</u> fuel that is not derived from crops raised on land cleared
- 3 <u>from old growth or first growth forests; or (ix) biomass energy.</u>
- 4 (g) "Zero emissions bus" means a bus that emits no exhaust gas
  5 from the onboard source of power, other than water vapor.
  - (3) This section expires  $((\frac{January}{}))$  August 1,  $((\frac{2020}{}))$  2029.
- **Sec. 14.** RCW 82.16.0496 and 2017 c 116 s 2 are each amended to 8 read as follows:
  - (1) (a) (i) A person who is taxable under this chapter is allowed a credit against the tax imposed in this chapter according to the gross vehicle weight rating of the vehicle and the incremental cost of the vehicle purchased above the purchase price of a comparable conventionally fueled vehicle. The credit is limited, as set forth in the table below, to the lesser of the incremental cost amount or the maximum credit amount per vehicle purchased, and subject to a maximum annual credit amount per vehicle class.

Gross Vehicle Weight	Incremental Cost Amount	Maximum Credit Amount	Maximum Annual Credit
		Per Vehicle	Per Vehicle Class
Up to 14,000 pounds	(( <del>50%</del> )) <u>75%</u> of incremental	\$25,000	\$2,000,000
	cost		
14,001 to 26,500 pounds	(( <del>50%</del> )) <u>75%</u> of incremental	\$50,000	\$2,000,000
	cost		
Above 26,500 pounds	(( <del>50%</del> )) <u>75%</u> of incremental	\$100,000	\$2,000,000
	cost		

- (ii) A person who is taxable under this chapter is allowed a credit against the tax imposed in this chapter for up to fifty percent of the cost to purchase alternative fuel vehicle infrastructure, tangible personal property that will become a component of alternative fuel vehicle infrastructure, and installation and construction of alternative fuel vehicle infrastructure, but excluding the cost of property acquisition and site improvement related to the installation of alternative fuel vehicle infrastructure. The credit is subject to a maximum annual credit amount of two million dollars.
- (b) On September 1st of each year, any unused credits from any ((weight class)) category identified in ((the table in)) (a) of this subsection must be made available to applicants applying for credits

under any other ((weight class listed)) category identified in (a) of this subsection, subject to the maximum annual and total credit amounts identified in this subsection. The credit established in this section and RCW 82.04.4496 is subject to a maximum annual credit amount of six million dollars, and a maximum total credit amount of thirty-two and one-half million dollars beginning July 15, 2015.

- (c) The credit provided in  $\underline{(a)(i)}$  of this subsection  $((\frac{(1)}{(1)}))$  is available for the lease of a vehicle. The credit amount for a leased vehicle is equal to the credit in  $\underline{(a)(i)}$  of this subsection  $((\frac{(1)}{(1)}))$  multiplied by the lease reduction factor. The person claiming the credit for a leased vehicle must be the lessee as identified in the lease contract.
- (2) A person who is taxable under this chapter is allowed, subject to the maximum annual credit per ((vehicle class)) category in subsection (1)(a) of this section, a credit against the tax imposed in this chapter for the lesser of twenty-five thousand dollars or ((thirty)) fifty percent of the costs of converting a commercial vehicle to be principally powered by a clean alternative fuel with a United States environmental protection agency certified conversion.
- (3) The total credits under <u>subsection</u> (1) (a) (i) of this section may not exceed <u>the lesser of</u> two hundred fifty thousand dollars or twenty-five vehicles per person per calendar year.
- (4) A person may not receive credit under this section for amounts claimed as credits under chapter 82.04 RCW.
  - (5) Credits are available on a first-in-time basis.
- (a) The department must disallow any credits, or portion thereof, that would cause the total amount of credits claimed under this section, and RCW 82.04.4496, during any calendar year to exceed six million dollars. The department must provide notification on its web site monthly on the amount of credits that have been applied for, the amount issued, and the amount remaining before the statewide annual limit is reached. In addition, the department must provide written notice to any person who has applied to claim tax credits in excess of the limitation in this subsection.
- 36 (b) The department must disallow any credits, or portion thereof,
  37 that would cause the total amount of credits claimed beginning July
  38 15, 2015, under this section and RCW 82.04.4496 to exceed thirty-two
  39 and one-half million dollars. The department must provide
  40 notification on its web site monthly on the total amount of credits
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- that have been applied for, the amount issued, and the amount remaining before the statewide limit is reached. In addition, the department must provide written notice to any person who has applied to claim tax credits in excess of the limitation in this subsection.
  - (6) For the purposes of the limits provided in this section, a credit must be counted against such limits for the calendar year in which the credit is earned.
  - (7) To claim a credit under this section a person must electronically file with the department all returns, forms, and any other information required by the department, in an electronic format as provided or approved by the department. No refunds may be granted for credits under this section.
- 13 (8) To claim a credit under this section, the person applying 14 must:
  - (a) Complete an application for the credit which must include:
- 16 (i) The name, business address, and tax identification number of the applicant;
  - (ii) A quote or unexecuted copy of the purchase requisition or order for the vehicle, infrastructure, infrastructure components, infrastructure construction, or infrastructure installation;
- 21 (iii) The type of alternative fuel to be used by the vehicle or 22 <u>supported by the infrastructure;</u>
- 23 (iv) The incremental cost of the alternative fuel system <u>for</u> 24 <u>vehicle credits</u>;
  - (v) The anticipated delivery date of the vehicle, the anticipated delivery date of the infrastructure or infrastructure components, the anticipated construction completion date of the infrastructure, or the anticipated installation completion date of the infrastructure;
  - (vi) The estimated annual fuel use of the vehicle in the anticipated duties or the estimated annual fuel to be supplied by the infrastructure;
    - (vii) The gross weight of each vehicle for vehicle credits;
  - (viii) For leased vehicles, a copy of the lease contract that includes the gross capitalized cost, residual value, and name of the lessee; and
- 36 (ix) Any other information deemed necessary by the department to support administration or reporting of the program.
- 38 (b) Within fifteen days of notice of credit availability from the 39 department, provide notice of intent to claim the credit including:

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- 1 (i) A copy of the order for the vehicle <u>or infrastructure-related</u>
  2 <u>item</u>, including the total cost for the vehicle <u>or infrastructure-</u>
  3 related item;
  - (ii) The anticipated delivery date of the vehicle <u>or</u> <u>infrastructure or infrastructure component</u>, which must be within one year of acceptance of the credit; ((and))
  - (iii) The anticipated construction or installation completion date of the infrastructure, which must be within two years of acceptance of the credit; and
- 10 <u>(iv)</u> Any other information deemed necessary by the department to support administration or reporting of the program.
  - (c) Provide final documentation within ((fifteen)) thirty days of receipt of the vehicle or infrastructure or infrastructure components or of completion of construction or installation of the infrastructure, including:
- 16 (i) A copy of the final invoice for the vehicle or infrastructure-related items;
  - (ii) A copy of the factory build sheet or equivalent documentation;
    - (iii) The vehicle identification number of each vehicle;
- 21 (iv) The incremental cost of the alternative fuel system <u>for</u> 22 <u>vehicle credits</u>;
  - (v) Attestations signed by both the seller and purchaser of the vehicle attesting that the incremental cost of the alternative fuel system includes only the costs necessary for the vehicle to run on alternative fuel and no other vehicle options, equipment, or costs; and
  - (vi) Any other information deemed necessary by the department to support administration or reporting of the program.
  - (9) A person applying for credit under subsection (8) of this section may apply for multiple vehicles on the same application, but the application must include the required information for each vehicle included in the application. A separate application is required for infrastructure-related items, but all infrastructure-related items at a single location may be included in a single application provided the required information for each infrastructure-related item is included in the application.
- 38 (10) To administer the credits, the department must, at a 39 minimum:

(a) Provide notification on its web site monthly of the amount of credits that have been applied for, claimed, and the amount remaining before the statewide annual limit ((is)) and total limit are reached;

- (b) Within fifteen days of receipt of the application, notify persons applying of the availability of tax credits in the year in which the vehicles <u>or infrastructure</u> applied for are anticipated to be delivered, constructed, or installed;
- (c) Within fifteen days of receipt of the notice of intent to claim the tax credit, notify the applicant of the approval, denial, or missing information in their notice; and
- (d) Within fifteen days of receipt of final documentation, review the documentation and notify the person applying of the acceptance of their final documentation.
- (11) If a person fails to supply the information as required in subsection (8) of this section, the department must deny the application.
- 17 (12)(a) Taxpayers are only eligible for a credit under this section based on:
  - (i) Sales or leases of new commercial vehicles and qualifying used commercial vehicles with propulsion units that are principally powered by a clean alternative fuel;  $((\Theta r))$
  - (ii) Costs to modify a commercial vehicle, including sales of tangible personal property incorporated into the vehicle and labor or service expenses incurred in modifying the vehicle, to be principally powered by a clean alternative fuel; or
  - (iii) Sales of alternative fuel vehicle infrastructure or infrastructure components, or the cost of construction or installation of alternative fuel vehicle infrastructure.
  - (b) A credit is earned when the purchaser or the lessee takes receipt of the qualifying commercial vehicle or <u>infrastructure-related item</u>, the <u>vehicle</u> conversion is complete, or the construction or installation of the infrastructure is complete.
    - (13) The definitions in RCW 82.04.4496 apply to this section.
  - (14) A credit earned during one calendar year may be carried over to be credited against taxes incurred in the subsequent calendar year, but may not be carried over a second year.
- 37 (15)(a) Beginning November 25, 2015, and on the 25th of February,
  38 May, August, and November of each year thereafter, the department
  39 must notify the state treasurer of the amount of credits taken under
  40 this section as reported on returns filed with the department during
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- the preceding calendar quarter ending on the last day of December,
  March, June, and September, respectively.
  - (b) On the last day of March, June, September, and December of each year, the state treasurer, based upon information provided by the department, must transfer a sum equal to the dollar amount of the credit provided under this section from the multimodal transportation account to the general fund.
  - (16) Credits may be earned under this section from January 1, 2016, ((through January 1, 2021)) until the maximum total credit amount in subsection (1)(b) of this section is reached, except for credits for leased vehicles, which may be earned from July 1, 2016, ((through January 1, 2021)) until the maximum total credit amount in subsection (1)(b) of this section is reached.
- 14 ((<del>(17)</del> Credits earned under this section may not be used after 15 January 1, 2022.
- 16 (18) This section expires January 1, 2022.))
- 17 **Sec. 15.** RCW 82.29A.125 and 2009 c 459 s 3 are each amended to 18 read as follows:
  - (1) Leasehold excise tax may not be imposed on leases to tenants of public lands for purposes of installing, maintaining, and operating electric vehicle infrastructure.
- 22 (2) The definitions in this subsection apply throughout this 23 section unless the context clearly requires otherwise.
  - (a) "Battery charging station" means an electrical component assembly or cluster of component assemblies designed specifically to charge batteries within electric vehicles, which meet or exceed any standards, codes, and regulations set forth by chapter 19.28 RCW and consistent with rules adopted under RCW 19.27.540.
  - (b) "Battery exchange station" means a fully automated facility that will enable an electric vehicle with a swappable battery to enter a drive lane and exchange the depleted battery with a fully charged battery through a fully automated process, which meets or exceeds any standards, codes, and regulations set forth by chapter 19.28 RCW and consistent with rules adopted under RCW 19.27.540.
- 35 (c) "Electric vehicle infrastructure" means structures, 36 machinery, and equipment necessary and integral to support an 37 electric vehicle, including battery charging stations, rapid charging 38 stations, ((and)) battery exchange stations, fueling stations that

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- provide hydrogen for fuel cell electric vehicles, and renewable
  hydrogen production facilities.
  - (d) "Rapid charging station" means an industrial grade electrical outlet that allows for faster recharging of electric vehicle batteries through higher power levels, which meets or exceeds any standards, codes, and regulations set forth by chapter 19.28 RCW and consistent with rules adopted under RCW 19.27.540.
- 8 <u>(e) "Renewable hydrogen" means hydrogen produced using renewable</u>
  9 <u>resources both as the source for hydrogen and the source for energy</u>
  10 input into the production process.
- (f) "Renewable resource" means (i) water; (ii) wind; (iii) solar energy; (iv) geothermal energy; (v) renewable natural gas; (vi) renewable hydrogen; (vii) wave, ocean, or tidal power; (viii) biodiesel fuel that is not derived from crops raised on land cleared from old growth or first growth forests; or (ix) biomass energy.
- 16 (3) This section expires  $((\frac{January}{}))$  August 1,  $((\frac{2020}{}))$  2029.
- 17 **Sec. 16.** RCW 82.44.200 and 2015 3rd sp.s. c 44 s 404 are each amended to read as follows:
- The electric vehicle ((charging infrastructure)) account is created in the transportation infrastructure account. Proceeds from the principal and interest payments made on loans from the account must be deposited into the account. Expenditures from the account may be used only for the purposes specified in RCW 47.04.350 and sections 10 and 11 of this act. Moneys in the account may be spent only after appropriation.
- NEW SECTION. Sec. 17. A new section is added to chapter 47.04 RCW to read as follows:
- (1) Subject to the availability of amounts appropriated for this 28 29 specific purpose, the department's public-private partnership office 30 must develop a pilot program to support clean alternative fuel car sharing programs to provide clean alternative fuel vehicle use 31 opportunities to underserved communities and low to moderate income 32 members of the workforce not readily served by transit or located in 33 34 transportation corridors with emissions that exceed federal or state emissions standards. Nonprofit organizations or local governments, 35 36 including housing authorities, with a demonstrated history of 37 managing or implementing low-income transportation clean alternative

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- fuel and shared mobility pilot programs are eligible to participate in this program.
  - (2) The department must determine specific eligibility criteria, based on the requirements of this section, the report submitted to the legislature by the Puget Sound clean air agency entitled facilitating low-income utilization of electric vehicles, and other factors relevant to increasing clean alternative fuel vehicle use in underserved and low to moderate income communities. The department may adopt rules specifying the eligibility criteria it selects.
  - (3) The department may conduct preliminary workshops with potential bidders and other potential partners to determine the best method of designing the pilot program.
    - (4) The department must include the following elements in its proposal evaluation and scoring methodology: History of successful management of equity focused clean alternative fuel vehicle projects; substantial level of involvement from community-based, equity focused organizations in the project; plan for long-term financial sustainability of the work beyond the duration of the grant period; matching resources leveraged for the project; and geographical diversity of the projects selected.
    - (5) After selecting successful proposals under this section, the department may provide grant funding to them. The total grant amount available per project may range from fifty thousand to two hundred thousand dollars. The grant opportunity must include possible funding of vehicles, charging or refueling station infrastructure, staff time, and any other expenses required to implement the project. No more than ten percent of grant funds may be used for administrative expenses.
    - (6)(a) Any property acquired with state grant funding under this section by nongovernmental participants must be used solely for program purposes and, if sold, the proceeds of the sale must be used solely for program purposes.
  - (b) At the termination of a program for providing alternative fuel car sharing services, the state must be reimbursed for any property acquired with state grant funding under this section that nongovernmental participants in the program retain at the time of program termination. The amount of reimbursement may under no circumstances be less than the fair market value of the property at the time of the termination of the program.

- 1 NEW SECTION. Sec. 18. (1) Subject to the availability of amounts appropriated for this specific purpose, the department of 2 commerce must conduct a study to identify opportunities to reduce 3 barriers to battery and fuel cell electric vehicle adoption by lower 4 income residents of the state through the use of vehicle and 5 infrastructure financing assistance. The study must include 6 assessment of opportunities to work with nonprofit lenders 7 facilitate vehicle purchases through the use of loan-loss reserves 8 and rate buy downs by qualified borrowers purchasing battery and fuel 9 cell electric vehicles that are eligible for the tax exemptions under 10 sections 10 and 11 of this act, and may address additional financing 11 12 assistance opportunities identified. The study must focus potential borrowers who are at or below eighty percent of the state 13 median household income. The study may also address any additional 14 opportunities identified to increase electric vehicle adoption by 15 16 lower income residents of the state.
- 17 (2) The department of commerce must provide a report detailing 18 the findings of this study to the transportation committees of the 19 legislature by June 30, 2020, and may contract with a consultant on 20 all or a portion of the study.
- NEW SECTION. Sec. 19. A new section is added to chapter 47.66 22 RCW to read as follows:
  - (1) (a) Subject to the availability of amounts appropriated for this specific purpose, the department's public transportation division shall establish a green transportation capital grant program. The purpose of the grant program is to aid any transit authority in funding cost-effective capital projects to reduce the carbon intensity of the Washington transportation system, examples of which include: Electrification of vehicle fleets, including battery and fuel cell electric vehicles; modification or replacement of capital facilities in order to facilitate fleet electrification and/or hydrogen refueling; necessary upgrades to electrical transmission and distribution systems; and construction of charging and fueling stations. The department's public transportation division shall identify projects and shall submit a prioritized list of all projects requesting funding to the legislature by December 1st of each even-numbered year.

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1 (b) The department's public transportation division shall select 2 projects based on a competitive process that considers the following 3 criteria:

- (i) The cost-effectiveness of the reductions in carbon emissions provided by the project; and
- (ii) The benefit provided to transitioning the entire state to a transportation system with lower carbon intensity.
- (2) The department's public transportation division must establish an advisory committee to assist in identifying projects under subsection (1) of this section. The advisory committee must include representatives from the department of ecology, the department of commerce, the utilities and transportation commission, and at least one transit authority.
- (3) In order to receive green transportation capital grant program funding for a project, a transit authority must provide matching funding for that project that is at least equal to twenty percent of the total cost of the project.
- (4) The department's public transportation division must report annually to the transportation committees of the legislature on the status of any grant projects funded by the program created under this section.
- (5) For purposes of this section, "transit authority" means a city transit system under RCW 35.58.2721 or chapter 35.95A RCW, a county public transportation authority under chapter 36.57 RCW, a metropolitan municipal corporation transit system under chapter 36.56 RCW, a public transportation benefit area under chapter 36.57A RCW, an unincorporated transportation benefit area under RCW 36.57.100, a regional transit authority under chapter 81.112 RCW, or any special purpose district formed to operate a public transportation system.
- **Sec. 20.** RCW 43.84.092 and 2018 c 287 s 7, 2018 c 275 s 10, and 31 2018 c 203 s 14 are each reenacted and amended to read as follows:
  - (1) All earnings of investments of surplus balances in the state treasury shall be deposited to the treasury income account, which account is hereby established in the state treasury.
  - (2) The treasury income account shall be utilized to pay or receive funds associated with federal programs as required by the federal cash management improvement act of 1990. The treasury income account is subject in all respects to chapter 43.88 RCW, but no appropriation is required for refunds or allocations of interest Code Rev/JA:amh

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- 1 earnings required by the cash management improvement act. Refunds of interest to the federal treasury required under the cash management 2 improvement act fall under RCW 43.88.180 and shall not require 3 appropriation. The office of financial management shall determine the 4 amounts due to or from the federal government pursuant to the cash 5 6 management improvement act. The office of financial management may direct transfers of funds between accounts as deemed necessary to 7 implement the provisions of the cash management improvement act, and 8 this subsection. Refunds or allocations shall occur prior to the 9 10 distributions of earnings set forth in subsection (4) of this 11 section.
  - (3) Except for the provisions of RCW 43.84.160, the treasury income account may be utilized for the payment of purchased banking services on behalf of treasury funds including, but not limited to, depository, safekeeping, and disbursement functions for the state treasury and affected state agencies. The treasury income account is subject in all respects to chapter 43.88 RCW, but no appropriation is required for payments to financial institutions. Payments shall occur prior to distribution of earnings set forth in subsection (4) of this section.
  - (4) Monthly, the state treasurer shall distribute the earnings credited to the treasury income account. The state treasurer shall credit the general fund with all the earnings credited to the treasury income account except:
  - The following accounts and funds shall receive their proportionate share of earnings based upon each account's and fund's average daily balance for the period: The abandoned recreational vehicle disposal account, the aeronautics account, the aircraft search and rescue account, the Alaskan Way viaduct replacement project account, the brownfield redevelopment trust fund account, the budget stabilization account, the capital vessel replacement account, the capitol building construction account, the Cedar River channel construction and operation account, the Central Washington University capital projects account, the charitable, educational, penal and reformatory institutions account, the Chehalis basin account, the cleanup settlement account, the Columbia river basin water supply development account, the Columbia river basin taxable bond water supply development account, the Columbia river basin water supply revenue recovery account, the common school construction fund, the community forest trust account, the connecting Washington account,

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the county arterial preservation account, the county criminal justice 1 assistance account, the deferred compensation administrative account, 2 3 the deferred compensation principal account, the department of licensing services account, the department of licensing tuition 4 recovery trust fund, the department of retirement systems expense 5 6 account, the developmental disabilities community trust account, the 7 diesel idle reduction account, the drinking water assistance account, the drinking water assistance administrative account, the early 8 learning facilities development account, the 9 early facilities revolving account, the Eastern Washington University 10 11 capital projects account, the Interstate 405 express toll lanes 12 operations account, the education construction fund, the education legacy trust account, the election account, the electric vehicle 13 ((charging infrastructure)) account, the energy freedom account, the 14 energy recovery act account, the essential rail assistance account, 15 16 The Evergreen State College capital projects account, the federal 17 forest revolving account, the ferry bond retirement fund, the freight mobility investment account, the freight mobility multimodal account, 18 19 the grade crossing protective fund, the public health services account, the high capacity transportation account, the state higher 20 21 education construction account, the higher education construction account, the highway bond retirement fund, the highway infrastructure 22 account, the highway safety fund, the high occupancy toll lanes 23 operations account, the hospital safety net assessment fund, the 24 25 industrial insurance premium refund account, the judges' retirement 26 account, the judicial retirement administrative account, the judicial retirement principal account, the local leasehold excise tax account, 27 28 the local real estate excise tax account, the local sales and use tax 29 account, the marine resources stewardship trust account, the medical aid account, the mobile home park relocation fund, the money-purchase 30 31 retirement savings administrative account, the money-purchase 32 retirement savings principal account, the motor vehicle fund, the motorcycle safety education account, the multimodal transportation 33 account, the multiuse roadway safety account, the municipal criminal 34 justice assistance account, the natural resources deposit account, 35 36 the oyster reserve land account, the pension funding stabilization account, the perpetual surveillance and maintenance account, the 37 pollution liability insurance agency underground storage tank 38 revolving account, the public employees' retirement system plan 1 39 account, the public employees' retirement system combined plan 2 and 40

plan 3 account, the public facilities construction loan revolving 1 account beginning July 1, 2004, the public health supplemental 2 3 account, the public works assistance account, the Puget Sound capital construction account, the Puget Sound ferry operations account, the 4 Puget Sound taxpayer accountability account, the real estate 5 6 appraiser commission account, the recreational vehicle account, the 7 regional mobility grant program account, the resource management cost account, the rural arterial trust account, the rural mobility grant 8 program account, the rural Washington loan fund, the sexual assault 9 prevention and response account, the site closure account, the 10 skilled nursing facility safety net trust fund, the small city 11 12 pavement and sidewalk account, the special category C account, the special wildlife account, the state employees' insurance account, the 13 14 state employees' insurance reserve account, the state investment board expense account, the state investment board commingled trust 15 16 fund accounts, the state patrol highway account, the state route 17 number 520 civil penalties account, the state route number 520 corridor account, the state wildlife account, the statewide tourism 18 19 marketing account, the student achievement council tuition recovery trust fund, the supplemental pension account, the Tacoma Narrows toll 20 21 bridge account, the teachers' retirement system plan 1 account, the 22 teachers' retirement system combined plan 2 and plan 3 account, the 23 tobacco prevention and control account, the tobacco settlement account, the toll facility bond retirement account, 24 25 transportation 2003 account (nickel account), the transportation 26 equipment fund, the transportation future funding program account, transportation improvement account, the transportation 27 28 improvement board bond retirement account, the transportation 29 infrastructure account, the transportation partnership account, the traumatic brain injury account, the tuition recovery trust fund, the 30 31 University of Washington bond retirement fund, the University of Washington building account, the volunteer firefighters' and reserve 32 officers' relief and pension principal fund, the volunteer 33 firefighters' and reserve officers' administrative fund, the 34 Washington judicial retirement system account, the Washington law 35 enforcement officers' and firefighters' system plan 1 retirement 36 account, the Washington law enforcement officers' and firefighters' 37 system plan 2 retirement account, the Washington public safety 38 39 employees' plan 2 retirement account, the Washington school 40 employees' retirement system combined plan 2 and 3 account, the 36

- 1 Washington state health insurance pool account, the Washington state patrol retirement account, the Washington State University building 2 account, the Washington State University bond retirement fund, the 3 water pollution control revolving administration account, the water 4 pollution control revolving fund, the Western Washington University 5 6 capital projects account, the Yakima integrated plan implementation 7 account, the Yakima integrated plan implementation revenue recovery account, and the Yakima integrated plan implementation taxable bond 8 account. Earnings derived from investing balances of the agricultural 9 permanent fund, the normal school permanent fund, the permanent 10 11 common school fund, the scientific permanent fund, the 12 university permanent fund, and the state reclamation revolving account shall be allocated to their respective beneficiary accounts. 13
  - (b) Any state agency that has independent authority over accounts or funds not statutorily required to be held in the state treasury that deposits funds into a fund or account in the state treasury pursuant to an agreement with the office of the state treasurer shall receive its proportionate share of earnings based upon each account's or fund's average daily balance for the period.

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- 20 (5) In conformance with Article II, section 37 of the state 21 Constitution, no treasury accounts or funds shall be allocated 22 earnings without the specific affirmative directive of this section.
- NEW SECTION. Sec. 21. This section is the tax preference performance statement for the tax preferences contained in sections 22 and 23, chapter . . ., Laws of 2019 (sections 22 and 23 of this act). The performance statement is only intended to be used for subsequent evaluation of the tax preference. It is not intended to create a private right of action by any party or be used to determine eligibility for preferential tax treatment.
  - (1) The legislature categorizes the tax preferences as ones intended to induce certain designated behavior by taxpayers, as indicated in RCW 82.32.808(2)(a).
    - (2) It is the legislature's specific public policy objective to increase the use of electric vessels in Washington. It is the legislature's intent to establish a sales and use tax exemption on certain electric vessels in order to reduce the price charged to customers for electric vessels.
- 38 (3) To measure the effectiveness of the tax preferences in sections 22 and 23, chapter . . ., Laws of 2019 (sections 22 and 23 Code Rev/JA:amh 37 H-3001.2/19 2nd draft

- of this act) in achieving the public policy objectives described in subsection (2) of this section, the joint legislative audit and review committee must evaluate the number of electric vessels titled in the state.
- 5 (4) In order to obtain the data necessary to perform the review 6 in subsection (3) of this section, the department of licensing and 7 the department of revenue must provide data needed for the joint 8 legislative audit and review committee analysis. In addition to the 9 data source described under this subsection, the joint legislative 10 audit and review committee may use any other data it deems necessary.
- NEW SECTION. Sec. 22. A new section is added to chapter 82.08 RCW to read as follows:
  - (1) The tax imposed by RCW 82.08.020 does not apply to:
- 14 (a) The sale of new battery-powered electric marine propulsion 15 systems with continuous power greater than fifteen kilowatts.
- 16 (b) The sale of new vessels equipped with propulsion systems that 17 qualify under (a) of this subsection.
  - (2) Sellers may make tax exempt sales under this section only if the buyer provides the seller with an exemption certificate in a form and manner prescribed by the department. The seller must retain a copy of the certificate for the seller's files.
    - (3) For the purposes of this section:
  - (a) A "battery-powered electric marine propulsion system" is a fully electric outboard or inboard motor used by vessels, the sole source of propulsive power of which is the energy stored in the battery packs. It includes required accessories, such as throttles/displays and battery packs.
- 28 (b) "Vessel" includes every watercraft, other than a seaplane, 29 used or capable of being used as a means of transportation on the 30 water.
- 31 (4) This section expires August 1, 2029.
- 32 <u>NEW SECTION.</u> **Sec. 23.** A new section is added to chapter 82.12 33 RCW to read as follows:
- 34 (1) The tax imposed by RCW 82.12.020 does not apply to the use 35 of:
- 36 (a) New battery-powered electric marine propulsion systems with 37 continuous power greater than fifteen kilowatts; and

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- 1 (b) New vessels equipped with propulsion systems that qualify 2 under (a) of this subsection.
  - (2) Sellers may make tax exempt sales under this section only if the buyer provides the seller with an exemption certificate in a form and manner prescribed by the department. The seller must retain a copy of the certificate for the seller's files.
- 7 (3) For the purposes of this section, "battery-powered electric 8 marine propulsion system" and "vessel" have the same meanings as in 9 section 23 of this act.
- 10 (4) This section expires August 1, 2029.
- NEW SECTION. Sec. 24. Sections 1 through 8, 10 through 13, and 12 15 through 23 of this act take effect August 1, 2019.
- NEW SECTION. Sec. 25. Sections 9 and 14 of this act take effect January 1, 2020."
- 15 Correct the title.

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<u>EFFECT:</u> Makes the following changes to programs related to green transportation adoption:

- (1) Modifies the qualification criteria for the alternative fuel vehicle retail sales and use tax exemption for used vehicles by reducing the maximum used vehicle sales price or fair market value for eligibility for the exemption from \$45,000 to \$30,000;
- (2) Clarifies that local governments and other state political subdivisions are eligible to participate in the technical assistance and education program on alternative fuel vehicles for public agencies;
- (3) Expands eligibility for participation in the alternative fuel car sharing pilot grant program to support car sharing for underserved communities and lower income workforce members from nonprofit organizations to nonprofit organizations or local governments, including housing authorities; and
- (4) Modifies the deadline for the Department of Commerce study on reducing barriers to battery and hydrogen fuel cell electric vehicle adoption by lower income residents of the state through the use of financing assistance from December 1, 2019, to June 30, 2020.

--- END ---