### SENATE BILL 5509

State of Washington 65th Legislature 2017 Regular Session

By Senators Carlyle, Ranker, Frockt, Hunt, and Saldaña

Read first time 01/26/17. Referred to Committee on Energy, Environment & Telecommunications.

AN ACT Relating to promoting an equitable clean energy economy by creating a carbon tax that allows investment in clean energy, clean air, healthy forests, and Washington's communities; amending RCW 70.235.020; adding a new chapter to Title 70 RCW; adding a new chapter to Title 82 RCW; and creating new sections.

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

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## PART I Disposition of Carbon Tax Revenues

9 NEW SECTION. Sec. 101. INTENT. (1)(a) The legislature finds 10 that Washington state is poised to be a leader in cutting greenhouse gas emissions and transitioning to a clean energy economy. Our 11 12 emissions, while only a fraction of those produced globally, also add 13 to the impacts of climate change, which is already causing harm to our state: Weather that brings more frequent drought and more severe 14 15 storms, and environmental effects that range from ocean acidification in Puget Sound to a lack of snow pack in the mountains to support 16 hydropower, agriculture, and winter recreation. These impacts are not 17 felt proportionally by all, and often hit rural communities hardest. 18

19 (b) To address the challenges posed by climate change, and to 20 seize the opportunities offered by the transition to a clean energy

1 economy, the health, environment, and economic well-being of Washington will benefit most from enacting a carbon policy that makes 2 3 strategic investments in clean energy, clean water, forest health, and clean air projects. These investments will tap into the 4 entrepreneurial spirit of Washington businesses and will maintain and 5 6 create thousands of family-wage and community-sustaining jobs in 7 Washington state while reducing greenhouse gas emissions. The investments made by this act in clean energy are intended to attract 8 more total investment to catalyze faster reductions in greenhouse gas 9 10 emissions than would otherwise be expected without state investments.

11 (c) The legislature finds that assigning a cost to the emissions 12 of greenhouse gases to partially defray the taxpayer cost of these 13 impacts is appropriate in light of the social, environmental, and 14 economic harms from those emissions. This is a necessary step to help 15 level the playing field to allow clean energy, which lacks these 16 negative externalities, to fairly compete in the marketplace, and to 17 incentivize and expedite the transition to clean energy sources.

(2) Therefore, it is the intent of the legislature to fund 18 investments in clean energy, clean water, and healthy forests by 19 enacting a carbon pollution mitigation tax on fossil fuel emissions 20 21 of greenhouse gases that contribute to global climate change. This 22 tax is intended to discourage emissions of greenhouse gases and to encourage the utilization of energy sources that pose 23 fewer environmental and public health costs while benefiting the economies 24 25 of local communities. This act is intended to avoid increasing the 26 regressive burdens of energy costs on low-income individuals or households living at or near the federal poverty line. This act is 27 also intended to help Washington do its part to forestall and 28 minimize the worst-case scenario of impacts that are anticipated to 29 result from greenhouse gas pollution of the atmosphere and the global 30 climate change caused by that pollution. Finally, 31 in order to 32 facilitate a truly just transition to a clean energy economy, it is the intent of the legislature, while ensuring that all Washington 33 residents can access and afford clean energy and that all our 34 communities are able to prosper during the transition to a clean 35 energy economy, to use revenue from the tax to: 36

37 (a) Assist low-income individuals and disproportionately impacted38 communities in this transition;

(b) Provide meaningful support to workers and communities thatmay be impacted by this act; and

(c) Improve community health through contributing to clean air,
 clean water, and thriving forests.

3 <u>NEW SECTION.</u> Sec. 102. DEFINITIONS. The definitions in this 4 section apply throughout this chapter unless the context clearly 5 requires otherwise.

6 (1) "Board" means the carbon program oversight board established 7 in section 107 of this act.

8 (2) "Carbon calculation" means a calculation made by the 9 department of ecology for purposes of calculating the carbon 10 pollution mitigation tax for fossil fuels in section 202 of this act.

(3) "Carbon content" means the carbon dioxide equivalent that is released through the combustion or oxidation of a fossil fuel or that is associated with the combustion or oxidation of a fossil fuel used to generate imported electricity.

15 (4) "Carbon dioxide equivalent" has the same meaning as provided 16 in RCW 70.235.010.

(5) "Clean energy" means technologies, services, or processes 17 that broadly reduce energy consumption or enable the transition to a 18 low-carbon energy economy, or both. Clean energy includes, but is not 19 limited to, technologies, services, or processes that increase the 20 supply of renewable energy, improve the efficiency of energy 21 utilization, improve the processes and systems that use energy, 22 23 deploy renewable energy infrastructure, or more effectively enable 24 energy solutions with fewer associated greenhouse gas emissions to 25 permeate the marketplace, including planning and creating structures 26 that facilitate energy demand reduction.

(6) "Dangerous air pollutants" means the following air pollutants that have been determined to have a dangerous impact on human health or the environment, or both, when released from the combustion or oxidation of fossil fuels:

(a) Hazardous air pollutants as defined by Title 42 U.S.C. Sec.
7412(b) of the clean air act;

33 (b) Criteria air pollutants as defined by Title 42 U.S.C. Sec. 34 7409; and

35 (c) Greenhouse gases as defined in RCW 70.235.010 and as 36 identified in rules adopted by the department pursuant to chapters 37 70.235 and 70.94 RCW.

38 (7) "Direct service industrial customer" has the same meaning as 39 provided in RCW 82.16.0495.

(8) "Disproportionately impacted communities" means communities
 identified by the department of health pursuant to section 112 of
 this act.

4 (9) "Energy-intensive and trade-exposed facility" or "EITE
5 facility" means a facility identified by the department of commerce
6 under section 110 of this act.

7 (10) "Fossil fuel" means petroleum products that are intended for 8 combustion, natural gas, crude oil, petroleum, coal or coke of any 9 kind, or any form of solid, liquid, or gaseous fuel derived from 10 these products including but not limited to motor vehicle fuel, 11 special fuel, aircraft fuel, marine fuel, still gas, propane, and 12 petroleum residuals such as bunker fuel.

(11) "Imported electricity" means electricity generated outsideof the state of Washington and delivered for use within the state.

15 (12) "Inflation" is the inflation rate determined by the consumer 16 price index for Washington state compiled by the United States 17 department of labor, bureau of labor statistics.

18 (13) "Light and power business" has the same meaning as provided 19 in RCW 82.16.010.

20 (14) "Motor vehicle fuel" has the same meaning as provided in RCW21 82.38.020.

(15) "Natural gas" means naturally occurring mixtures of
 hydrocarbon gases and vapors consisting principally of methane,
 whether in gaseous or liquid form, including methane clathrate.

25 (16) "Person" has the same meaning as provided in RCW 82.04.030.

(17) "Petroleum product" has the same meaning as provided in RCW82.23A.010.

(18) "Special fuel" has the same meaning as provided in RCW
82.38.020 and includes fuel that is sold or used to propel vessels.

30 (19) "Supplier" means a person that produces, refines, imports, 31 or delivers fossil fuels, or any combination of producing, refining, 32 importing, or delivering fossil fuels in or into the state for use or 33 processing within the state.

34 (20) "Year" means the twelve months commencing January 1st and35 ending December 31st unless otherwise specified.

36 <u>NEW SECTION.</u> Sec. 103. CLEAN AIR INVESTMENT PROGRAMS—CLEAN 37 ENERGY ACCOUNT CREATION. (1) The clean energy account is created in 38 the state treasury. After the distribution of money to the equitable 39 transition fund created in section 111 of this act and the payment of

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administrative and accountability costs consistent with section 114 of this act, seventy percent of the receipts from the carbon pollution mitigation tax imposed under section 202 of this act must be deposited into the account. Money in the clean energy account must be allocated consistent with sections 104 and 105 of this act. Moneys in the account may only be spent after appropriation.

7 (2) For purposes of administering the carbon reduction investment fund and the sustainable infrastructure fund created as subaccounts 8 within the clean energy account, the department of commerce must 9 adopt procedures that ensure the achievement of quantifiable and 10 11 verifiable emission reductions while minimizing the costs of state 12 administration and other transaction costs associated with project implementation. Expenditures from the funds must be designed to 13 stimulate new dangerous air pollutant reduction projects and must not 14 exceed the minimum levels of funding necessary in order for the 15 16 project to be viable or cost-competitive. Expenditures must also be 17 set at such a level as to prevent recipients from generating greater 18 revenues or profits than are necessary to stimulate the investment. A project may not receive funding from both the carbon reduction 19 investment fund and the sustainable infrastructure fund. Projects 20 that create new or expand existing fossil fuel infrastructure, 21 including but not limited to fossil fuel vehicles, electricity 22 generation from fossil fuels, and indoor heating and cooling and 23 other project types that rely on fossil fuel infrastructure, are not 24 25 eligible for funding under the clean energy account.

26 NEW SECTION. Sec. 104. CLEAN AIR INVESTMENT PROGRAMS-CARBON 27 INVESTMENT FUND CREATED. (1) The carbon REDUCTION reduction investment fund is hereby created as a subaccount of the clean energy 28 account created in section 103 of this act. Thirty-five percent of 29 the money in the clean energy account created in section 103 of this 30 act must be allocated to a carbon reduction investment fund within 31 the account. Money in the carbon reduction investment fund within the 32 account must be used for greenhouse gas emission reduction projects 33 34 in Washington or that reduce emissions directly connected to energy 35 use and other activity in Washington state. The Washington State 36 University extension energy office, in consultation with the board created in section 107 of this act, must administer the carbon 37 38 reduction investment fund and oversee the greenhouse gas emission reduction projects funded from moneys in the fund. 39

1 (2) Expenditures from the fund created in this section must prioritize grants and loans to projects with consideration given to 2 anticipated quantifiable and verifiable amount of 3 the carbon reduction to be achieved by the project per dollar of investment from 4 the fund. Projects that reduce greenhouse gas emissions are eligible 5 б for investment, with preference given to projects that do not rely on 7 nonrenewable resources as a power source. The amount of funding from the carbon reduction investment fund for each particular project must 8 be based on the investment prices established in section 106 of this 9 act, and must be of an amount sufficient to catalyze the 10 implementation of each funded project, but not to exceed such an 11 12 amount.

13 (3) To be eligible for funding under the carbon reduction 14 investment fund program, a project must demonstrate that it will 15 result in a quantifiable and verifiable reduction of emissions of 16 greenhouse gas emissions in the State.

17 (4) The Washington State University extension energy office must adopt procedures for reviewing and prioritizing grant and loan 18 project applications. Projects may include but are not limited to 19 solar and distributed energy production, wind and other renewable 20 21 energy sources, energy storage, energy efficiency, demand response, projects which support conversion to low-carbon transportation fuels 22 23 including electricity or biofuels, and transit and clean Holding 24 transportation-related improvements. other evaluative 25 criteria constant, a preference must be given to project applicants 26 who demonstrate that moneys from the carbon reduction investment fund 27 will be accompanied by a matching investment from another public or private source of funds. 28

(5) A single person or project may not receive more than five percent of the total value of carbon reduction investment fund investments made under this section each biennium. Funds for a project may be disbursed over multiple biennia as deemed appropriate by the Washington State University extension energy office.

34 (6) Carbon reduction investment fund investments each biennium35 must include but are not limited to projects that are designed to:

36 (a) Lower the cost of energy for Washington residents by making 37 strategic investments in the clean energy economy, making clean 38 energy more affordable and competitive, transitioning to zero-39 emission vehicles, and reducing the dependence on volatile and 40 greenhouse gas-emitting energy sources;

1 (b) Increase access to clean energy through greater deployment of 2 clean transportation and renewable energy, including roof-top and 3 community solar, to homeowners, multifamily unit dwellers, small 4 businesses, local governments, school districts, nonprofits, owners 5 and operators of affordable housing, large energy users, and others; 6 and

7 (c) Reduce energy waste and increase energy efficiency, helping
8 to make energy efficiency projects affordable to homeowners,
9 multifamily unit dwellers, local governments, school districts,
10 nonprofits, small business owners, operators of affordable housing,
11 large energy users, and others.

12 Sec. 105. CLEAN AIR INVESTMENT PROGRAMS-NEW SECTION. 13 INFRASTRUCTURE FUND CREATED. (1) SUSTAINABLE The sustainable infrastructure fund is hereby created as a subaccount within the 14 clean energy account created in section 103 of this act. Sixty-five 15 16 percent of the money in the clean energy account must be allocated to the sustainable infrastructure fund. The department of commerce, in 17 consultation with the board established in section 107 of this act, 18 must administer the sustainable infrastructure fund and oversee the 19 20 greenhouse gas emission reduction projects funded from moneys in the 21 fund. Money in the sustainable infrastructure fund must be used for greenhouse gas emission reduction projects in Washington that achieve 22 23 indirect carbon reductions, have long-term or difficult to quantify emission reduction prospects, or that would not be cost-competitive 24 with projects funded under the carbon reduction investment fund where 25 26 the primary performance metric for comparing projects is cost-per-ton 27 of greenhouse gas emissions reduced. Public and private project proponents are eligible to apply to the board to obtain funding from 28 the sustainable infrastructure fund, with preference given to 29 projects that do not rely on nonrenewable resources as a power 30 31 source, except for investments in efficiency improvements at EITE facilities identified in section 110 of this act. Projects eligible 32 for funding from the sustainable infrastructure fund include projects 33 that reduce greenhouse gas emissions through the categories specified 34 in subsection (2), (3), or (4) of this section. 35

36 (2) Thirty-five percent of funds available in the sustainable37 infrastructure fund are reserved for transportation projects that:

(a) Reduce pollution from transportation sources by increasing
 access to electric and advanced-technology vehicles, cleaner fuels,
 and improved transportation infrastructure;

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(b) Reduce pollution from transportation sources by:

5 (i) Aiding fuel switching from motor vehicle and special fuels 6 derived from fossil fuels, including but not limited to the switching 7 of agricultural fuels, onto clean alternative fuels, as defined in 8 RCW 82.08.809(3), that are not derived from fossil fuels;

9 (ii) Converting private and public fleets, including transit 10 fleets, to zero-emission vehicles; and

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(iii) Improving freight mobility systems; or

12 (c) Reduce pollution from transportation sources by strategic planning and development of sustainable infrastructure projects, 13 including charging and fueling projects necessary to support the 14 categories of fleet conversions and vehicles identified in (b)(ii) of 15 16 this subsection. However, to be eligible for infrastructure funding 17 under this subsection (2)(c), an infrastructure project is not required to be associated with a fleet and vehicle conversion 18 consistent with (b)(ii) of this subsection that receives or has 19 received funding from the sustainable infrastructure fund. 20

(3) Fifty percent of funds available in the sustainableinfrastructure fund are reserved for land use projects that:

Support equitable transit-oriented development, including 23 (a) transit-oriented development that is predominately affordable 24 25 housing, transit-oriented development that reduces vehicle miles 26 traveled, and transit-oriented development that reduces transportation costs and logistical burdens for low-income 27 28 individuals and families, and infirm, disabled, or otherwise 29 vulnerable populations;

30 (b) Expand or improve public transportation infrastructure, 31 including but not limited to projects that promote connections 32 between communities that are underserved by public transportation 33 infrastructure, prioritizing improvements and vehicles that rely on 34 alternative fuels not derived from fossil fuels, and supporting 35 nonmotorized mobility; or

36 (c) Support programs and infrastructure that reduce vehicle miles
 37 traveled through commute trip reduction strategies including, but not
 38 limited to, employer-based initiatives.

39 (4) Fifteen percent of funds available in the sustainable40 infrastructure fund are reserved for power sector projects eligible

1 for funding from the sustainable infrastructure fund. Projects must 2 exceed the requirements of chapter 19.285 RCW, where applicable, and:

3 (a) Achieve energy efficiency that exceeds the cost-effective
4 conservation requirements of chapter 19.285 RCW;

5 (b) Facilitate renewable energy integration, such as smart-grid
6 technologies and energy storage;

7 (c) Encourage the deployment of clean distributed energy 8 resources;

9 (d) Increase system resiliency and encourage the development of 10 electricity microgrids with clean energy; or

11 (e) Support other demand side resources that reduce generation or 12 capacity needs.

(5) For purposes of ranking the priority of transportation, land 13 use, and energy project applications for funding from the sustainable 14 infrastructure fund, the board must consider, at minimum, the 15 16 criteria in (a) through (g) of this subsection (5). In addition, the 17 board may develop additional subject-appropriate criteria for ranking the priority of project applications against other projects within 18 the same categories of projects specified in subsection (2), (3), or 19 (4) of this section. Additionally, proposals that include high labor 20 21 standards provisions as defined in section 113(3) of this act must be 22 prioritized.

(a) The total volume of emissions of carbon dioxide equivalent
 avoided as a result of the project, measured over the anticipated
 lifetime of the project;

(b) The cost per ton of carbon dioxide equivalent avoided as a result of the project, measured over the anticipated lifetime of the project;

(c) The degree to which the project will reduce emissions of other dangerous air pollutants regulated under chapter 70.94 RCW or public exposures to pollutants regulated under chapter 90.48 or 70.105D RCW;

33 (d) Whether the project will benefit a disproportionately 34 impacted community identified in section 112 of this act and by the 35 economic and environmental justice oversight panel established in 36 section 107 of this act;

37 (e) The likelihood of project completion in the absence of38 support from the sustainable infrastructure fund;

1 (f) The degree to which the project is consistent with projects 2 funded under multiple categories of the sustainable infrastructure 3 fund; and

4 (g) The degree to which funding from the sustainable 5 infrastructure fund will be matched by project proponents or 6 supplemented by other funding sources, including in-kind 7 contributions from the community or project sponsor.

8 (6) Should the total requested funding amount submitted to a 9 category of the sustainable infrastructure fund fall short of total 10 funding available in the category, remaining funding must be 11 reallocated to the other categories in proportion to their relative 12 allocation in this subsection.

(7) The board may adopt rules establishing acquisition policies 13 and priorities for projects to be financed from moneys in the 14 sustainable infrastructure fund. То support the 15 investment 16 prioritization decisions for the use of sustainable infrastructure 17 funds under this subsection, the board must rely on the advice of 18 committees of technical subject-matter experts and stakeholder 19 advisors to the board appointed by the governor and the economic and environmental justice oversight panel. The committees may 20 be 21 comprised of a total of up to eleven appointed members, and separate committees must be formed for each category of projects 22 in subsections (2), (3), and (4) of this section. Two-thirds of advisors 23 to the board serving on each committee must be appointed by the 24 25 governor, and the balance of advisors to the committees must be appointed by the economic and environmental justice oversight panel. 26 Committee composition must be selected based on expertise or 27 28 experience in the specific areas of the committee's jurisdiction. Committee members are not state employees and are not eligible for 29 compensation, except that members selected by the economic and 30 31 environmental justice oversight panel must be compensated in 32 accordance with RCW 43.03.240 and are entitled to reimbursement individually for travel expenses incurred in the performance of their 33 duties as members of the board in accordance with RCW 43.03.050 and 34 43.03.060. 35

36 (8) Before November 1st of each even-numbered year, the board 37 must recommend to the governor a prioritized list of all projects to 38 be funded from the sustainable infrastructure fund. The governor must 39 submit this amended list in the capital budget request to the 40 legislature. The legislature may remove projects from the list

1 recommended by the governor. The board may not sign contracts or otherwise financially obligate funds the 2 from sustainable 3 infrastructure fund as provided in this chapter before the legislature has appropriated funds for a specific list of projects. 4 Projects must be funded in order of rank consistent with other 5 6 requirements in this section. In the event that a project ranked high enough to receive funding becomes ineligible for funding after 7 initial application and rankings, funding must be moved to the next 8 ranked project on the list. The list must include, but not be limited 9 10 to, a description of each project and any particular match 11 requirement.

12 <u>NEW SECTION.</u> Sec. 106. DEPARTMENT OF COMMERCE—CARBON REDUCTION 13 INVESTMENT PRICE. (1) The department of commerce, in consultation 14 with the Washington State University extension energy office and 15 other relevant agencies, must set investment prices for different 16 emissions reduction projects in the state based upon the quantifiable 17 and verifiable amount of carbon reduction to be achieved by the 18 project.

(2) By July 1, 2018, and July 1st of each even-numbered year 19 20 thereafter, the department of commerce, in consultation with the 21 Washington State University extension energy office and other relevant agencies, must determine the investment prices for a range 22 23 of emissions reduction projects for the forthcoming two years. The investment price may not exceed one hundred dollars in 2017 dollars 24 per ton of carbon dioxide equivalent of reduced emissions of 25 26 greenhouse gases. In setting biannual carbon investment prices, the department of commerce must consider the recommendation of the 27 Washington State University extension energy office in subsection (3) 28 of this section, as well as the incentive size that it determines to 29 be minimally necessary to overcome barriers to deployment in relevant 30 31 sectors of the clean energy economy. Upon the request of a project applicant, the department of commerce and the Washington State 32 University extension energy office may consider additional project 33 34 types beyond those initially identified as eligible for funding under 35 this section.

36 (3) By March 1, 2018, the Washington State University extension 37 energy office must complete a clean energy investment study to 38 recommend appropriate initial investment prices per ton of carbon 39 dioxide equivalent of greenhouse gas emission reductions for a

1 variety of clean energy, efficiency, and other eligible project types. This study must take into account greenhouse gas emission 2 reduction project prices in regulatory and voluntary carbon reduction 3 programs operated in other jurisdictions and be set at the minimum 4 level necessary to catalyze investment in these project categories. 5 6 By March 1, 2019, and by March 1st of each odd-numbered year 7 thereafter, the Washington State University extension energy office and the department of commerce must update the recommended investment 8 9 price for the following two-year period.

10 <u>NEW SECTION.</u> Sec. 107. CARBON PROGRAM OVERSIGHT BOARD. (1)(a) 11 The carbon program oversight board is established within the 12 executive office of the governor. The purpose of the board is to 13 oversee implementation of this act and advise the governor on whether 14 this act is achieving greenhouse gas emission reductions equitably, 15 sustainably, and efficiently, including through the programmatic 16 investments of receipts from the carbon pollution mitigation tax.

17 (b) Voting members of the board must be appointed by the 18 governor. The board must consist of at least one voting member each 19 representing the following parties, totaling sixteen members:

(i) An organization whose mission is to advocate for consumers;

(ii) A Washington business or organization representingWashington businesses;

23 (iii) A worker from an energy-intensive and trade-exposed 24 facility;

25 (iv) A light and power business or a supplier;

26 (v) A land conservation organization;

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27 (vi) An environmental organization with a focus on climate 28 policy;

(vii) A federally recognized Indian tribe, if selected by action of all of the governing bodies of all federally recognized Indian tribes in the state;

32 (viii) A statewide labor organization representing a broad cross33 section of workers;

34 (ix) A public health organization or the organization's designee;

35 (x) An organization that represents disproportionately impacted 36 communities;

37 (xi) Two local governments, of which one must be a city and one 38 must be a county, and one must be located east of the crest of the

Cascade mountains and one must be located west of the crest of the
 Cascade mountains;

3 (xii) An organization or university that possesses technical 4 expertise in alternative energy, energy efficiency, or other low-5 carbon energy efficiency project implementation;

6 (xiii) A business engaged in alternative energy, energy
7 efficiency, or other low-carbon energy project implementation,
8 including businesses that:

9 (A) Are engaged in the manufacture, distribution, or sale of 10 zero-emission or plug-in hybrid vehicles;

11 (B) Provide access to zero-emission or plug-in hybrid vehicles; 12 or

13 (C) Implement infrastructure or other types of projects related14 to zero-emission or plug-in hybrid vehicles; and

15 (xiv) In addition to, and not counting, the board members 16 identified in (b)(iii) and (x) of this subsection, at least three 17 representatives must be members of the economic and environmental 18 justice oversight panel.

19 (c) The board must also consist of the following nonvoting
20 members:

(i) The director of the department of ecology or the director's designee;

(ii) The director of the department of commerce or the director'sdesignee;

25 (iii) The director of the department of transportation or the 26 director's designee;

(iv) The chair of the utilities and transportation commission orthe chair's designee; and

(v) A representative of each caucus of the house ofrepresentatives and the senate, named by the leader of each caucus.

31 (d)(i) For the members of the board, the duration of the first 32 appointment must be:

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(A) A two-year term for five members;

34 (B) A three-year term for five members; and

35 (C) A four-year term for six members.

36 (ii) After the initial appointments, the appointments must be for 37 three-year terms or until a successor is appointed, except in the 38 case of appointments to fill vacancies, which must be for the 39 remainder of the unexpired term. The governor must appoint one of the 1 members to serve as chair of the board for the duration of the 2 member's term.

3 (e) The governor must make the appointments of the members under 4 (b) of this subsection by January 1, 2018. Any member appointed by 5 the governor may be removed by the governor for cause. The governor 6 must appoint board members so as to achieve a council membership with 7 balanced representation by geography, gender, and ethnicity.

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(f) The board has the following powers and duties:

9 (i) Providing advice and recommendations to the governor, the 10 legislature, and the state agencies involved in the implementation of 11 chapters 70.--- and 82.--- RCW (the new chapters created in sections 12 401 and 402 of this act) and RCW 70.235.020;

(ii) Monitoring the effects of the implementation of this act, including the levying of the tax and the investments made under this act, to ensure that policy choices create a level playing field for businesses based on their greenhouse gas emissions footprint, and that implementation of this act does not lead to unfair or unintended economic distortions, including leakage related to EITE facilities; and

(iii) Providing oversight of carbon pollution mitigation tax receipt moneys to ensure consistency with overlay investment criteria required under section 113 of this act, to ensure that implementation of this act does not lead to inequitable environmental or economic impacts and that implementation satisfies the other purposes established by sections 103 through 112 of this act.

(2)(a) An economic and environmental justice oversight panel is established as a joint body between the office of the governor, the department of ecology, and the department of health. The membership of the economic and environmental justice oversight panel must consist of seven persons, appointed by the governor, based on the nomination of statewide organizations that represent the following interests:

(i) Five members, representing those most adversely harmed by cumulative impacts in disproportionately impacted communities, as identified in section 112 of this act;

36 (ii) Two members representing communities of workers in any 37 economic sectors negatively impacted by the tax imposed under section 38 202 of this act.

(b) The purpose of the panel is to ensure the policies adopted in
 chapters 70.--- and 82.--- RCW (the new chapters created in sections

1 401 and 402 of this act) to improve environmental and economic 2 indicators used to classify disproportionately impacted communities 3 within these communities and relative to other communities, and to 4 provide recommendations to the board established in section 107 of 5 this act. In addition, it is the responsibility of the panel to:

6 (i) Oversee and make recommendations on the cumulative impacts7 analysis required in section 112 of this act;

8 (ii) Oversee and make recommendations on the investments 9 recommended by disproportionately impacted communities to meet the 10 overlay investment criteria required under section 113 of this act;

11 (iii) Oversee and make recommendations on environmental and 12 economic analyses of the benefits and risks, including investments in 13 areas with displacement risk, of investments of carbon pollution 14 mitigation tax revenues that accrue to disproportionately impacted 15 communities and to workers displaced by the provisions of this act; 16 and

(iv) Select sustainable infrastructure fund committee members to supplement the committee members appointed by the governor consistent with section 105(7) of this act.

20 (3) Upon request, both the board and the economic and 21 environmental justice oversight panel must receive staff support, 22 including research and technical expertise, from the department of 23 ecology, the department of commerce, and the Washington State 24 University extension energy office. The department of commerce must 25 also provide staff resources to the board for rule making required of 26 the board by this chapter.

(4) Members of the board and panel employed by the state must serve without additional pay and participation in the work of the board is deemed to be performance of their employment. Members from the public at large must be compensated in accordance with RCW 43.03.240 and are entitled to reimbursement individually for travel expenses incurred in the performance of their duties as members of the board or panel in accordance with RCW 43.03.050 and 43.03.060.

NEW SECTION. Sec. 108. CLEAN WATER CLIMATE GRANTS—CLEAN WATER CLIMATE PROGRAM ACCOUNT CREATION. (1) The clean water climate program account is created in the state treasury. After the distribution of money to the equitable transition fund established in section 111 of this act and the payment of administrative and accountability costs consistent with section 114 of this act, twenty percent of the

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1 receipts from the carbon pollution mitigation tax imposed under section 202 of this act must be deposited into the account. The 2 department of ecology must use money in the account to provide grants 3 and loans for sustainable water projects and activities that consider 4 5 climate impacts in their planning, siting, design, and 6 implementation. Determinations for sustainable water projects and 7 activities that receive grants and loans must consider the climate impact of such investments. Projects must: 8

9 (a) Mitigate or facilitate adaptation to the impacts of climate 10 change;

11 (b) Provide long-term climate resilience benefits, including but 12 not limited to:

13 (i) Improved infiltration and treatment of polluted runoff and 14 other green storm water infrastructure;

15 (ii) Reduced risks of flooding or water infrastructure failure 16 through floodplain management;

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(iii) Enhanced water resource conservation and availability; and

18 (iv) Restored and protected estuaries and marine shoreline 19 habitats that improve habitat, store carbon, or increase coastal 20 resilience from climate change.

(2) The department of ecology must use moneys deposited in the account in approximately equal amounts for each of the following projects and activities:

(a) Design, construction, and monitoring activities and projects 24 25 that restore and protect estuaries and marine shoreline habitats. Projects under this subsection (2)(a) should be selected with 26 consideration given to the anticipated ability of the project to 27 28 buffer the effect of severe storms, capture and sequester carbon, 29 reduce impacts of ocean acidification, buffer sea level rise, and support the long-term economic health of businesses that rely on 30 sustainable state fisheries and aquaculture. The department 31 of 32 ecology must select projects that add capacity to or complement project funding from the Puget Sound national estuary program marine 33 and nearshore protection programs, and may not select projects that 34 are required by regulatory obligations or administrative or court 35 36 orders;

37 (b) Activities and projects that reduce flood risk and restore 38 natural floodplain and riparian ecological function. The department 39 of ecology must give priority under this subsection (2)(b) to 40 projects or activities that achieve multiple benefits including but

1 not limited to: The viability of agricultural activities; improved water quality; restored, improved, or expanded habitat; improved 2 public safety; enhanced salmon and steelhead recovery; economic 3 development; increased access to public open space and recreational 4 opportunities; or other benefits to local communities. The department 5 б of ecology must choose projects using ranking and selection criteria 7 consistent with the procedures for ranking and selecting floodplains by design projects that are funded through the capital budget; 8

9 (c) Sustainable water use projects and planning. In order for a 10 project to receive funding under this subsection (2)(c), the project 11 proponent must demonstrate that the project:

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(i) Is cost-effective; and

(ii) Achieves multiple benefits, including sustainable water projects that benefit residential populations and water-dependent businesses, enhanced fish or wildlife habitat, or conservation or efficiency improvements to water delivery and use; and

17 Designing, constructing, and monitoring projects (d) and 18 activities that improve infrastructure treating storm water from 19 previously developed areas within an urban growth boundary designated under chapter 36.70A RCW. In order to be eligible for funding under 20 21 this subsection (2)(d), a project must reduce pollution and improve habitat, with a preference given to projects that use green storm 22 water infrastructure or the infiltration and treatment of polluted 23 runoff to achieve those goals. The department of ecology must choose 24 25 projects using ranking and selection criteria consistent with the procedures for ranking and selecting projects funded through the 26 storm water financial assistance program administered by 27 the 28 department of ecology.

(3) In selecting grant and loan recipients under this section,the department of ecology must consider:

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(a) The cost-effectiveness of the project or activity;

32 (b) The project's or activity's ability to leverage other private33 and government investments and markets;

34 (c) Whether the project or activity will provide multiple35 benefits to communities and the environment; and

(d) For projects or activities within the Puget Sound watershed,
whether the project or activity is consistent with the action agenda
developed by the Puget Sound partnership under chapter 90.71 RCW.

NEW SECTION. sec. 109. FOREST HEALTH INVESTMENTS—SUSTAINABLE 1 FOREST HEALTH ACCOUNT CREATION. (1) The sustainable forest health 2 account is created in the state treasury. After the distribution of 3 money to the equitable transition fund established in section 111 of 4 this act and the payment of administrative and accountability costs 5 consistent with section 114 of this act, ten percent of the receipts б 7 from the carbon pollution mitigation tax imposed under section 202 of this act must be deposited into the account. Money in the account 8 must be used for projects that improve forest health, prevent 9 wildfires, increase forests' ability to filter pollutants, sequester 10 dangerous air pollutants, and provide long-term climate resilience 11 12 benefits.

13 (2) Money in the sustainable forest health account must be 14 applied to projects that achieve at least one of the following goals:

(a) Improved air quality through increased carbon sequestrationand reduced greenhouse gas emissions;

17 (b) Improved water quality;

18 (c) Improved wildlife habitat;

19 (d) Enhanced public recreation opportunities; and

(e) Enhanced long-term resilience to the effects of a changingclimate on forest health.

(3) The recreation and conservation office must develop procedures and criteria for allocation of money in the sustainable forest health account, in approximately equal amounts for:

(a) Grants to projects and activities that prevent wildfires and enhance community preparedness to prevent and mitigate impacts of wildfires and ensure the safety of communities vulnerable to wildfires;

(b) Grants to projects and activities that improve forest health through thinning or prescribed fire or both, with priority given to projects proposed pursuant to a forest collaborative planning process establishing ecological and public safety goals across any combination of local, state, federal, and private ownerships; and

establishment and funding of a working 34 (C) The forest conservation easement program to protect working private forestland, 35 to be administered by the recreation and conservation office. The 36 37 recreation and conservation office must consult with appropriate 38 agencies and stakeholders when developing requirements for the 39 working forest conservation easement program. The recreation and conservation office must finalize program requirements by July 1, 40

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1 2018, and must include a ranking system in which the primary program goal is to maximize the amount of carbon sequestered over the 2 easement's first one hundred years. The recreation and conservation 3 office must develop rules governing the ranking system, including 4 scientifically based carbon sequestration calculations, unique 5 б regional needs, and market-based appraisal methods. The program must 7 be designed to permanently prevent the development or conversion of working forests, and to provide long-term, sustainable jobs in rural 8 communities, including jobs in forest restoration and ecologically 9 focused thinning and low-intensity timber harvesting. The program 10 11 must prioritize the acquisition of easements for forest properties 12 for which there is a comparatively high probability that contiguous forestland acreage will eventually be subdivided, otherwise sold in 13 14 smaller-acreage parcels, or its timber stock liquidated in the near 15 term.

16 NEW SECTION. Sec. 110. IDENTIFICATION OF ENERGY-INTENSIVE AND 17 TRADE-EXPOSED FACILITIES. (1) By December 1, 2017, the department of 18 commerce must adopt a rule that identifies energy-intensive and trade-exposed facilities that are exempt from the tax imposed in 19 chapter 82.--- RCW (the new chapter created in section 402 of this 20 act). EITE facilities identified under this section must include but 21 are not limited to metal, glass, cement, and pulp and paper 22 manufacturers. In adopting this rule, the department of commerce must 23 24 consider the greenhouse gas emissions intensity of production by a 25 facility, as well as the share of the goods produced by the economic sector that are sold out of state. The goal of the rules adopted 26 27 under this section must be to reduce the leakage of emissions and 28 associated economic activity to jurisdictions in which greenhouse gas emissions are not taxed or regulated. 29

30 (2) Beginning January 1, 2018, upon the request of an EITE facility that meets the qualifying criteria adopted by rule pursuant 31 to subsection (1) of this section, the department of commerce must 32 issue a certificate denoting EITE facility status. The department of 33 commerce must maintain a record of all EITE facility certificate 34 35 holders statewide, and must share its records with the department of revenue to facilitate administration of the tax imposed under chapter 36 82.--- RCW (the new chapter created in section 402 of this act). 37

<u>NEW SECTION.</u> Sec. 111. EQUITABLE TRANSITION FUND CREATION. (1) In order to facilitate a just transition to a clean energy economy and to mitigate the impact of this transition on fossil fuel workers and workers in energy-intensive and trade-exposed facilities who may lose their jobs due to the transition, an equitable transition fund is created within the state treasury. Moneys in the account may only be spent after appropriation.

8 (2) The purpose of the fund is to ensure impacted workers are 9 made substantially whole during a transition period, including but 10 not limited to:

11 (a) Full wage replacement, health benefits, and pension 12 contributions for every worker with at least five years of service 13 for each year of service up to ten years of service. Workers with 14 less than five years of service are eligible for wage insurance;

15 (b) Up to two years of retraining costs including tuition and 16 related costs;

17 18 (c) Peer counseling services during transition;

(d) Employment placement services;

19 (e) Relocation expenses; and

20 (f) Other services deemed necessary by the economic and 21 environmental justice oversight panel.

It is the intent of the legislature to prioritize the 22 (3) allocation of full financial support to this fund in an amount 23 sufficient to meet the needs of workers who may lose their jobs to 24 25 the transition to the clean energy economy, and to ensure that the 26 allocation of moneys to this account occurs prior to any disbursements to the accounts created in this chapter. It is the 27 intent of the legislature to deposit the sum of fifty million dollars 28 29 into the equitable transition fund the first year of the program for the purpose of providing the support to workers detailed 30 in 31 subsection (2) of this section, after which additional money will be 32 allocated over time as necessary.

(4) Funding will be made available for workers who are dislocated 33 specifically due to the impacts of this act, including but not 34 limited to workers in fossil fuel-dependent industries. A case can be 35 initiated by the economic and environmental justice oversight panel, 36 the board, or brought to the attention of either body by a worker or 37 a representative of a labor union who believes a situation qualifies 38 39 for equitable transition support. The board must make final decisions 40 determining qualifying events and levels of support needed.

(5) The department of commerce must implement the requirements of
 this section.

NEW SECTION. Sec. 112. CUMULATIVE IMPACTS ANALYSIS AND 3 IDENTIFICATION OF DISPROPORTIONATELY IMPACTED COMMUNITIES. (1) By 4 5 March 1, 2018, for the purposes of mitigating harm from climate change and dangerous air pollutants, the department of health must 6 conduct a cumulative impacts analysis to identify the geographic 7 boundaries of disproportionately impacted communities in Washington. 8 9 The department of health must identify, map, and rank disproportionately impacted communities, based on cumulative impacts 10 11 measured on a census tract scale based on geographic, socioeconomic, public health, and environmental burden, vulnerability, and hazard 12 13 criteria, including but not limited to:

(a) Areas that are disproportionately affected by dangerous air pollutants and other environmental burdens and vulnerabilities, including climate change vulnerabilities, such as vulnerabilities to wildfires, drought or severe flooding, and hazards with negative public health effects;

(b) Areas with high concentrations of people that are of low income and wealth, that have low levels of educational attainment, that feature high rates of unemployment, that feature low levels of homeownership or where the average cost of rent is a high proportion of average income, linguistic isolation, or other vulnerability characteristics; and

25 (c) Other factors that are identified by the department of 26 health.

(2) The cumulative impacts analysis must integrate with and build
 upon other population tracking resources used by the department of
 health.

30 (3) By March 1, 2022, and every two years thereafter, the 31 department of health, under advisement from the economic and 32 environmental justice oversight panel, must update the identification 33 of disproportionately impacted communities pursuant to this section. 34 By March 1, 2024, and every four years thereafter, the department of 35 health must review and revise the methodology for identifying 36 disproportionately impacted communities to reflect best practices.

1 <u>NEW SECTION.</u> Sec. 113. OVERLAY INVESTMENT CRITERIA. (1) The 2 following overlay investment criteria applies to the expenditures in 3 sections 103 through 105, 108, and 109 of this act:

Each biennium, a minimum of twenty-five percent 4 of (a) expenditures must be used for projects or activities that provide 5 6 direct, meaningful, and assured benefits to the most 7 disproportionately impacted communities; and

(b) Each biennium, a minimum of ten percent of expenditures, in 8 addition to the twenty-five percent used in (a) of this subsection, 9 must be used for projects or activities that provide direct, 10 11 meaningful, and assured benefits and which are located within the 12 most disproportionately impacted communities, including overlap into most 13 an adjacent buffer area of one-quarter mile of the 14 disproportionately impacted communities identified in section 112 of 15 this act.

16 (2) For purposes of this section, a project or activity is 17 considered to benefit a community if the project or activity:

18 (a) Reduces one or more socioeconomic or environmental 19 disparities that contribute significantly to the cumulative impact 20 ranking in a particular impacted tract;

(b) Protects a community from the anticipated impacts of climate change, including but not limited to reducing the susceptibility of rural communities to wildfires, coastal communities to sea level rise, and riparian communities to flooding; or

(c) Meets a community need identified by members of that community consistent with the intent of this act, as determined by the economic and environmental justice oversight panel created in section 107 of this act based upon evidence that the proponents of the project or activity sought and accepted the feedback of persons and organizations that live or are active in the disproportionately impacted community.

(3) All investment decisions must give preference to projects 32 that meet high labor standards criteria that provide prevailing wage 33 rates determined by local collective bargaining, apprenticeship and 34 35 preapprenticeship utilization and preferred entry standards, 36 community workforce agreements to prioritize local hiring, and the use 37 of domestic content to lower greenhouse gas emissions in procurement decisions wherever practicable. 38

(4) Only projects that commence after July 1, 2017, are eligibleto receive funding.

1 (5) Each state agency with control of expenditures of carbon pollution mitigation tax receipts must track whether expenditures of 2 funds from accounts under that agency's administrative control meet 3 the overlay investment criteria of subsection (1) of this section. By 4 September 1, 2021, and September 1st of each odd-numbered year 5 6 thereafter, each state agency with administrative control over the expenditure of carbon pollution mitigation tax receipts must submit 7 information to the department of commerce, the 8 economic and environmental justice oversight panel, and the board pertaining to 9 the expenditures of money from the clean energy account, clean water 10 11 climate program account, and sustainable forest health account, including the location, number, and description of people affected, 12 and explanation of the benefits to disproportionately impacted 13 14 communities.

15 (6) Upon request, the department of commerce must provide technical and procedural assistance to the project applicants for 16 17 projects that will benefit disproportionately impacted communities. 18 Assistance by the department of commerce may take the form of direct 19 technical assistance by department staff in support of the grant applications that benefit disproportionately impacted communities, or 20 by facilitating access to resources and assistance made available 21 22 through other state agencies or community-based organizations under contracts with the state to provide these services. 23

(7) By December 1, 2021, and each odd-numbered year thereafter, 24 25 the department of commerce, with prior approval of the findings and 26 recommendations by the economic and environmental justice oversight panel, must submit a report to the legislature demonstrating whether 27 the expenditures from the clean energy, clean water climate program, 28 and sustainable forest health accounts complied with the overlay 29 investment criteria of this section and associated impacts from those 30 31 investments. In the event that the overlay investment criteria requirements of this section are not met, the report must include 32 33 recommendations for how investments of expenditures from receipts of the carbon pollution mitigation tax can come into compliance in 34 future biennia. 35

36 <u>NEW SECTION.</u> Sec. 114. LIMITATION ON ADMINISTRATIVE EXPENSES. 37 No more than five percent of the receipts from the tax imposed under 38 chapter 82.--- RCW (the new chapter created in section 402 of this 39 act) may be allocated to the administration of the tax, the 1 implementation of the programs directed by this chapter, or other 2 related tax and program implementation and enforcement activities of 3 the department of ecology, the department of revenue, the department 4 of commerce, the department of health, the Washington State 5 University extension energy office, the recreation and conservation 6 office, the office of the attorney general, or other state activities 7 required under this act.

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## PART II Carbon Pollution Mitigation Tax

10 <u>NEW SECTION.</u> Sec. 201. For the purposes of this chapter unless 11 the context clearly requires otherwise:

12 (1) The definitions in section 102 of this act apply to this 13 chapter; and

14 (2) "Department" means the department of revenue.

15 <u>NEW SECTION.</u> Sec. 202. CARBON POLLUTION MITIGATION TAX IMPOSED. 16 (1) A carbon pollution mitigation tax is levied and collected on the 17 carbon content of fossil fuels and electricity, including imported 18 electricity, sold or used within this state.

19 (2) Beginning July 1, 2018, the tax rate is equal to fifteen 20 dollars per metric ton of carbon dioxide equivalent. Beginning July 21 1, 2019, the rate of the tax increases by seven percent plus 22 inflation each July 1st until July 1, 2047, except as provided 23 otherwise in section 212 of this act.

(3) The tax levied under this section is imposed only once with respect to the same fossil fuel or electricity, at the time and place of the first sale or use taxable event within this state, and upon the first taxable person within this state.

(4) For persons subject to any tax imposed under chapter 82.04, 28 82.08, 82.12, or 82.16 RCW, the frequency of reporting and payment of 29 the carbon pollution mitigation tax must, to the extent practicable, 30 coincide with a person's reporting periods for the taxes imposed 31 under chapter 82.04, 82.08, 82.12, or 82.16 RCW. Returns must be 32 33 filed electronically using the department's online tax filing service or other method of electronic reporting as the department may 34 35 authorize.

36 (5) For purposes of determining the amount of tax owed by a 37 person under this section, the department must use carbon calculations as determined by the department of ecology under section
 205 of this act.

3 (6) For purposes of imposing the tax under this chapter, the 4 department must assume the carbon content of electricity that is not 5 attributed to a generation source under the rules adopted pursuant to 6 section 206 of this act is equal to one metric ton of carbon dioxide 7 per megawatt-hour.

(7) Electricity and fuels subject to a similar tax or price 8 imposed in another jurisdiction before being imported into Washington 9 are exempt from the portion of the tax equal to the amount paid the 10 11 other jurisdiction. The sum of the tax rates paid in Washington and 12 jurisdiction for electricity and fuels another imported into Washington may not exceed the rate of the tax imposed in subsection 13 14 (2) of this section.

(8) Each sale within Washington of a fossil fuel or electricitymust indicate on the invoice or other document of sale:

(a) The amount of the tax paid or to be associated with the soldfossil fuel or electricity;

19

(b) The rate of the tax paid or to be paid;

20 (c) The person who paid or will pay the tax; and

(d) Other information required by rules adopted by the department. Rules adopted by the department under this subsection (8)(d) must be sufficient to facilitate the remittance of tax for uses and facilities that are exempt from the tax under sections 207 and 208 of this act.

(9)(a) The department must remit the amount of the tax to a person that is exempt under section 207 or 208 of this act, and for which the tax had been previously paid by a supplier or light and power business, as supported by the documentation specified in subsection (8) of this section.

31 (b) The department may issue remittance in the form of credit 32 against the payment of taxes otherwise owed by the person under 33 chapters 82.04, 82.08, 82.12, and 82.16 RCW, at the time and 34 frequency with which those taxes are reported and paid.

35 (c) If a purchaser of fossil fuels or electricity sold within 36 this state fails to obtain an invoice or document of sale that 37 complies with the rules adopted pursuant to subsection (8) of this 38 section, or fails to present a certificate described under section 39 207(4) of this act, or both, the department may not remit tax to that 40 person. (10) Receipts from the tax collected under this section must be
 distributed in descending order of priority, as follows:

3 (a) Amounts necessary to ensure that balance of the equitable 4 transition fund established in section 111 of this act does not fall 5 below five hundred thousand dollars at any point during the biennium;

6 (b) To the general fund for payments of administrative expenses,
7 consistent with section 114 of this act; and

8 (c) To the clean energy account, clean water climate program 9 account, and the sustainable forest health account, consistent with 10 sections 103 through 105, 107, and 108 of this act.

(11) (11) The department must round the tax rate to the nearest cent.
The department must publish on its web site the tax rate for any year
by January 1st of that year.

14 <u>NEW SECTION.</u> Sec. 203. TAX ON ELECTRICITY. (1) The tax imposed 15 in section 202 of this act on electricity must be paid by the light 16 and power business. If a wholesale customer of a light and power 17 business consumes electricity for which a tax under section 202 of 18 this act has not been paid by a light and power business, then the 19 customer must pay the tax directly to the department.

20 (2)(a) Light and power businesses are exempt from the tax if they 21 obtain a fully completed exemption certificate, authorized under 22 section 208 of this act within ninety days, or a longer period as may 23 be provided by rule by the department, subsequent to the payment 24 period associated with a sale of electricity. Upon the request of the 25 department, the light and power business must provide evidence that 26 the tax has been refunded to the exempt entity.

27 (b) If the light and power business has not obtained an exemption certificate authorized under section 208 of this act within the 28 period allowed subsequent to a payment period, the light and power 29 30 business may, within one hundred twenty days, or a longer period as may be provided by rule by the department, subsequent to a request 31 for substantiation by the department, either prove that 32 the transaction was not subject to tax by other means or obtain a fully 33 completed exemption certificate from the purchaser, taken in good 34 35 faith.

36 <u>NEW SECTION.</u> **Sec. 204.** TAX ON FOSSIL FUELS—ELECTRICITY AND 37 COMBINED HEAT AND POWER. (1) A light and power business is not 38 required to pay the tax on fossil fuels supplied to a light and power

business by a supplier and for which the tax under this chapter has
 been paid by a supplier.

3 (2) The tax on fossil fuels supplied for combined heat and power, 4 as defined in RCW 19.280.020, are imposed on the supplier. The 5 department may not impose the tax on electricity from combined heat 6 and power, and must instead impose upon and assign payment 7 responsibility for the tax to the supplier.

Sec. 205. DEPARTMENT OF 8 NEW SECTION. ECOLOGY CARBON CALCULATIONS AND REPORTING. (1) By December 15, 2017, the department 9 10 of ecology must adopt rules specifying the basis for a carbon 11 calculation on the emissions of carbon dioxide equivalent inherent in or associated with fossil fuels and of the emissions inherent in or 12 13 associated with imported electricity. In determining a carbon calculation methodology, the department of ecology may consider, 14 15 among other resources, the reports filed in section 206 of this act, 16 the carbon dioxide content measurements for fossil fuels from the United States energy information administration, and the United 17 18 States environmental protection agency.

19 (2) The department of ecology may periodically update the rules 20 specifying the carbon content of fossil fuels and imported 21 electricity. Department of ecology rule updates under this section 22 must be adopted by November 1st of a given year, and must take effect 23 beginning January 1st of the following year.

NEW SECTION. Sec. 206. ELECTRIC SOURCE REPORTING AND UNSPECIFIED POWER TO THE DEPARTMENT OF COMMERCE. (1) Each light and power business must file with the department of commerce a fuel mix report. The report must be filed with the department of commerce during the reporting period for the tax imposed under section 202 of this act, as determined by the department.

30 (2) The department of commerce must adopt rules regarding the 31 content of the fuel mix report submitted under this section. The fuel 32 mix report rules must require the submission of the information 33 required by RCW 19.29A.060, as well as any other information deemed 34 necessary by the department of commerce or by the department to 35 administer the tax imposed under this chapter.

36 (3) The department of commerce must adopt rules under which a 37 light and power business may specify the resources used to generate 38 electricity that is not a declared resource under RCW 19.29A.060(1).

1 To the maximum extent practicable, the electricity source 2 specification requirements and procedures adopted by the department 3 of commerce must be consistent with the electric source specification 4 requirements that apply to electricity in other jurisdictions that 5 have adopted a policy that results in the imposition of a tax, price, 6 or other cost associated with the carbon content of electricity.

7 (4) For purposes of imposing the tax under this chapter, the 8 department must assume the carbon content of electricity that is not 9 attributed to a generation source under the rules adopted pursuant to 10 this section is equal to one metric ton of carbon dioxide per 11 megawatt-hour.

12 <u>NEW SECTION.</u> Sec. 207. EXEMPTIONS AND REDUCED RATES. (1) The 13 tax levied under section 202 of this act does not apply to:

(a) Fossil fuels brought into this state by means of the fuelsupply tank of a motor vehicle, vessel, locomotive, or aircraft;

16 (b) Fossil fuels that are prohibited from taxation under the 17 Constitution of Washington or the Constitution of the United States;

18 (c) Fossil fuels that are exported or sold for export outside of 19 Washington. Export to a federally recognized Indian tribal 20 reservation located within this state is not considered export 21 outside of Washington; or

(d) Fossil fuels used for aviation or maritime purposes, unless by December 31, 2021, an international consortium for each respective industry has not adopted a greenhouse gas emissions reduction plan consistent with climate goals in RCW 70.235.020, as determined by the department of ecology on December 1, 2021.

(2) The tax levied under section 202 of this act is imposed on
 EITE facilities except as provided for in section 208 of this act.

(3) The tax levied under section 202 of this act does not applyto the following fuel purchases until July 1, 2039:

(a) Diesel fuel or aircraft fuel used solely for agricultural
 purposes, as those terms are defined in RCW 82.08.865;

33 (b) Fuel purchased for the purpose of public transportation and 34 for which the purchaser is entitled to a refund under RCW 35 82.38.080(1) (f) and (g) or 82.38.180(3)(b);

36 (c) Fuel that is purchased by a private, nonprofit transportation 37 provider certified under chapter 81.66 RCW and for which the 38 purchaser is entitled to a refund under RCW 82.38.080(1) (f) and (g) 39 or 82.38.180(3)(b); (d) Fuel purchased by the Washington state ferry system for use
 in a state-owned ferry; and

3 (e) Fuel purchased for school buses, as defined in and consistent4 with the requirements of RCW 46.04.521.

5 (4) The department must make available a certificate for use by 6 purchasers of fuels exempted under subsection (3) or (1)(d) of this 7 section from the tax imposed in section 202 of this act.

8 Sec. 208. EITE FACILITY TAX EXEMPTION. (1) NEW SECTION. Beginning July 1, 2019, and each July 1st thereafter, each EITE 9 10 facility that has obtained a certificate from the department of commerce consistent with section 110 of this act must submit a report 11 to the department of commerce, in a form and at time intervals 12 adopted by rule by the department of commerce, regarding the EITE 13 facility's consumption of fossil fuels and electricity and the 14 15 associated tax paid on the fossil fuel or electricity for the 16 preceding twelve months. Beginning July 1, 2020, the report must also include the benchmark annual emissions volume established for the 17 facility as determined by the department of ecology under section 209 18 of this act. 19

20 (2) EITE facilities may qualify for an exemption from the tax 21 under section 202 of this act. To qualify for an exemption, an EITE 22 facility must:

(a) Submit the report required under subsection (1) of thissection;

25 (b) Obtain an exemption certificate from the department of 26 commerce; and

(c) Provide the certificate to the light and power business,
supplier, or other taxable person under this act at the time of
purchase of electricity or fossil fuels.

30 (3) The exemption certificates authorized under this section must 31 be renewed with the department annually. The department of commerce 32 may not issue an exemption certificate under this section to any EITE 33 facility that has not filed the report required in subsection (1) of 34 this section.

35 (4) The exemption is subject to reduction or cancellation in the 36 event that, despite exemption from the tax, a certified EITE closes a 37 facility within the state or moves significant numbers of jobs to 38 facilities outside Washington state. The department of commerce, with 39 input from the board, must make a recommendation to the department 1 regarding the amount of the tax exemption to be recovered from the 2 EITE facility, which must be proportional to the percentage of the 3 EITE facility's number of full-time employee positions in the state 4 that moved to facilities outside of Washington state.

(5) The department must recover previously exempted tax in the 5 6 event that they find that reductions were a result of relocation and 7 not normal changes in economics or business cycle. In recovering previously exempted taxes in such an event, the department must seek 8 recovery of the proportional amount described in subsection (4) of 9 this section of the tax that would have otherwise been due over the 10 previous five calendar years, plus interest assessed consistent with 11 12 RCW 82.32.050. The board and the department of commerce must also recommend a commensurate reduction in tax exemption or cancellation 13 14 of the exemption, to be enacted by the department starting at the 15 next taxable event.

16 <u>NEW SECTION.</u> Sec. 209. EITE FACILITY BENCHMARK SETTING. (1) 17 Beginning February 1, 2020, and each February 1st thereafter, each 18 EITE facility must provide the following data to the department of 19 ecology:

(a) Data that allows the department of ecology to calculate theactual or projected emissions of the EITE facility;

(b) Actual or projected production data for the energy-intensiveand trade-exposed facility;

(c) Actual or projected operating hours and days of operationduring a calendar year;

(d) Information regarding an EITE facility's processes that
 consume fossil fuels, use electricity, or otherwise are associated
 with the emissions of greenhouse gases; and

(e) Any other information requested by the department of ecology
that is germane to calculations of the greenhouse gas intensity of
production at the EITE facility.

(2) The EITE facility must also make available personnel who can 32 assist the department of ecology in assigning a baseline greenhouse 33 gas emissions value for the facility. If the EITE facility does not 34 provide the department of ecology with information or access to 35 personnel in a timely manner, the department of ecology may use the 36 37 best information available to the department to conservatively estimate any missing data and assign a baseline greenhouse gas 38 emissions value. 39

1 (3) For each EITE facility, the department of ecology must 2 establish a benchmark volume of annual greenhouse gas emissions based 3 upon a determination of the greenhouse gas emissions associated with 4 the most efficient fifty percent of similar existing facilities, 5 adjusted for production volumes. In making the assessment of the 6 greenhouse gas emissions intensity of the fiftieth percentile of 7 similar existing EITE facilities, the department of ecology:

8 (a) Must attempt to find existing parties, either local or 9 otherwise, that are similar to the energy-intensive and trade-exposed 10 facility because they make or supply similar products using similar 11 processes as the EITE facility;

(b) May prorate emissions or production data to scale data from similar facilities to the energy-intensive and trade-exposed facility subject to the tax imposed under section 202 of this act;

15 (c) Must use average emissions data from the most recent three to 16 five-year period that such data is available for the energy-intensive 17 and trade-exposed facility and for similar facilities identified; and

18 (d) Must use best available engineering methods to estimate 19 greenhouse gas emissions from the EITE facilities, if similar 20 facilities do not exist.

(4) By June 1, 2020, and each June 1st thereafter, the department of ecology must determine, consistent with subsection (3) of this section, whether each EITE facility that submitted information to the department of ecology under subsection (1) of this section has exceeded the fiftieth percentile benchmark emissions volume during the preceding year.

(5) An EITE facility is eligible to submit project proposals to the clean energy account detailed in section 103 of this act, in order to work towards greater efficiency and to help those EITE facilities below the fiftieth percentile to exceed that benchmark. This provision does not limit the eligibility of other public or private applicants to these funds.

33 (6) The department of ecology may adopt rules to implement this 34 section.

35 (7) Information submitted to the department of ecology pursuant 36 to subsection (1)(b), (c), or (d) of this section is not subject to 37 public disclosure under chapter 42.56 RCW.

38 <u>NEW SECTION.</u> **Sec. 210.** TAX ADMINISTRATION. All of the 39 provisions in chapter 82.32 RCW have full force and application with 1 respect to taxes imposed under the provisions of this chapter. The 2 department must develop and make available worksheets, tax tables, 3 and guidance documents necessary to calculate the emissions of fossil 4 fuels or inherent in electricity.

5 <u>NEW SECTION.</u> Sec. 211. LOW-INCOME CARBON POLLUTION MITIGATION 6 TAX GRANT. (1) The definitions in this section apply throughout this 7 section unless the context clearly indicates otherwise.

8 (a) "Adjusted gross income" has the same meaning as provided in 9 Title 26 U.S.C. Sec. 62 of the federal internal revenue code, as 10 amended, as of the effective date of this section.

11 (b) "Department" means the department of social and health 12 services.

13 (c) "Eligible person" means:

14 (i) An individual, or an individual and that individual's spouse 15 if they file a joint return, who:

(A) Has an adjusted gross income as provided for in subsection(3) of this section; and

(B) Properly files a federal income tax return as a Washington resident, and has been a resident of the state of Washington for more than one hundred eighty days of the year in which the grant is sought;

(ii) Any person eligible for any Washington means-tested benefits including, but not limited to, temporary assistance for needy families under chapter 74.12 RCW and the supplemental nutrition assistance program under chapter 74.04 RCW, and who have resided in the state of Washington for more than one hundred eighty days of the year in which the grant is sought;

(iii) Any nonresident aliens who have an individual taxpayer identification number from the United States internal revenue service and have resided in the state of Washington for more than one hundred eighty days of the year in which the grant is sought.

(2) The department must establish and administer a low-income
 carbon pollution mitigation tax grant, as provided in this section,
 for Washington state residents to assist in the equitable transition
 to lower carbon emission energy sources.

36 (3) A qualified person is allowed a low-income carbon pollution 37 mitigation tax grant based on the adjusted gross income reported on 38 the federal personal income tax return for the tax year in which the

grant is sought. It must be calculated in accordance with, and 1 subject to the limits of, the following tables: 2

3

## 4

Low-income carbon pollution mitigation tax grant, single head of household

5	No children		1 child		2 children		3 or more children	
6	AGI Range	Grant	AGI Range	Grant	AGI Range	Grant	AGI Range	Grant
7		Amount		Amount		Amount		Amount
8	\$0-\$19,999	\$120	\$0-\$19,999	\$180	\$0-\$19,999	\$240	\$0-\$19,999	\$300
9	\$20,000-	\$90	\$20,000-	\$135	\$20,000-	\$180	\$20,000-	\$225
10	\$26,999		\$26,999		\$28,499		\$29,499	
11	\$27,000-	\$60	\$27,000-	\$90	\$28,500-	\$120	\$29,500-	\$150
12	\$33,999		\$33,999		\$36,999		\$38,999	
13	\$34,000-	\$30	\$34,000-	\$45	\$37,000-	\$60	\$39,000-	\$75
14	\$40,999		\$40,999		\$45,499		\$48,499	
15	\$41,000 or	\$0	\$41,000 or	\$0	\$45,500 or	\$0	\$48,500 or	\$0
16	greater		greater		greater		greater	

### 18

#### Low-income carbon pollution mitigation tax remittance, married/filing 17 jointly

19	No children		1 child		2 children		3 or more children	
20	AGI Range	Grant	AGI Range	Grant	AGI Range	Grant	AGI Range	Grant
21		Amount		Amount		Amount		Amount
22	\$0-\$23,999	\$120	\$0-\$23,999	\$180	\$0-\$23,999	\$240	\$0-\$23,999	\$300
23	\$24,000-	\$90	\$24,000-	\$135	\$24,000-	\$180	\$24,000-	\$225
24	\$30,999		\$30,999		\$32,999		\$33,999	
25	\$31,000-	\$60	\$31,000-	\$90	\$33,000-	\$120	\$34,000-	\$150
26	\$37,999		\$37,999		\$41,999		\$43,999	
27	\$38,000-	\$30	\$38,000-	\$45	\$42,000-	\$60	\$44,000-	\$75
28	\$44,999		\$44,999		\$50,999		\$53,999	
29	\$45,000 or	\$0	\$45,000 or	\$0	\$51,000 or	\$0	\$54,000 or	\$0
30	greater		greater		greater		greater	

(4) The grant amounts provided for in subsection (3) of this 31 section must be adjusted effective on January 1st of an even-numbered 32 year based on the annual growth of the consumer price index for urban 33 34 wage earners and clerical workers as published by the United States

bureau of labor statistics on January 1st of the immediately previous
 odd-numbered year.

3 (5) The grant under this section must be administered according 4 to this subsection (5):

5 (a) An eligible person must apply to the department for the grant 6 as calculated under this section.

7 (b) Applications for the low-income carbon pollution mitigation 8 tax grant must be made in the year following the year for which the 9 federal return was filed, but in no case may any remittance be 10 provided for any period before July 1, 2018. The department may use 11 the best available data to process the grant. The department must 12 begin accepting applications October 1, 2019.

(c) The department must review the application and determine eligibility for the low-income carbon pollution mitigation tax grant based on information provided by the applicant and through audit and other administrative records including, when it deems it necessary, verification through the department of revenue and the United States internal revenue service data.

(d) The department must remit the grant amount to the eligible person who submitted the application. Grants may be made through electronic funds transfer or other means.

(e) The department may, in conjunction with other agencies,
 design and implement a public information campaign to inform
 potentially eligible persons of the existence of and requirements of
 this grant.

26 (f) The department may adopt any rules necessary to implement 27 this section.

(6) The low-income carbon pollution mitigation tax grant must be excluded from consideration as income for the purpose of determining eligibility and benefit levels of food stamp or benefit program recipients to the maximum exclusion authorized by federal law.

32 <u>NEW SECTION.</u> Sec. 212. TAX INCREASE MITIGATED UPON ACHIEVEMENT 33 OF LIMITS. (1) If the department of ecology, based on data collected 34 by the department on total electricity and fuels subject to the tax 35 in the previous year, determines that:

36 (a) The sources of emissions covered by the tax imposed by this 37 chapter are predicted to achieve or exceed their combined share of 38 the emissions reductions necessary for the state to achieve the 39 emissions limits established in RCW 70.235.020, the tax rate

1 established in section 202 of this act must increase the following 2 July 1st only by the rate of inflation;

3 (b) The sources of emissions covered by the tax imposed by this 4 chapter are predicted to fall short of their combined share of the 5 emissions reductions necessary for the state to achieve the emissions 6 limits established in RCW 70.235.020 by no more than three percent of 7 the overall statewide limit, the rate of the tax established in 8 section 202 of this act must increase the following July 1st only by 9 two percent plus the rate of inflation;

10 (c) The sources of emissions covered by the tax imposed by this 11 chapter are predicted to fall short of their combined share of the 12 emissions reductions necessary for the state to achieve the emissions 13 limits established in RCW 70.235.020 by between three percent and 14 five percent of the overall statewide limit, the rate of the tax 15 established in section 202 of this act must increase the following 16 July 1st only by four percent plus the rate of inflation.

17 (2) For purposes of this section, the combined share of emissions 18 reductions for sources of emissions covered by the tax imposed by 19 this chapter is the proportion of the greenhouse gas emissions in 20 2017 by entities subject to the tax relative to the state's overall 21 emissions that year.

(3) The department of ecology must make the determinationsrequired under this section by December 1st of each year.

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### PART III

# Amending Current Greenhouse Gas Limits in State Law per the Department of Ecology's 2016 Report

27 **Sec. 301.** RCW 70.235.020 and 2008 c 14 s 3 are each amended to 28 read as follows:

(1)(a) The state ((shall)) <u>must</u> limit emissions of greenhouse gases to achieve the following emission reductions for Washington state:

32 (i) By 2020, reduce overall emissions of greenhouse gases in the33 state to 1990 levels;

(ii) By 2035, reduce overall emissions of greenhouse gases in the
 state to ((twenty-five)) forty percent below 1990 levels;

36 (iii) By 2050, the state will do its part to reach global climate 37 stabilization levels by reducing overall emissions to ((fifty)) 1 <u>eighty</u> percent below 1990 levels((, or seventy percent below the 2 state's expected emissions that year)).

3 (b) By December 1, 2008, the department ((shall)) <u>must</u> submit a 4 greenhouse gas reduction plan for review and approval to the 5 legislature, describing those actions necessary to achieve the 6 emission reductions in (a) of this subsection by using existing 7 statutory authority and any additional authority granted by the 8 legislature. Actions taken using existing statutory authority may 9 proceed prior to approval of the greenhouse gas reduction plan.

10 (c) Except where explicitly stated otherwise, nothing in chapter 11 14, Laws of 2008 limits any state agency authorities as they existed 12 prior to June 12, 2008.

13 (d) Consistent with this directive, the department ((shall)) must 14 take the following actions:

(i) Develop and implement a system for monitoring and reporting
 emissions of greenhouse gases as required under RCW 70.94.151; and

(ii) Track progress toward meeting the emission reductions established in this subsection, including the results from policies currently in effect that have been previously adopted by the state and policies adopted in the future, and report on that progress.

21 (2)(a) By ((December)) October 31st of each even-numbered year 22 beginning in 2010, the department and the department of ((community, trade, and economic development shall)) commerce must report to the 23 governor and the appropriate committees of the senate and house of 24 25 representatives the total emissions of greenhouse gases for the 26 preceding two years, and totals in each major source sector. The report must address both emissions from sources subject to the tax 27 imposed pursuant to section 202 of this act and emissions from 28 29 sources not subject to the tax.

(b) The report required in (a) of this subsection (2) must 30 31 include a declaration of whether entities subject to the tax imposed 32 in chapter 82.--- RCW (the new chapter created in section 402 of this act) have met their combined share of emissions reductions as defined 33 in section 212 of this act. Beginning in 2024, the report must also 34 evaluate the efficacy of the tax rate adjustments occurring under 35 section 212 of this act, taking into account the rate of the tax that 36 was imposed over the preceding three biennia. If the department 37 determines that the entities subject to the tax did not meet their 38 39 combined share of emissions reductions towards the achievement of the 40 state limits established in subsection (1) of this section during the

previous biennium, the report must include a recommendation to the legislature for an adjustment to the tax rate imposed in section 202 of this act that would be sufficient for the state to achieve the limits established in subsection (1) of this section.

5 <u>(c)</u> The department ((shall)) <u>must</u> ensure the reporting rules 6 adopted under RCW 70.94.151 allow it to develop a comprehensive 7 inventory of emissions of greenhouse gases from all significant 8 sectors of the Washington economy.

9 (3) Except for purposes of reporting, emissions of carbon dioxide 10 from industrial combustion of biomass in the form of fuel wood, wood 11 waste, wood by-products, and wood residuals ((shall not be)) is not 12 considered a greenhouse gas as long as the region's silvicultural 13 sequestration capacity is maintained or increased.

#### PART IV

### Miscellaneous Provisions

16 <u>NEW SECTION.</u> Sec. 401. Part I of this act constitutes a new 17 chapter in Title 70 RCW.

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18 <u>NEW SECTION.</u> **Sec. 402.** Part II of this act constitutes a new 19 chapter in Title 82 RCW.

20 <u>NEW SECTION.</u> Sec. 403. Part II of this act is exempt from the 21 provisions of RCW 82.32.805 and 82.32.808.

22 <u>NEW SECTION.</u> Sec. 404. Except where explicitly stated 23 otherwise, nothing in this act limits the authority of any state 24 agency as it existed prior to the effective date of this section.

25 <u>NEW SECTION.</u> Sec. 405. If any provision of this act or its 26 application to any person or circumstance is held invalid, the 27 remainder of the act or the application of the provision to other 28 persons or circumstances is not affected.

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