HB 3250-1 (LC 3611) 4/14/15 (MAM/ps)

PROPOSED AMENDMENTS TO HOUSE BILL 3250

On page 1 of the printed bill, line 2, after "protection;" insert, "creating new provisions; amending ORS 184.889, 468A.235, 468A.240, 468A.250 and 468A.260 and section 9, chapter 751, Oregon Laws 2009; repealing ORS 468A.205;".

5 Delete lines 4 through 27 and delete pages 2 through 4 and insert:

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"CLIMATE PROTECTION ACT

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9 "SECTION 1. Sections 2 to 7 of this 2015 Act shall be known and
10 may be cited as the Climate Protection Act.

11 "SECTION 2. The Legislative Assembly finds and declares that:

"(1) The effects of climate change caused by greenhouse gas emissions threaten to have significant detrimental impacts on public health and the economic vitality, natural resources and environment of this state. Climate change will have impacts on fresh water resources, industry, agriculture, forest resources, marine ecosystems and human health.

"(2) The effects of climate change are beginning, and significant
 actions are required to reduce emissions and prevent or mitigate the
 effects of climate change.

"(3) In the absence of effective national engagement, it is the responsibility of the individual states, deemed to be the laboratories of 1 process, to take action to address climate change.

2 "(4) By exercising a leadership role in addressing climate change, 3 Oregon will position its economy to benefit from the national and 4 international efforts that must occur to reduce greenhouse gas emis-5 sions and will encourage other states, the federal government and the 6 international community to act. It is therefore the intent of the Leg-7 islative Assembly to reduce greenhouse gas emissions through legally 8 binding regulatory mechanisms.

"(5) A phased-in cap-and-dividend program established pursuant to 9 sections 2 to 7 of this 2015 Act will set a clear limit on greenhouse gas 10 emissions, send a market signal to reduce emissions, will be revenue 11 neutral, will stimulate investment in renewable energy and energy ef-12 ficiency, will help position Oregon businesses to lead and benefit from 13 the inevitable transition away from fossil fuels and, by providing for 14 an equal annual dividend to Oregon taxpayers and their dependents, 15 will ensure that Oregon households can afford the energy they need 16 while stimulating the economy. 17

18 "SECTION 3. As used in sections 2 to 7 of this 2015 Act:

"(1) 'Allowance' means an authorization, issued by this state, to
 emit one ton of a greenhouse gas during a specified year as measured
 in carbon dioxide equivalent.

"(2) 'Carbon dioxide equivalent' means the quantity of a given
 greenhouse gas multiplied by a global warming potential factor.

"(3) 'Global warming potential factor' means the radiative forcing impact of one ton of a given greenhouse gas relative to an equivalent unit of carbon dioxide over a 100-year period, as reflected in units of carbon dioxide.

"(4) 'Greenhouse gas' has the meaning given that term in ORS
468A.210.

30 "(5) 'Offset' means a reduction in emissions of one ton of a

HB 3250-1 4/14/15 Proposed Amendments to HB 3250 greenhouse gas, as measured in carbon dioxide equivalent, that is not subject to the greenhouse gas cap-and-dividend program and that is used to offset greenhouse gas emissions subject to the cap-anddividend program.

5 "(6) 'Source' means any source, or category of sources, of 6 greenhouse gas emissions that emits greenhouse gases at a level of 7 significance such that the Environmental Quality Commission deter-8 mines that participation by the source in the program established by 9 rule under section 4 of this 2015 Act will contribute to statewide 10 greenhouse gas emissions reductions.

11 "(7) 'Statewide greenhouse gas emissions' means the total annual 12 emissions of greenhouse gases in this state, expressed in tons of car-13 bon dioxide and carbon dioxide equivalents, and all emissions of 14 greenhouse gases from the generation of electricity generated outside 15 this state and delivered to and consumed in this state, accounting for 16 transmission and distribution line losses.

17 "SECTION 4. (1) The Environmental Quality Commission shall, af-18 ter consulting with the Department of Environmental Quality, adopt 19 by rule a greenhouse gas cap-and-dividend program to reduce state-20 wide greenhouse gas emissions in an amount not to exceed the fol-21 lowing benchmarks:

"(a) By 2020, achieve statewide greenhouse gas emissions levels that
 are equal to 1990 levels.

"(b) By 2030, achieve statewide greenhouse gas emissions levels that
 are 40 percent below 1990 levels.

"(c) By 2050, achieve statewide greenhouse gas emissions levels that
 are 85 percent below 1990 levels.

"(2) The commission shall adopt interim five-year statewide
 greenhouse gas emissions limits consistent with the greenhouse gas
 emissions reductions necessary to meet the limits for the years 2030

1 and 2050 as adopted under subsection (1) of this section.

"(3) The commission may adjust the statewide greenhouse gas
emissions limits adopted under this section as necessary to achieve
goals consistent with best available science.

5 "(4) The greenhouse gas cap-and-dividend program shall include,
6 but not be limited to:

7 "(a) A declining cap on statewide greenhouse gas emissions from:

8 "(A) Sources located in this state as specified by the commission;

9 "(B) The generation and transmission of electricity used within this
10 state; and

11 "(C) The combustion of fuel within this state;

12 "(b) A requirement that, beginning January 1, 2018, the following 13 persons retire allowances or offsets equal to statewide greenhouse gas 14 emissions subject to the cap established under paragraph (a) of this 15 subsection that the commission determines are attributable to such 16 persons:

"(A) The owner or operator of a source specified by the commission
 pursuant to paragraph (a)(A) of this subsection;

"(B) The importer, seller, deliverer or distributor of electricity for
 use in this state; and

21 "(C) The importer, seller, deliverer or distributor of fuel for use in 22 this state;

"(c) Procedures for the trading and retirement of allowances and
 offsets;

²⁵ "(d) Requirements for record keeping and compliance reporting;

"(e) Requirements for third-party verification of greenhouse gas
 emissions;

"(f) Procedures for the commission to auction allowances to persons
listed under paragraph (b) of this subsection in the manner provided
for under section 5 of this 2015 Act;

HB 3250-1 4/14/15 Proposed Amendments to HB 3250 1 "(g) Procedures, protocols and limitations for the generation and 2 retirement of offsets; and

"(h) In addition to any other penalty provided by law, a requirement that any person that fails to retire allowances or offsets equal to its greenhouse gas emissions pursuant to paragraph (b) of this subsection must retire additional allowances for excess greenhouse gas emissions.

"(5) In adopting rules pursuant to this section, the commission
8 shall consider:

9 "(a) Establishing applicability thresholds, exemptions and deferrals
 10 concerning the greenhouse gas cap-and-dividend system;

11 "(b) Including greenhouse gas emissions from the production, 12 transportation, storage and combustion of fuel used within this state 13 in the emissions subject to the cap under subsection (1) of this section, 14 including but not limited to:

"(A) Emissions from electricity and other fuel that is produced
 outside of this state;

"(B) A best estimate of methane emissions due to leaks or other
 unintended or irregular releases of gases at the wellhead during the
 production of oil and natural gas; and

"(C) Life cycle emissions associated with biofuels production other than biofuel production from forest waste or landfill gas, including but not limited to emissions due to the use of fertilizers and irrigation and changes in land use practices;

24 "(c) Adopting criteria and procedures to certify providers of third 25 party verification services for greenhouse gas emissions;

"(d) Authorizing the department to set additional annual emissions
 goals by economic sector as a method for minimizing the cost of
 compliance without diminishing the overall emissions reductions
 achieved by the program; and

30 "(e) Establishing limits on the trading of allowances and offsets as

1 part of the program.

2 "(6) The department shall administer the greenhouse gas cap-and3 dividend program.

"SECTION 5. (1) The Department of Revenue shall, in cooperation 4 with the Department of Environmental Quality, conduct an auction $\mathbf{5}$ of the allowances provided for by rule under section 4 of this 2015 Act. 6 The Department of Revenue may conduct the auction in the manner 7 that it determines is best suited to maximize the return to the state 8 on the sale of allowances in subsequent auctions. The Department of 9 Revenue shall announce a reserve bid prior to conducting the auction. 10 The reserve amount shall be at least 95 percent of the total amount 11 of the allowance. Moneys necessary to reimburse the Department of 12Revenue for the actual costs incurred by the department in adminis-13 tering an auction, not to exceed 0.25 percent of auction proceeds, are 14 continuously appropriated to the department. The Department of 15Revenue shall deposit net receipts from the auction required under 16 this section in the suspense account provided for under section 6 of 17 this 2015 Act. 18

"(2) The Environmental Quality Commission, after consultation with the Department of Revenue, shall adopt rules in order to ensure that the auction provided for under this section meets the requirements and goals of the cap-and-dividend program provided for under section 4 of this 2015 Act.

²⁴ "<u>SECTION 6.</u> (1) Moneys received by the Department of Revenue ²⁵ pursuant to the auction provided for under section 5 of this 2015 Act ²⁶ shall be deposited in a suspense account created pursuant to ORS ²⁷ 293.445. After the payment of the costs of the Department of Revenue ²⁸ and the Department of Environmental Quality for the implementation ²⁹ and enforcement of sections 2 to 7 of this 2015 Act and repayment of ³⁰ any funds borrowed to initiate implementation and enforcement of sections 2 to 7 of this 2015 Act, moneys in that account shall be
 transferred to the Pollution Refund Credit Trust Fund established in
 section 7 of this 2015 Act.

"(2) On or after September 1, but not later than September 30, of
each year, all but \$50 million of the Pollution Refund Credit Trust
Fund shall be distributed in equal shares to all persons who are:

7 "(a) Taxpayers who filed an Oregon personal income tax return for
8 the immediately preceding tax year; or

"(b) Dependents who are 18 years of age or younger and residing in
this state, claimed by taxpayers who filed an Oregon personal income
tax return for the immediately preceding tax year.

"(3) Distributions required under this section shall be issued in the
 same manner as refunds are made under ORS 314.415.

¹⁴ "<u>SECTION 7.</u> The Pollution Refund Credit Trust Fund is established ¹⁵ in the State Treasury, separate and distinct from the General Fund. ¹⁶ Interest earned by the Pollution Refund Credit Trust Fund shall be ¹⁷ credited to the fund. Moneys in the fund are continuously appropriated ¹⁸ to the Department of Revenue for the payment of distributions as ¹⁹ provided in section 6 of this 2015 Act.

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"REPEAL OF ORS 468A.205 AND CONFORMING AMENDMENTS

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²³ "SECTION 8. ORS 468A.205 is repealed."

²⁴ "SECTION 9. ORS 184.889 is amended to read:

²⁵ "184.889. (1) The Oregon Transportation Commission, after consultation ²⁶ with and in cooperation with metropolitan planning organizations, other ²⁷ state agencies, local governments and stakeholders, as a part of the state ²⁸ transportation policy developed and maintained under ORS 184.618, shall ²⁹ adopt a statewide transportation strategy on greenhouse gas emissions to aid ³⁰ in achieving [*the*] greenhouse gas emissions [*reduction goals*] **consistent**

HB 3250-1 4/14/15 Proposed Amendments to HB 3250 with the benchmarks set forth in [ORS 468A.205] section 4 of this 2015
Act. The commission shall focus on reducing greenhouse gas emissions resulting from transportation. In developing the strategy, the commission shall
take into account state and federal programs, policies and incentives related
to reducing greenhouse gas emissions.

6 "(2) The commission shall actively solicit public review and comment in 7 the development of the strategy.

8 "SECTION 10. ORS 468A.235 is amended to read:

"468A.235. The Oregon Global Warming Commission shall recommend 9 ways to coordinate state and local efforts to reduce greenhouse gas emissions 10 in Oregon consistent with the **benchmarks on** greenhouse gas emissions 11 [reduction goals] established by [ORS 468A.205] section 4 of this 2015 Act 12and shall recommend efforts to help Oregon prepare for the effects of global 13 warming. The Office of the Governor and state agencies working on multi-14 state and regional efforts to reduce greenhouse gas emissions shall inform 15the commission about these efforts and shall consider input from the com-16 mission for such efforts. 17

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"SECTION 11. ORS 468A.240 is amended to read:

"468A.240. (1) In furtherance of the greenhouse gas emissions [reduction 19 goals] benchmarks established by [ORS 468A.205] section 4 of this 2015 20Act, the Oregon Global Warming Commission may recommend statutory and 21administrative changes, policy measures and other recommendations to be 22carried out by state and local governments, businesses, nonprofit organiza-23tions or residents. In developing its recommendations, the commission shall 24consider economic, environmental, health and social costs, and the risks and 25benefits of alternative strategies, including least-cost options. The commis-26sion shall solicit and consider public comment relating to statutory, admin-27istrative or policy recommendations. 28

29 "(2) The commission shall examine greenhouse gas cap-and-trade systems, 30 including a statewide and multistate carbon cap-and-trade system and market-based mechanisms, as a means of achieving the greenhouse gas
emissions [*reduction goals*] benchmarks established by [ORS 468A.205]
section 4 of this 2015 Act.

"(3) The commission shall examine possible funding mechanisms to obtain
low-cost greenhouse gas emissions reductions and energy efficiency enhancements, including but not limited to those in the natural gas industry.

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"SECTION 12. ORS 468A.250 is amended to read:

8 "468A.250. (1) The Oregon Global Warming Commission shall track and
9 evaluate:

"(a) Economic, environmental, health and social assessments of global
 warming impacts on Oregon and the Pacific Northwest;

12 "(b) Existing greenhouse gas emissions reduction policies and measures;

"(c) Economic, environmental, health and social costs, and the risks and
benefits of alternative strategies, including least-cost options;

¹⁵ "(d) The physical science of global warming;

"(e) Progress toward preventing exceedance of the greenhouse gas
emissions [*reduction goals*] benchmarks established by [ORS 468A.205]
section 4 of this 2015 Act;

"(f) Greenhouse gases emitted by various sectors of the state economy, including but not limited to industrial, transportation and utility sectors;

"(g) Technological progress on sources of energy the use of which gener-22 ates no or low greenhouse gas emissions and methods for carbon 23 sequestration;

"(h) Efforts to identify the greenhouse gas emissions attributable to the
 residential and commercial building sectors;

"(i) The carbon sequestration potential of Oregon's forests, alternative methods of forest management that can increase carbon sequestration and reduce the loss of carbon sequestration to wildfire, changes in the mortality and distribution of tree and other plant species and the extent to which carbon is stored in tree-based building materials; 1 "(j) The advancement of regional, national and international policies to 2 reduce greenhouse gas emissions;

"(k) Local and regional efforts to prepare for the effects of global warming; and

5 "(L) Any other information, policies or analyses that the commission de-6 termines will aid in the achievement of the greenhouse gas emissions [*re-*7 *duction goals*] benchmarks established by [*ORS 468A.205*] section 4 of this 8 **2015 Act**.

9 "(2) The commission shall:

"(a) Work with the State Department of Energy and the Department of Environmental Quality to evaluate all gases with the potential to be greenhouse gases and to determine a carbon dioxide equivalency for those gases; and

"(b) Use regional and national baseline studies of building performance
 to identify incremental targets for the reduction of greenhouse gas emissions
 attributable to residential and commercial building construction and oper ations.

18 "SECTION 13. ORS 468A.260 is amended to read:

"468A.260. The Oregon Global Warming Commission shall submit a report 19 to the Legislative Assembly, in the manner provided by ORS 192.245, by 20March 31 of each odd-numbered year that describes Oregon's progress toward 21[achievement] preventing exceedance of the greenhouse gas emissions [re-22duction goals] benchmarks established by [ORS 468A.205] section 4 of this 232015 Act. The report may include relevant issues and trends of significance, 24including trends of greenhouse gas emissions, emerging public policy and 25technological advances. The report also may discuss measures the state may 26adopt to mitigate the impacts of global warming on the environment, the 27economy and the residents of Oregon and to prepare for those impacts. 28

"<u>SECTION 14.</u> Section 9, chapter 751, Oregon Laws 2009, is amended to
 read:

"Sec. 9. (1) The Public Utility Commission shall develop estimates of the 1 rate impacts for electric companies and natural gas companies to meet the $\mathbf{2}$ following alternative greenhouse gas emission reduction goals for 2020: 3 "(a) Ten percent below 1990 levels, as specified in [ORS 468A.205] section 4 4 of this 2015 Act; and $\mathbf{5}$ "(b) Fifteen percent below 2005 levels." 6 "(2) The commission shall submit a report presenting the estimates and 7 explaining the analysis used to develop the estimates to the appropriate in-8 terim committee of the Legislative Assembly prior to November 1 of each 9 even-numbered year. 10 11 **"OPERATIVE DATE** 1213 "SECTION 15. (1) Sections 1 to 7 of this 2015 Act, the repeal of ORS 14 468A.205 by section 8 of this 2015 Act and the amendments to ORS 15184.889, 468A.235, 468A.240, 468A.250 and 468A.260 and section 9, chapter 16 751, Oregon Laws 2009, by sections 9 to 14 of this 2015 Act become op-17 erative on January 1, 2017. 18 "(2) The Environmental Quality Commission shall, no later than 19 December 31, 2016, adopt rules necessary to ensure that a greenhouse 20gas cap-and-dividend program pursuant to sections 4 and 5 of this 2015 21Act will be implemented on the operative date specified in subsection 22(1) of this section. 23"SECTION 16. (1) In addition to and not in lieu of any other ap-24propriation, there is appropriated to the Department of Revenue for 25the biennium beginning July 1, 2015, out of the General Fund, the 26amount of \$_____, which may be expended for the purpose of funding 27the first year of administration of the auction imposed under section 285 of this 2015 Act. 29 "(2) In addition to and not in lieu of any other appropriation, there 30 HB 3250-1 4/14/15 Proposed Amendments to HB 3250 Page 11

is appropriated to the Environmental Quality Commission, for the
biennium beginning July 1, 2015, out of the General Fund, the amount
of \$______, which may be expended for the purpose of assisting the
commission in establishing the cap-and-dividend program provided for
under sections 4 and 5 of this 2015 Act.

"UNIT CAPTIONS

9 "SECTION 17. The unit captions used in this 2015 Act are provided 10 only for the convenience of the reader and do not become part of the 11 statutory law of this state or express any legislative intent in the 12 enactment of this 2015 Act.

"SECTION 18. This 2015 Act takes effect on the 91st day after the
 date on which the 2015 regular session of the Seventy-eighth Legisla tive Assembly adjourns sine die.".

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