SB 1530-A60 (LC 19) 2/20/20 (MAM/ps)

Requested by Representative SMITH DB

PROPOSED AMENDMENTS TO SENATE BILL 1530

On page 1 of the printed bill, line 2, after "ORS" delete the rest of the 1 line and delete lines 3 through 7 and insert "184.617, 283.398, 283.401, 2 468A.205, 468A.235, 468A.240, 468A.250, 468A.260 and 757.357; and prescribing 3 an effective date.". 4 Delete lines 9 through 12 and delete pages 2 through 94 and insert: 5 6 **"STATEWIDE GREENHOUSE GAS EMISSIONS** 7 **REDUCTION GOALS** 8 9 "SECTION 1. ORS 468A.205 is amended to read: 10 "468A.205. (1) The Legislative Assembly declares that it is the [policy] 11 goal of this state to achieve a reduction in per capita anthropogenic 12 greenhouse gas emissions levels in Oregon to equal net zero per capita 13anthropogenic greenhouse gas emissions by the year 2050. [reduce 14 greenhouse gas emissions in Oregon pursuant to the following greenhouse gas 15emissions reduction goals:] 16 "[(a) By 2010, arrest the growth of Oregon's greenhouse gas emissions and 17 begin to reduce greenhouse gas emissions.] 18 "[(b) By 2020, achieve greenhouse gas levels that are 10 percent below 1990 19 levels. 20 "[(c) By 2050, achieve greenhouse gas levels that are at least 75 percent 21

1 below 1990 levels.]

"(2) The Department of Environmental Quality shall annually assess the state's progress toward achievement of the goal set forth in subsection (1) of this section. In calculating per capita anthropogenic greenhouse gas emissions for purposes of assessing achievement of the goal, the department shall include in the calculation the net sequestration of carbon dioxide in Oregon by natural and working lands, as defined in section 2 of this 2020 Act.

9 "[(2)] (3) The Legislative Assembly declares that it is the policy of this 10 state for state and local governments, businesses, nonprofit organizations 11 and individual residents to prepare for the effects of global warming and by 12 doing so, prevent and reduce the social, economic and environmental effects 13 of global warming.

"[(3)] (4) This section does not create any additional regulatory authority for an agency of the executive department as defined in ORS 174.112.

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"OREGON CARBON OFFSETS PROGRAM

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"SECTION 2. (1) As used in this section and section 3 of this 2020
Act:

"(a) 'Natural and working lands' means lands and waters, including
Indian trust lands, lands within the boundaries of the reservation of
an Indian tribe or lands otherwise owned by an Indian tribe, that are:
"(A) Actively used by an agricultural owner or operator for an agricultural operation that includes, but need not be limited to, active
engagement in farming or ranching;

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"(B) Producing forest products;

"(C) Consisting of forests, woodlands, grasslands, sagebrush
 steppes, deserts, freshwater and riparian systems, wetlands, coastal
 and estuarine areas, the submerged and submersible lands within

Oregon's territorial sea, watersheds, wildlands or wildlife habitats; or (D) Used for recreational purposes, such as parks, urban and community forests, trails, greenbelts and other similar open space land.

5 "(b) 'Offset credit' means a fungible credit that represents a 6 greenhouse gas emissions reduction or removal of one metric ton of 7 carbon dioxide or carbon dioxide equivalent.

8 "(2) The Department of Environmental Quality, in consultation 9 with the State Department of Agriculture, the State Forestry Depart-10 ment, the Oregon Watershed Enhancement Board and any other rele-11 vant state agencies, shall adopt by rule an Oregon carbon offset 12 program.

13 "(3) The purpose of the program shall be to market, register, 14 transfer or sell offset credits generated through greenhouse gas emis-15 sions reductions or removals in Oregon that result in the reduction 16 of per capita anthropogenic greenhouse gas emissions levels in Oregon 17 to levels that are lower than the goal set forth in ORS 468A.205.

"(4) In establishing the program, the Department of Environmental
 Quality may:

"(a) Execute any contracts or agreements necessary to create op portunities for the marketability of offset credits; and

"(b) Negotiate prices that are at, or greater than, fair market value
for the transfer or sale of offset credits.

"(5) Moneys received by the Department of Environmental Quality through the sale of offset credits under the program shall be paid to the department and deposited with the State Treasurer in the Oregon Carbon Offset Program Fund established under section 3 of this 2020 Act.

"<u>SECTION 3.</u> (1) The Oregon Carbon Offset Program Fund is es tablished in the State Treasury, separate and distinct from the General

Fund. Interest earned by the Oregon Carbon Offset Program Fund shall be credited to the fund. Moneys in the fund are continuously appropriated to the Department of Environmental Quality to be used as provided for under subsection (3) of this section.

5 "(2) The fund shall consist of moneys deposited into the fund pur6 suant to section 2 of this 2020 Act.

7 "(3) The department shall use moneys in the fund to provide grants
8 and loans for:

9 "(a) Projects to increase the carbon sequestration potential of na10 tural and working lands in Oregon; and

"(b) Projects relating to the research, development and deployment
 of carbon capture and sequestration technologies.

"(4) The department shall adopt by rule a grant and loan program
 to carry out the purposes set forth in subsection (3) of this section.

"(5) The department shall provide a biennial report to the interim
 committee of the Legislative Assembly related to environment and
 natural resources on grants and loans issued from the fund.

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"CONFORMING AMENDMENTS

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²¹ "SECTION 4. ORS 184.617 is amended to read:

²² "184.617. (1) The Oregon Transportation Commission shall:

"(a) Establish the policies for the operation of the Department of Transportation in a manner consistent with the policies and purposes of ORS
184.610 to 184.665.

"(b) Develop and maintain state transportation policies, including but not limited to policies related to the management, construction and maintenance of highways and other transportation systems in Oregon, including but not limited to aviation, ports and rail.

30 "(c) Develop and maintain a comprehensive, 20-year long-range plan for

a safe, multimodal transportation system for the state which encompasses
economic efficiency, orderly economic development and environmental quality. The comprehensive, long-range plan:

"(A) Must include, but not be limited to, aviation, highways, mass transit,
ports, rails and waterways; and

6 "(B) Must be used by all agencies and officers to guide and coordinate 7 transportation activities and to ensure transportation planning utilizes the 8 potential of all existing and developing modes of transportation.

"(d) In coordination with the State Marine Board, the Oregon Business 9 Development Department, the State Aviation Board, cities, counties, mass 10 transit districts organized under ORS 267.010 to 267.394 and transportation 11 districts organized under ORS 267.510 to 267.650, develop plans for each mode 12 of transportation and multimodal plans for the movement of people and 13 freight. Subject to paragraph (c) of this subsection, the plans must include 14 a list of projects needed to maintain and develop the transportation 15infrastructure of this state for at least 20 years in the future. 16

"(e) For the plans developed under paragraph (d) of this subsection, in-17 clude a list of projects for at least 20 years into the future that are capable 18 of being accomplished using the resources reasonably expected to be avail-19 able. As the plans are developed by the commission, the Director of Trans-20portation shall prepare and submit implementation programs to the 21commission for approval. Work approved by the commission to carry out the 22plans shall be assigned to the appropriate unit of the Department of Trans-23portation or other appropriate public body, as defined in ORS 174.109. 24

25 "(f) Initiate studies, as it deems necessary, to guide the director concern-26 ing the transportation needs of Oregon.

"(g) Prescribe the administrative practices followed by the director in the
performance of any duty imposed on the director by law.

29 "(h) Seek to enter into intergovernmental agreements with local govern-30 ments and local service districts, as those terms are defined in ORS 174.116, to encourage cooperation between the department and local governments and
local service districts to maximize the efficiency of transportation systems
in Oregon.

4 "(i) Review and approve the department's:

5 "(A) Proposed transportation projects, as described in the Statewide 6 Transportation Improvement Program, and any significant transportation 7 project modifications, as determined by the commission;

8 "(B) Proposed budget form prior to the department submitting the form
9 to the Oregon Department of Administrative Services under ORS 291.208;

10 "(C) Anticipated capital construction requirements;

11 "(D) Construction priorities; and

¹² "(E) Selection, vacation or abandonment of state highways.

"(j) Adopt a statewide transportation strategy on greenhouse gas emis-13 sions to aid in achieving the greenhouse gas emissions reduction [goals] goal 14 set forth in ORS 468A.205. The commission shall focus on reducing 15greenhouse gas emissions resulting from transportation. In developing the 16 strategy, the commission shall consider state and federal programs, policies 17 and incentives related to reducing greenhouse gas emissions. The commission 18 shall consult and cooperate with metropolitan planning organizations, other 19 state agencies, local governments and stakeholders and shall actively solicit 20public review and comment in the development of the strategy. 21

²² "(k) Perform any other duty vested in it by law.

"(2) The commission has general power to take any action necessary to coordinate and administer programs relating to highways, motor carriers, motor vehicles, public transit, rail, transportation safety and such other programs related to transportation.

"(3) The commission may require the director to furnish whatever reports,
statistics, information or assistance the commission may request in order to
study the department or transportation-related issues.

30 "SECTION 5. ORS 283.398 is amended to read:

"283.398. (1) As used in this section and ORS 283.401, 'zero-emission vehicle' means a battery electric vehicle, a plug-in hybrid electric vehicle or a hydrogen fuel cell vehicle or any type of vehicle defined by the State Department of Energy or the Environmental Quality Commission by rule as a 'zero-emission vehicle' if the vehicle's type and fuel are consistent with the goals set forth in this section.

7 "(2) The Legislative Assembly finds that:

8 "(a) Motor vehicle emissions contribute significantly to air pollution in9 this state.

"(b) In 2019, the Oregon transportation sector was responsible for approximately 40 percent of this state's greenhouse gas emissions, and lightduty vehicles were responsible for more than half of the transportation sector's emissions.

"(c) Motor vehicle emissions, especially greenhouse gases, are difficult to
 reduce and will rise over time if not limited by additional laws and regu lations.

"(d) Absent significant changes in the types of motor vehicles used by
people and businesses in Oregon, the state will not meet the greenhouse gas
emissions reduction [goals] goal set forth in ORS 468A.205.

"(e) In ORS 757.357, the Legislative Assembly found that transportation electrification is necessary to reduce petroleum use, achieve optimum levels of energy efficiency and carbon reduction, meet federal and state air quality standards, meet this state's greenhouse gas emissions reduction [goals] goal set forth in ORS 468A.205 and improve the public health and safety.

"(f) Existing federal and state incentives and programs are insufficient to
transform the motor vehicle market on a timeline that will protect
Oregonians from the worst impacts of global climate change.

(g) The purchase and ownership of zero-emission vehicles can reduce the overall energy costs paid by Oregon households and the specific costs associated with meeting transportation needs. 1 "(h) A robust and well-operating market for zero-emission vehicles is es-2 sential to meeting this state's greenhouse gas emissions reduction goals.

"(i) Certain residents and communities face greater barriers to purchasing
or leasing zero-emission vehicles, and additional support and innovative solutions are necessary to ensure that all Oregon households benefit from
transportation electrification.

7 "(3) The Legislative Assembly declares the following goals:

8 "(a) Transformation of the motor vehicle market must occur no later than
9 2035.

"(b) Programs and support must be provided to accelerate Oregonians' purchase and use of zero-emission vehicles until greenhouse gas emissions from vehicles are declining at a rate consistent with this state's greenhouse gas emissions reduction [goals] goal set forth in ORS 468A.205.

"(c) The adoption and use of zero-emission vehicles must be evaluated regularly to determine whether the rate of the adoption and use of zeroemission vehicles will put the state on course to meet its greenhouse gas emissions reduction goals.

"(4) To promote acquisition and use of zero-emission vehicles, all entities
of the executive department, as defined in ORS 174.112, shall lead by example
by:

"(a) Purchasing or leasing light-duty or medium-duty zero-emission vehicles, consistent with ORS 283.327, when purchasing or leasing vehicles;

"(b) Adopting policies and rules that promote the goals set forth in thissection; and

"(c) Considering recommendations submitted in the report required by
 ORS 283.401 that relate to zero-emission vehicles and adopting the recom mendations when feasible.

²⁸ "<u>SECTION 6.</u> ORS 283.401 is amended to read:

29 "283.401. (1) On or before September 15 of each odd-numbered year, the
30 State Department of Energy shall submit to the Governor and an interim

committee of the Legislative Assembly related to the environment a report on adoption of zero-emission vehicles in this state and the progress the state is making to achieve reductions in greenhouse gas emissions in the transportation sector. The report shall provide:

"(a) A review, using existing studies, market reports, polling data or other
publicly available information, of the market in this state for zero-emission
vehicles and any barriers to adopting zero-emission vehicles in this state;

8 "(b) An assessment of the state's progress in promoting the goals set forth
9 in ORS 283.398; and

"(c) The date on which the state is predicted to meet the goals set forthin ORS 283.398.

"(2) The department may contract with third parties to assist in performing the duties described in subsection (1) of this section.

"(3) The department shall assess the state's progress under subsection (1)(b) of this section. The assessment must focus on commercially available, or near-commercially available, zero-emission vehicle technology, to the extent possible, and rely on existing studies, data and analysis. In the assessment, the department shall evaluate:

"(a) Whether the transportation sector is on course to reduce the share
of greenhouse gas emissions from motor vehicles, as defined in ORS 801.360,
consistent with the greenhouse gas emissions reduction [goals] goal set forth
in ORS 468A.205.

23 "(b) The sales figures and numbers of zero-emission vehicles that are 24 owned in Oregon, including forecasts as to whether:

²⁵ "(A) By 2020, 50,000 registered motor vehicles will be zero-emission vehi-²⁶ cles;

"(B) By 2025, at least 250,000 registered motor vehicles will be zeroemission vehicles;

"(C) By 2030, at least 25 percent of registered motor vehicles, and at least 50 percent of new motor vehicles sold annually, will be zero-emission vehi1 cles; and

"(D) By 2035, at least 90 percent of new motor vehicles sold annually will
be zero-emission vehicles.

"(c) The sales figures and numbers of zero-emission vehicles that are
owned in Oregon, differentiated, to the extent feasible, by demographic factors, including whether persons that own zero-emission vehicles reside in
urban or rural areas.

6 "(d) The availability and reliability of public and private electric vehicle 7 charging infrastructure that is needed to support the targets for zero-8 emission vehicle sales and registration identified in paragraph (b) of this 8 subsection. The department shall assess reliability under this paragraph only 9 if the department requests and obtains information on reliability from pro-9 viders of electric vehicle charging infrastructure.

"(e) The incremental purchase cost difference, before and after federal and
 state incentives, between the purchase cost of a zero-emission vehicle and the
 purchase cost of a comparable vehicle powered by an internal combustion
 engine.

18 "(f) The zero-emission vehicles that are available for purchase in all 19 market segments.

"(g) Oregonians' awareness of motor vehicle options, the benefits of
owning zero-emission vehicles and the true costs of motor vehicle ownership.
"(h) The carbon intensity of fuel consumed by the Oregon transportation
sector as a whole.

"(i) The general progress toward electrification of all fossil fuel-based
 transportation modes.

"(j) Opportunities to minimize impacts to the electric grid from transpor tation electrification, including rate design, managed charging, vehicle-to grid services and electricity conservation techniques.

29 "(k) In consultation with the Department of Transportation, the impact 30 of the sales and ownership of zero-emission vehicles on revenues that would 1 otherwise accrue to the State Highway Fund under ORS 366.505.

"(4) If the State Department of Energy determines that the state is not
on course to meet the goals set forth in ORS 283.398, the department shall
make recommendations in the report required by this section, including recommendations for legislation. Recommended legislation:

6 "(a) May not mandate required levels of motor vehicle sales.

"(b) Must promote the zero-emission vehicle market, address barriers to
adoption of zero-emission vehicles in the light-duty portion of the transportation sector, encourage transportation electrification and further the goals
set forth in ORS 283.398.

11 "SECTION 7. ORS 468A.235 is amended to read:

"468A.235. The Oregon Global Warming Commission shall recommend 12 ways to coordinate state and local efforts to reduce greenhouse gas emissions 13 in Oregon consistent with the greenhouse gas emissions reduction [goals] 14 goal established by ORS 468A.205 and shall recommend efforts to help 15Oregon prepare for the effects of global warming. The Office of the Governor 16 and state agencies working on multistate and regional efforts to reduce 17 greenhouse gas emissions shall inform the commission about these efforts 18 and shall consider input from the commission for such efforts. 19

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"SECTION 8. ORS 468A.240 is amended to read:

"468A.240. (1) In furtherance of the greenhouse gas emissions reduction 21[goals] goal established by ORS 468A.205, the Oregon Global Warming 22Commission may recommend statutory and administrative changes, policy 23measures and other recommendations to be carried out by state and local 24governments, businesses, nonprofit organizations or residents. In developing 25its recommendations, the commission shall consider economic, environ-26mental, health and social costs, and the risks and benefits of alternative 27strategies, including least-cost options. The commission shall solicit and 28consider public comment relating to statutory, administrative or policy rec-29 ommendations. 30

"(2) The commission shall examine greenhouse gas cap-and-trade systems, 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] goal established by ORS 468A.205.

5 "(3) The commission shall examine possible funding mechanisms to obtain 6 low-cost greenhouse gas emissions reductions and energy efficiency en-7 hancements, including but not limited to those in the natural gas industry.

8 "SECTION 9. ORS 468A.250 is amended to read:

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

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

13 "(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;

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

"(e) Progress toward the greenhouse gas emissions reduction [goals] goal
established by ORS 468A.205;

"(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] goal established by ORS 468A.205.

8 "(2) The commission shall:

9 "(a) Work with the State Department of Energy and the Department of 10 Environmental Quality to evaluate all gases with the potential to be 11 greenhouse gases and to determine a carbon dioxide equivalency for those 12 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.

¹⁷ "SECTION 10. ORS 468A.260 is amended to read:

"468A.260. The Oregon Global Warming Commission shall submit a report 18 to the Legislative Assembly, in the manner provided by ORS 192.245, by 19 March 31 of each odd-numbered year that describes Oregon's progress toward 20achievement of the greenhouse gas emissions reduction [goals] goal estab-21lished by ORS 468A.205. The report may include relevant issues and trends 22of significance, including trends of greenhouse gas emissions, emerging pub-23lic policy and technological advances. The report also may discuss measures 24the state may adopt to mitigate the impacts of global warming on the envi-2526 ronment, the economy and the residents of Oregon and to prepare for those impacts. 27

²⁸ "SECTION 11. ORS 757.357 is amended to read:

²⁹ "757.357. (1) As used in this section:

³⁰ "(a) 'Electric company' has the meaning given that term in ORS 757.600.

1 "(b) 'Transportation electrification' means:

"(A) The use of electricity from external sources to provide power to all
or part of a vehicle;

"(B) Programs related to developing the use of electricity for the purpose
described in subparagraph (A) of this paragraph; and

6 "(C) Infrastructure investments related to developing the use of electricity 7 for the purpose described in subparagraph (A) of this paragraph.

8 "(c) 'Vehicle' means a vehicle, vessel, train, boat or any other equipment9 that is mobile.

10 "(2) The Legislative Assembly finds and declares that:

"(a) Transportation electrification is necessary to reduce petroleum use, achieve optimum levels of energy efficiency and carbon reduction, meet federal and state air quality standards, meet this state's greenhouse gas emissions reduction [goals described] goal set forth in ORS 468A.205 and improve the public health and safety;

"(b) Widespread transportation electrification requires that electric com panies increase access to the use of electricity as a transportation fuel;

"(c) Widespread transportation electrification requires that electric com panies increase access to the use of electricity as a transportation fuel in low
 and moderate income communities;

"(d) Widespread transportation electrification should stimulate innovation 21and competition, provide consumers with increased options in the use of 22charging equipment and in procuring services from suppliers of electricity, 23attract private capital investments and create high quality jobs in this state; 24"(e) Transportation electrification and the purchase and use of electric 25vehicles should assist in managing the electrical grid, integrating generation 26from renewable energy resources and improving electric system efficiency 27and operational flexibility, including the ability of an electric company to 28integrate variable generating resources; 29

30 "(f) Deploying transportation electrification and electric vehicles creates

the opportunity for an electric company to propose, to the Public Utility
 Commission, that a net benefit for the customers of the electric company is
 attainable; and

"(g) Charging electric vehicles in a manner that provides benefits to
electrical grid management affords fuel cost savings for vehicle drivers.

6 "(3) The Public Utility Commission shall direct each electric company to 7 file applications, in a form and manner prescribed by the commission, for 8 programs to accelerate transportation electrification. A program proposed 9 by an electric company may include prudent investments in or customer re-10 bates for electric vehicle charging and related infrastructure.

"(4) When considering a transportation electrification program and determining cost recovery for investments and other expenditures related to a program proposed by an electric company under subsection (3) of this section, the commission shall consider whether the investments and other expenditures:

16 "(a) Are within the service territory of the electric company;

17 "(b) Are prudent as determined by the commission;

"(c) Are reasonably expected to be used and useful as determined by thecommission;

"(d) Are reasonably expected to enable the electric company to support
 the electric company's electrical system;

"(e) Are reasonably expected to improve the electric company's electrical
system efficiency and operational flexibility, including the ability of the
electric company to integrate variable generating resources; and

"(f) Are reasonably expected to stimulate innovation, competition and
 customer choice in electric vehicle charging and related infrastructure and
 services.

28 "(5)(a) Tariff schedules and rates allowed pursuant to subsection (3) of 29 this section:

30 "(A) May allow a return of and a return on an investment made by an

1 electric company under subsection (3) of this section; and

"(B) Shall be recovered from all customers of an electric company in a
manner that is similar to the recovery of distribution system investments.

"(b) A return on investment allowed under this subsection may be earned for a period of time that does not exceed the depreciation schedule of the investment approved by the commission. When an electric company's investment is fully depreciated, the commission may authorize the electric company to donate the electric vehicle charging infrastructure to the owner of the property on which the infrastructure is located.

"(6) For purposes of ORS 757.355, electric vehicle charging infrastructure
 provides utility service to the customers of an electric company.

"(7) In authorizing programs described in subsection (3) of this section, 12 the commission shall review data concerning current and future adoption of 13 electric vehicles and utilization of electric vehicle charging infrastructure. 14 If market barriers unrelated to the investment made by an electric company 15prevent electric vehicles from adequately utilizing available electric vehicle 16 charging infrastructure, the commission may not permit additional invest-17 ments in transportation electrification without a reasonable showing that 18 the investments would not result in long-term stranded costs recoverable 19 from the customers of electric companies. 20

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"CAPTIONS

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²⁴ "<u>SECTION 12.</u> The unit captions used in this 2020 Act are provided ²⁵ only for the convenience of the reader and do not become part of the ²⁶ statutory law of this state or express any legislative intent in the ²⁷ enactment of this 2020 Act.

"EFFECTIVE DATE

"SECTION 13. This 2020 Act takes effect on the 91st day after the
date on which the 2020 regular session of the Eightieth Legislative
Assembly adjourns sine die.".

SB 1530-A60 2/20/20 Proposed Amendments to SB 1530

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