

**PROPOSED AMENDMENTS TO
HOUSE BILL 2193**

1 On page 1 of the printed bill, delete lines 4 through 29 and delete pages
2 2 and 3 and insert:

3 **“SECTION 1. As used in sections 1 to 3 of this 2015 Act:**

4 **“(1) ‘Electric company’ means an electric company, as defined in**
5 **ORS 757.600, that makes sales of electricity to retail electricity con-**
6 **sumers in an amount that equals three percent or more of all elec-**
7 **tricity sold to retail electricity consumers.**

8 **“(2) ‘Energy storage system’ means a technology that is capable of**
9 **retaining energy, storing the energy for a period of time and delivering**
10 **the energy after storage to retail consumers.**

11 **“(3)(a) ‘Procure’ means to acquire by ownership a qualifying energy**
12 **storage system or to acquire by contract the right to use the capacity**
13 **of or the energy from a qualifying energy storage system.**

14 **“(b) ‘Procure’ includes the acquisition of ancillary services that are**
15 **related to an acquisition described in paragraph (a) of this subsection.**

16 **“(4) ‘Qualifying energy storage system’ means an energy storage**
17 **system included in a project that the Public Utility Commission au-**
18 **thorizes for development under section 3 of this 2015 Act.**

19 **“(5) ‘Retail electricity consumer’ means a retail electricity con-**
20 **sumer, as defined in ORS 757.600, that is located in this state.**

21 **“SECTION 2. (1) If authorized under section 3 (3) of this 2015 Act,**
22 **an electric company shall procure, on or before January 1, 2020, as**

1 part of a project described in section 3 of this 2015 Act, one or more
2 qualifying energy storage systems that have the capacity to store at
3 least five megawatts of electricity.

4 “(2)(a) The total capacity of qualifying energy storage systems pro-
5 cured under this section by any one electric company may not exceed
6 one percent of the electric company’s peak load for the year 2014.

7 “(b) The Public Utility Commission may waive the limit described
8 in paragraph (a) of this subsection if the commission determines, in
9 consultation with the State Department of Energy, that a qualifying
10 energy storage system is of statewide significance and one or more
11 public utilities, as defined in ORS 757.005, or consumer-owned utilities,
12 as defined in ORS 757.600, participates in procuring the qualifying en-
13 ergy storage system and shares the costs and benefits associated with
14 procuring the qualifying energy storage system.

15 “(3) An electric company may recover in the electric company’s
16 rates all costs prudently incurred by the electric company in procuring
17 one or more qualifying energy storage systems under this section, in-
18 cluding any above-market costs associated with procurement.

19 “SECTION 3. (1) Not later than January 1, 2017, the Public Utility
20 Commission shall by rule or order adopt guidelines for an electric
21 company to use in submitting a proposal under subsection (2) of this
22 section. In developing the guidelines, the commission shall:

23 “(a) Examine the potential value of energy storage system tech-
24 nology applications, including:

25 “(A) Deferred investment in generation, transmission or distrib-
26 ution of electricity;

27 “(B) Reduced need for additional generation of electricity during
28 times of peak demand;

29 “(C) Improved integration of different types of renewable resources;

30 “(D) Reduced greenhouse gas emissions;

1 **“(E) Improved reliability of electrical transmission or distribution**
2 **systems;**

3 **“(F) Reduced portfolio variable power costs; or**

4 **“(G) Any other value reasonably related to the application of energy**
5 **storage system technology.**

6 **“(b) Consider ways in which to encourage electric companies to in-**
7 **vest in different types of energy storage systems.**

8 **“(c) Consider any other factor reasonably related to the procure-**
9 **ment of qualifying energy storage systems.**

10 **“(2)(a) Not later than January 1, 2018, an electric company shall**
11 **submit one or more proposals to the commission for developing a**
12 **project that includes one or more energy storage systems.**

13 **“(b) Each proposal submitted under this subsection must include**
14 **an evaluation of the potential to store energy in the electric**
15 **company’s electric system, including an analysis of:**

16 **“(A) The electric company’s current operations and the electric**
17 **company’s electric system data, including customer-side data, distrib-**
18 **ution data, transmission data and data related to existing energy**
19 **storage systems, including any energy storage system developed as**
20 **part of a pilot or demonstration project. The analysis shall be used to**
21 **identify areas in the electric company’s electric system where there**
22 **may be opportunities to incentivize the value potentially derived from**
23 **energy storage systems.**

24 **“(B) How the addition of an energy storage system would comple-**
25 **ment proposed actions submitted pursuant to any plan submitted to**
26 **the commission in which the electric company has proposed an inte-**
27 **grated, least-cost combination of resources to meet the expected needs**
28 **of the electric company’s customers.**

29 **“(c) Each proposal submitted under this subsection also must in-**
30 **clude a description of each proposed project. The description must in-**

1 **clude:**

2 **“(A) Technical specifications for each project, including:**

3 **“(i) The capacity of the project to store energy;**

4 **“(ii) The location of the project;**

5 **“(iii) A description of the electric company’s electric system needs**
6 **and the application that the energy storage system will fulfill as the**
7 **basis for the project;**

8 **“(iv) A description of the technology necessary to construct, oper-**
9 **ate and maintain the project, including a description of any data or**
10 **communication system necessary to operate the project;**

11 **“(v) A description of the types of services that the electric company**
12 **expects the project to provide upon completion;**

13 **“(vi) An analysis of the risk that the electric company will not be**
14 **able to complete the project; and**

15 **“(vii) Any other reasonable technical specification required by the**
16 **commission pursuant to the guidelines adopted under subsection (1)**
17 **of this section.**

18 **“(B) The estimated cost of each project, including:**

19 **“(i) The estimated capital cost of the project;**

20 **“(ii) The estimated output cost of the project; and**

21 **“(iii) The amount of grant moneys available to offset the cost of the**
22 **project.**

23 **“(C) The benefits of each project to the electric company’s electric**
24 **system, including:**

25 **“(i) Projected in-state benefits to the electric system;**

26 **“(ii) Projected regional benefits to the electric system; and**

27 **“(iii) The potential benefits to the electric company’s entire electric**
28 **system if the electric company installs the energy storage system**
29 **technology that is the basis for the project system-wide.**

30 **“(D) An evaluation and comparison of the potential values from**

1 energy storage applications and the costs and benefits of each pro-
2 posed project.

3 “(d)(A) Information and analyses required to be submitted to the
4 commission under this subsection may contain critical energy
5 infrastructure information, trade secrets and other confidential re-
6 search, development or commercial information. Because proposals
7 submitted under this section will contain an electric company’s cur-
8 rent operations data and an electric company’s electric system data,
9 including customer-side data, distribution data, transmission data and
10 data related to existing energy storage systems that could be com-
11 mercially sensitive and subject to security protections and safety pro-
12 tocols, and because public disclosure of information related to an
13 electric company’s current operations data and an electric company’s
14 electric system data could provide a commercial advantage to other
15 businesses or threaten the security and safety of an electric company’s
16 electric system, the commission may not use the information for any
17 purpose other than the purposes described in this section.

18 “(B) The commission shall determine the procedures under which
19 an intervenor in any proceeding related to the implementation of this
20 section may view information described in subparagraph (A) of this
21 paragraph.

22 “(C) The commission shall adopt a protective order pursuant to
23 rules adopted by the commission to limit disclosure of information
24 described in subparagraph (A) of this paragraph.

25 “(3)(a) The commission shall consider each proposal submitted un-
26 der subsection (2) of this section and evaluate each proposal to deter-
27 mine whether the proposal:

28 “(A) Is consistent with the guidelines adopted under subsection (1)
29 of this section;

30 “(B) Reasonably balances the value for ratepayers and utility oper-

1 ations that is potentially derived from the application of energy stor-
2 age system technology and the costs of construction, operation and
3 maintenance of energy storage systems; and

4 “(C) Is in the public interest.

5 “(b) After considering the factors described in paragraph (a) of this
6 subsection, the commission may authorize an electric company to de-
7 velop one or more projects that include one or more qualifying energy
8 storage systems.

9 “(4) If authorized to develop a project under subsection (3) of this
10 section, an electric company shall develop the project in accordance
11 with any competitive bidding guidelines prescribed by the commission.

12 “SECTION 4. In the manner required by ORS 192.245, the Public
13 Utility Commission shall report on the implementation of sections 1,
14 2 and 3 of this 2015 Act to the interim committees of the Legislative
15 Assembly related to energy:

16 “(1) On or before September 15, 2016; and

17 “(2) On or before September 15, 2018.

18 “SECTION 5. This 2015 Act being necessary for the immediate
19 preservation of the public peace, health and safety, an emergency is
20 declared to exist, and this 2015 Act takes effect on its passage.”.

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