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**SUBSTITUTE HOUSE BILL 1584**

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**State of Washington**

**68th Legislature**

**2023 Regular Session**

**By** House Environment & Energy (originally sponsored by Representatives Barnard, Fitzgibbon, Dye, Donaghy, Lekanoff, Slatter, Ybarra, Couture, Fey, Ryu, Riccelli, Berry, Schmidt, Sandlin, and Timmons)

1 AN ACT Relating to planning for advanced nuclear reactor  
2 technology in Washington; amending RCW 43.21F.088; and creating a new  
3 section.

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

5 NEW SECTION. **Sec. 1.** (1) The legislature reaffirms that  
6 Washington needs to implement a comprehensive energy planning process  
7 and that the state energy strategy developed and periodically  
8 reviewed by the department of commerce is an important element of  
9 that planning responsibility. The legislature has declared that a  
10 successful state energy strategy must balance three goals:  
11 Maintaining competitive energy prices that are fair and reasonable  
12 for consumers and businesses and support our state's continued  
13 economic success; increasing competitiveness by fostering a carbon  
14 free economy and jobs through business and workforce development; and  
15 meeting the state's obligations to reduce greenhouse gas emissions.

16 (2) The legislature finds that consideration of advanced nuclear  
17 reactor technology aligns with the legislature's goals for a  
18 comprehensive energy strategy. Therefore, the legislature intends for  
19 the state energy strategy to include consideration of advanced  
20 nuclear reactor technology in Washington.

1 (3) The legislature further finds that advanced nuclear reactor  
2 technology is a nonemitting electricity generation resource that may  
3 help Washington meet its long-term emissions reduction goals for the  
4 electricity sector. The field of nuclear technology is rapidly  
5 evolving as new innovations are made, and the legislature concludes  
6 that the state should examine the various ways advanced nuclear  
7 reactor technology might support the state's energy infrastructure  
8 and economy in the future.

9 (4) Furthermore, the legislature recognizes that the safe and  
10 permanent storage of spent nuclear fuel remains unresolved after  
11 years of federal inaction. The legislative and executive branches of  
12 state government should actively advocate for congress, the federal  
13 government, and the nuclear industry to resolve this longstanding  
14 issue.

15 **Sec. 2.** RCW 43.21F.088 and 2010 c 271 s 403 are each amended to  
16 read as follows:

17 (1) The state shall use the following principles to guide  
18 development and implementation of the state's energy strategy and to  
19 meet the goals of RCW 43.21F.010:

20 (a) Pursue all cost-effective energy efficiency and conservation  
21 as the state's preferred energy resource, consistent with state law;

22 (b) Ensure that the state's energy system meets the health,  
23 welfare, and economic needs of its citizens with particular emphasis  
24 on meeting the needs of low-income and vulnerable populations;

25 (c) Maintain and enhance economic competitiveness by ensuring an  
26 affordable and reliable supply of energy resources and by supporting  
27 clean energy technology innovation, access to clean energy markets  
28 worldwide, and clean energy business and workforce development;

29 (d) Reduce dependence on fossil fuel energy sources through  
30 improved efficiency and development of ~~((cleaner energy sources, such~~  
31 ~~as))~~ bioenergy, low carbon energy sources, and ~~((natural gas))~~  
32 advanced nuclear reactor technology, and leveraging the indigenous  
33 resources of the state for the production of clean energy;

34 (e) Improve efficiency of transportation energy use through  
35 advances in vehicle technology, increased system efficiencies,  
36 development of electricity, biofuels, and other clean fuels, and  
37 regional transportation planning to improve transportation choices;

1 (f) Meet the state's statutory greenhouse gas limits and  
2 environmental requirements as the state develops and uses energy  
3 resources;

4 (g) Build on the advantage provided by the state's clean regional  
5 electrical grid by expanding and integrating additional carbon-free  
6 and carbon-neutral generation, and improving the transmission  
7 capacity serving the state;

8 (h) Make state government a model for energy efficiency, use of  
9 clean and renewable energy, and greenhouse gas-neutral operations;  
10 and

11 (i) Maintain and enhance our state's existing energy  
12 infrastructure.

13 (2) The department shall:

14 (a) During energy shortage emergencies, give priority in the  
15 allocation of energy resources to maintaining the public health,  
16 safety, and welfare of the state's citizens and industry in order to  
17 minimize adverse impacts on their physical, social, and economic  
18 well-being;

19 (b) Develop and disseminate impartial and objective energy  
20 information and analysis, while taking full advantage of the  
21 capabilities of the state's institutions of higher education,  
22 national laboratory, and other organizations with relevant expertise  
23 and analytical capabilities;

24 (c) Actively seek to maximize federal and other nonstate funding  
25 and support to the state for energy efficiency, renewable energy,  
26 emerging energy technologies, and other activities of benefit to the  
27 state's overall energy future; and

28 (d) Monitor the actions of all agencies of the state for  
29 consistent implementation of the state's energy policy including  
30 applicable statutory policies and goals relating to energy supply and  
31 use.

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