H-2144.1

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**SUBSTITUTE HOUSE BILL 1623**

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**State of Washington 67th Legislature 2022 Regular Session**

**By** House Environment & Energy (originally sponsored by Representatives Mosbrucker, Fitzgibbon, Leavitt, Ryu, Duerr, Graham, Wicks, Callan, Fey, Paul, Ramos, Wylie, Slatter, Kloba, and Harris-Talley)

AN ACT Relating to addressing the extent to which Washington residents are at risk of rolling blackouts and power supply inadequacy events; amending RCW 19.280.065; creating a new section; and providing an expiration date.

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

NEW SECTION. **Sec.**  The legislature finds that the electric grid is undergoing profound changes. Due to decreasing costs of renewable generation and policies like the clean energy transformation act, the grid is gradually evolving from one built to deliver to the customer electricity from centralized electric generation plants to one with variable energy resources like windmills and solar panels dispersed geographically across a broad landscape. As described in the 2021 Washington state energy strategy, the grid that our region is transitioning to will require greater transmission capacity and make greater use of energy storage and customer-side resources to manage the generation on the supply side.

As clean electricity replaces fossil fuels in the state's economy, the transmission and distribution infrastructure, the sticks and wires of the grid, must meet increasingly complex service requirements and loads. The changing demand includes, but is not limited to, vehicle charging, serving other specialized technology that requires high power quality, electrification of building-related end uses now served by fossil fuels, electricity deployed on the customer side of the meter through net metering, community solar programs, and the growth of demand response programs.

Further, the clean energy transformation act requires that utilities making investments in new resources after May 2019, rely on energy efficiency, demand response, renewable resources, and energy storage to the maximum extent feasible, while transitioning away from coal and natural gas-fired generation. Electric utilities are actively working to ensure resource adequacy through the development of explicit resource adequacy standards and a standardized resource adequacy program. This work is ongoing and should result in a binding and enforceable program with a robust public oversight mechanism. Understanding and addressing any energy adequacy challenges created by a deeply decarbonized grid is key to keeping the state's supply of electricity reliable.

**Sec.**  RCW 19.280.065 and 2020 c 63 s 2 are each amended to read as follows:

(1) At least once every twelve months, the department and the commission shall jointly convene a meeting of representatives of the investor-owned utilities and consumer-owned utilities, regional planning organizations, transmission operators, and other stakeholders to discuss the current, short-term, and long-term adequacy of energy resources to serve the state's electric needs, and address specific steps the utilities can take to coordinate planning in light of the significant changes to the Northwest's power system including, but not limited to, technological developments, retirements of legacy baseload power generation resources, and changes in laws and regulations affecting power supply options. The department and commission shall provide a summary of these meetings, including any specific action items, to the governor and legislature within sixty days of the meeting.

(2) In 2022, the meeting convened by the department and the commission pursuant to subsection (1) of this section must specifically address the extent to which Washington residents are at risk of rolling blackouts and power supply inadequacy events. Stakeholders must be surveyed for recommendations on policy options to prevent severe blackouts. The meeting must also focus discussion on the extent to which proposed laws and regulations seeking an aggressive timeline for building electrification and transportation system electrification may require new state policy for resource adequacy. The stakeholder meeting should seek to identify regulatory and statutory incentives to enhance and ensure resource adequacy and reliability as the clean energy transition evolves.

(3) This section expires January 1, ((~~2025~~)) 2030.

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