

Dear House Committee on Climate, Energy and Environment:

The introduced HB 2038 (R2025) requires greater comprehensiveness. Here is an amended draft for your consideration.

SECTION 1.

(1) The State Department of Energy shall issue a report on the following aspects of nuclear energy, including domestic and foreign sourcing and manufacture of materials and equipment:

- (a) Advantages and disadvantages of nuclear generation of electricity;
- (b) Feasibility of constructing nuclear power plants in Oregon with scrutiny on geologic risks, usable water availability, and financial costs
- (c) How the use of nuclear energy may help curtail the generation and release of global warming gases and particulates from combustion fuels, and support the proliferation of systems with less continuous power sources.
- (d) Economic growth and workforce development potential for Oregon communities with respect to construction, operation, decommissioning, and repository storage phases;
- (e) Safety of workers, neighboring communities, and the environment with respect to nuclear power generation and associated waste disposal and storage;
- (f) Reliability of domestic nuclear fuel and control material supply chains. Geopolitical risks of foreign nuclear material supply chains;
- (g) How the use of locally produced nuclear energy can eliminate Oregon's dependence on out of state sourced energy; and
- (h) Collaboration of Oregon University System faculty and staff with the scientists and engineers of Russia, which has the most advanced knowledge and experience in the world for thorium-based nuclear energy production.

(2) The Department shall submit a report in the manner provided by ORS 192.245, and may include recommendations for legislation, including amendments to existing legislation, to the [interim] Committee of the State House of Representatives on Climate, Energy, and Environment or its successor within 18 months of enactment of this bill.

(Section 2 is deleted since any further legislative actions will need the benefit of the report and its recommendations.)

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