



February 3, 2022

Senate Committee on Energy and Environment
Oregon State Capital
900 Court Street NE
Salem, OR 97307

Chair Lieber and Members of the Committee:

Engineers for a Sustainable Future (ESF) is a 501(c)(3) organization of engineers, scientists, students, and concerned citizens united in concerns about climate change and the development of a sustainable future. ESF members have extensive experience and expertise in many facets of the energy industry, including global oil and gas operations.

The Critical Energy Infrastructure Hub (CEI Hub) is located on the west bank of the Willamette River in Oregon's largest city, Portland. The CEI Hub contains over ninety percent of the state's fuel storage capacity (aviation, gasoline, diesel, heating oil, etc.).

The CEI Hub contains ten fuel storage facilities, concentrated along a six mile narrow strip of land. These storage facilities have the capacity to store over 400 million gallons of oil equivalent of fuels. The CEI Hub is also located within an area that has been identified as an earthquake liquefaction zone.

Liquefaction occurs when loosely packed, water saturated sediments near the ground surface lose strength in response to an earthquake. Liquefaction within the CEI Hub could cause fuel storage tanks to rupture, likely causing spills, fires, and explosions.

Any significant environmental incident within the CEI Hub could result in the loss of up to 90% of the state's fuel storage capacity. The closure of the CEI Hub from an environmental incident would cripple virtually all forms of land, marine, and air transportation in Oregon.

ESF believes SB 1567 is essential policy for the safety, environmental, and financial well-being for the state of Oregon. ESF strongly urges the Senate Committee on Energy and Environment to pass SB 1567.

Sincerely,

Mike Unger, ESF President
Robert James, ESF Vice President
Jack Kerfoot, ESF Board Member