

Good afternoon Chair Lieber and Vice-Chair Findley, it's an honor to speak with this committee. I'm Mike Harryman, your State Resilience Officer. Today I'm here to provide information on SB 1567 that addresses fuel storage seismic vulnerability at Oregon's Critical Energy Infrastructure (CEI) hub located in NW Portland, Oregon.

In February 2013, the Oregon Resilience Plan was introduced to the 77th Legislative Assembly; Chapter 6 on Energy provides a roadmap to minimize extensive direct earthquake damage, indirect loss and possible ripple effects, and substantial improvements necessary to the CEI hub.

To date I'm unaware that any seismic mitigation has been started at the site by any of the owners and/or operators, nor am I aware of any reports by the industry that highlights their efforts to address the seismic hazards facing them, the community, city, county, state and region. Besides the personal safety facing us, the environmental and economic risks of the fuel terminals are a major concern.

I've been quoted as saying the CEI Hub is our 'Achilles-heel' facing us when the Cascadia Subduction Zone unzips, I stand by this. We will see and feel a 1 – 2 – 3 punch:

- the earthquake,
- the tsunami, and
- the disaster at the CEI Hub following the rupture of the CSZ

SB 1567 has two primary components:

1. having the owners and operators of bulk oils and liquid fuel terminals conduct and submit to DEQ seismic vulnerability assessments, and
2. having ODOE develop an energy security plan. These are two big steps in addressing the seismic hazards facing the hub.

For both short- and long-term goals we would like to see the owners and operators of these fuel terminals fully implement the earthquake early warning system known as ShakeAlert. We also need to see them conduct ongoing mitigation efforts and to work with stakeholders to determine how best to diversify our entire fuel supplies so that they are not located all in one 6-mile stretch. It is critically important that our state make a plan for the development of these seismic vulnerability assessments, and the fuel storage and mitigation, so we can be better prepared for any impending natural disasters.

This concludes my remarks and I would be happy to answer any questions at this time.