

# Oregon Department of **ENERGY**

**Emergency and Security  
Programs**  
House EMGGV Committee

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# OREGON DEPARTMENT OF ENERGY

Leading Oregon to a safe, equitable, clean, and sustainable future.

## Our Mission

The Oregon Department of Energy helps Oregonians make informed decisions and maintain a resilient and affordable energy system. We advance solutions to shape an equitable clean energy transition, protect the environment and public health, and responsibly balance energy needs and impacts for current and future generations.

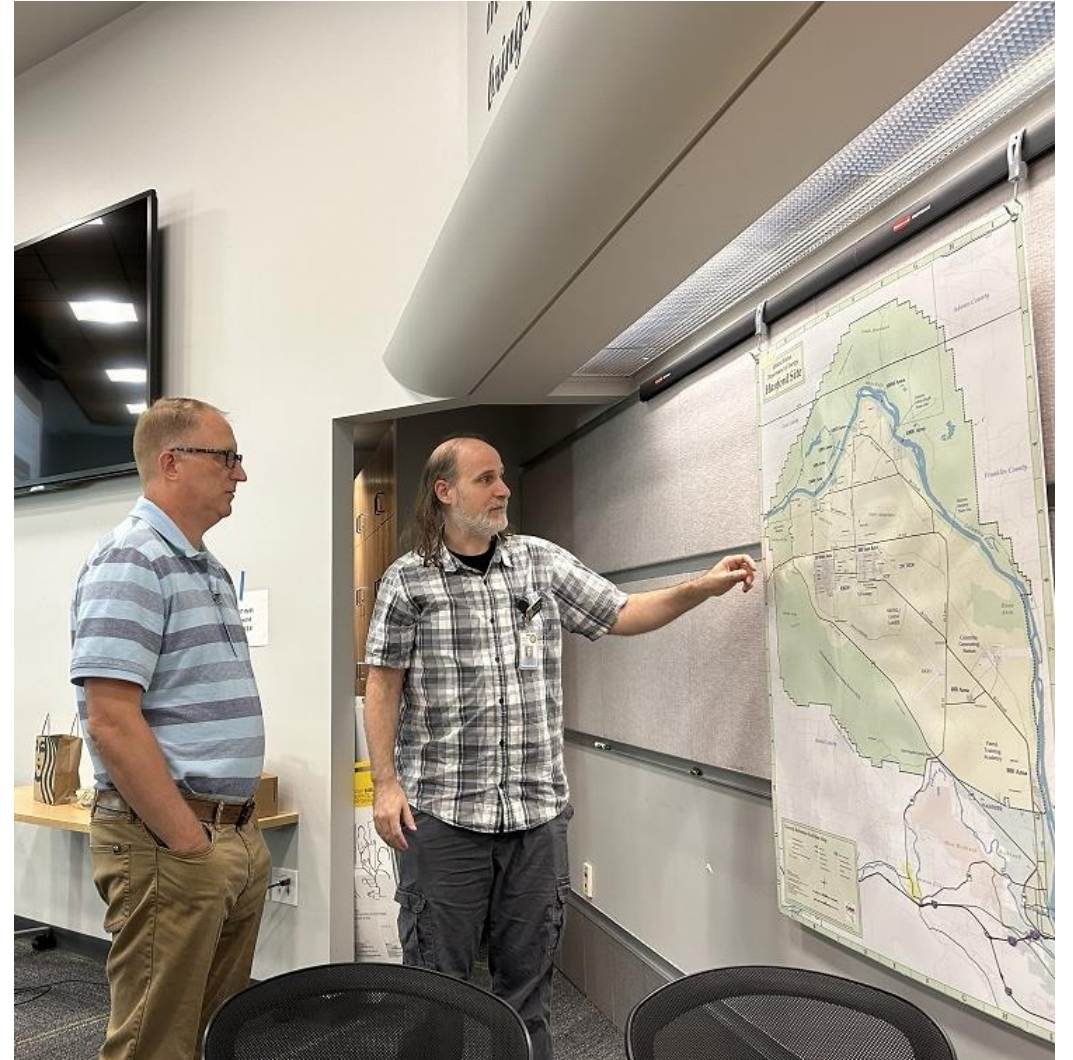
## What We Do

On behalf of Oregonians across the state, the Oregon Department of Energy achieves its mission by providing:

- A Central Repository of Energy Data, Information, and Analysis
- A Venue for Problem-Solving Oregon's Energy Challenges
- Energy Education and Technical Assistance
- Regulation and Oversight
- Energy Programs and Activities

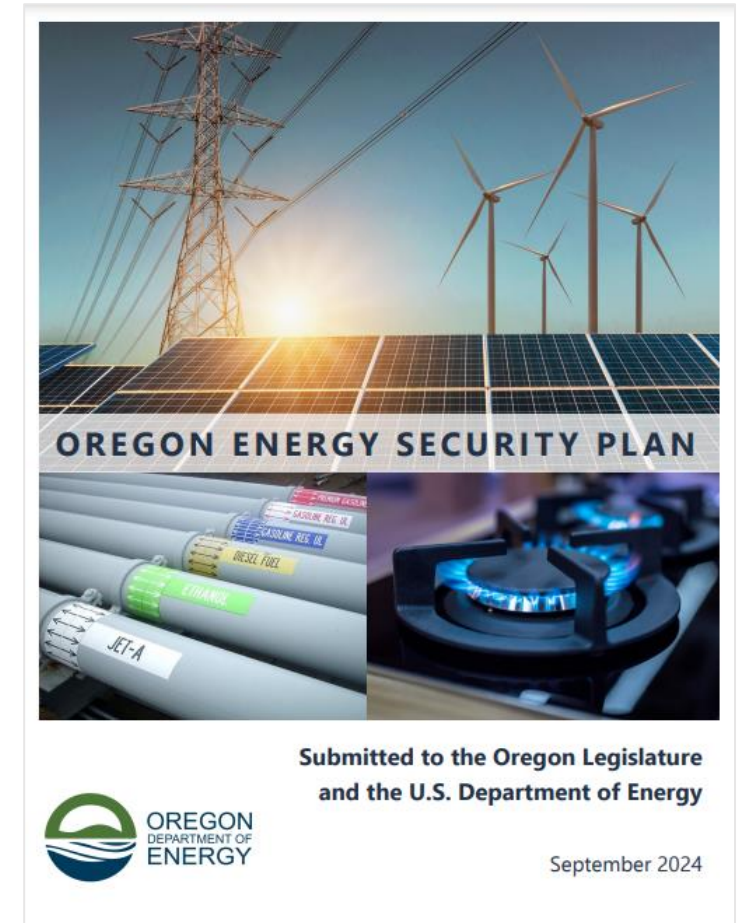
# NUCLEAR EMERGENCY PLANNING

- ODOE is the state's lead coordination agency for nuclear emergency planning and response.
- Focus on "fixed" nuclear facilities, including the Columbia Generating Station Nuclear Power Plant (near Richland, WA) and the Hanford Nuclear Site.
- CGS emergency program overseen by FEMA and NRC; highly regulated environment, including biannual FEMA-evaluated exercises.
- 2024, our program was evaluated by FEMA during a regional exercise; we received good results and recertification of our program.



# OREGON ENERGY SECURITY PLAN

- ODOE developed and delivered a [statewide Energy Security Plan](#), submitted September 30, 2024.
- The Plan includes a baseline of Oregon's energy systems, risks and threats to those systems, and concepts for future investment to mitigate and reduce risks.
- ODOE partnered with US DOE technical experts and PUC staff, and hired contractors to develop the plan.
- ODOE staff presented to Legislative Committees in December on the Plan, including highlighting specific mitigation ideas and concepts.



# ODOE: STATE EMERGENCY FUEL SUPPORT

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## ODOE is the State Emergency Support Function (ESF): Fuels

- “ESF-12 fuels” for those familiar with the emergency-planning organizational system
- Oregon PUC is lead for electricity and natural gas

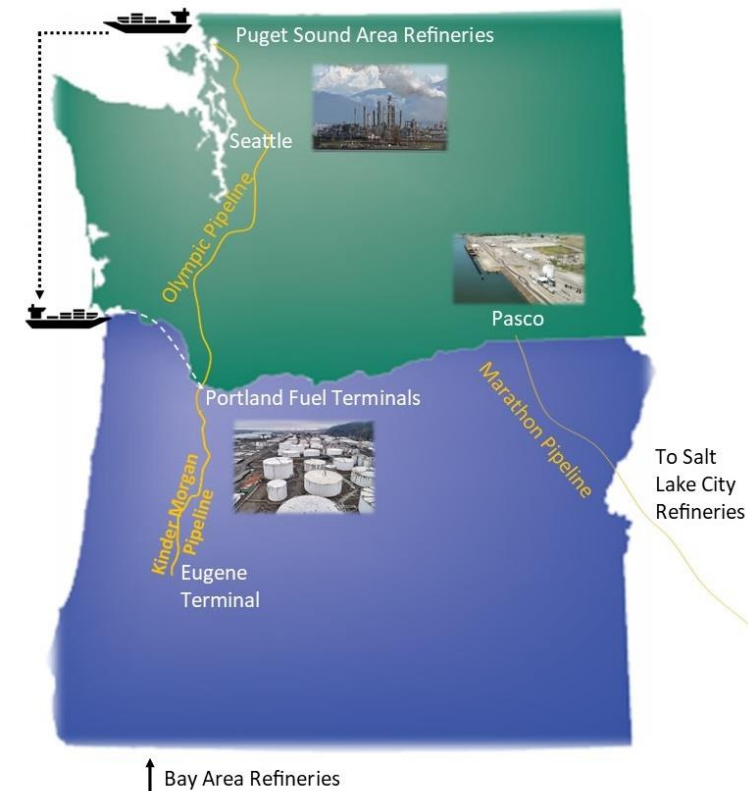
## State Declared Emergency – Management of Resources (ORS 401.188) including fuel

## Oregon Department of Energy (ODOE) Authority – (ORS 176.750-785)

- Develop and maintain a statewide contingency plan in response to petroleum shortages that affect Oregon
- Provide adequate fuel supplies to maintain emergency services, transportation, and the operation of the economy to ensure the health, safety, and welfare of Oregonians while an emergency exists

# LIQUID FUEL DISTRIBUTION “BLUE SKY DAYS”

- Approximately 90% of refined petroleum products used in Oregon originate from four major refineries in Washington
- Fuel is shipped to Oregon via the Olympic pipeline, barge, and rail
- Most of that fuel passes through the Port of Portland fuels terminals
- From there:
  - Jet fuel via pipeline to PDX
  - Gasoline and diesel via pipeline to Eugene terminal
  - Truck distribution across Oregon
- Approximately 10% of refined petroleum product used in Oregon originates from refineries in Utah near Salt Lake City
  - Pipeline to Pasco, WA, then trucked into Oregon

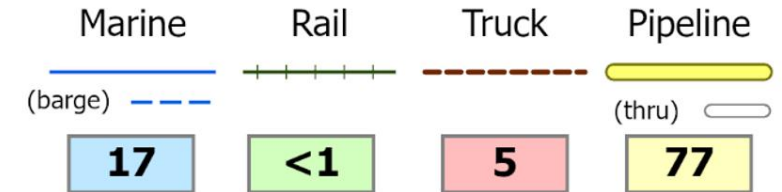


# GASOLINE INBOUND TO OREGON



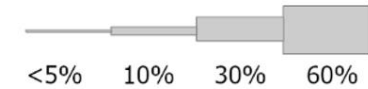
## Share by mode

(approximate - varies seasonally and year to year)



## Flow routes

Inbound flow - percent on route



Petroleum Terminals  
Destination for most inbound flow

Counties

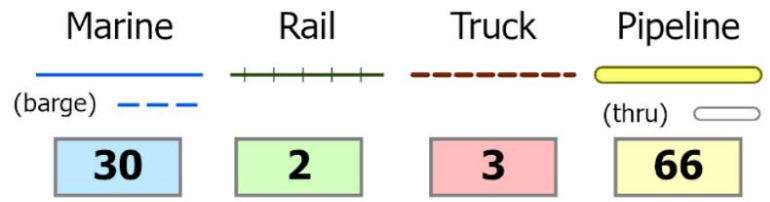
Other States

# DIESEL INBOUND TO OREGON



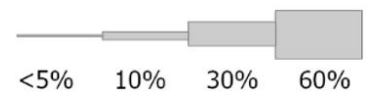
## Share by mode

(approximate - varies seasonally and year to year)



## Flow routes

Inbound flow - percent on route



**Petroleum Terminals**  
Destination for most inbound flow

**Counties**

**Other States**



# LIQUID FUEL DISTRIBUTION “BLACK SKY DAYS”

## Emergency Fuel Response

### Local and Regional Emergencies

- Extreme weather events
- Wildfires
- Other localized issues

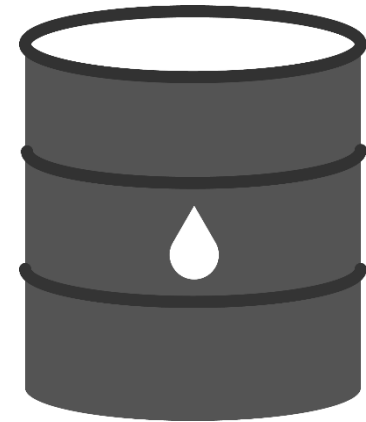
### Major Disasters

- Cascadia Subduction Zone
- Affecting the entire state or PNW

In 2022, Oregon used approximately, per day:

- Gasoline: 3.7 million gallons → 370 trucks\*
- Diesel: 2.3 million gallons → 220 trucks
- Jet Fuel: 545,000+ gallons → 54 trucks

\*A fuel tanker truck can hold 10,000 gallons on average.



5  
YEARS of SERVICE



OREGON  
DEPARTMENT OF  
ENERGY



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**For more information:**

[www.oregon.gov/energy/safety-resiliency](http://www.oregon.gov/energy/safety-resiliency)