Oregon Fuel Action Plan

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Emergency Preparedness Manager
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State Declared Emergency - Management of Resources (ORS 401.188)

- Control, restrict and regulate the use of food, feed, fuel, clothing, and other commodities, materials, goods, and services

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

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

Fuel Executive Order

- Authorizes ODOE to implement the strategies in the Oregon Fuel Action Plan in response to a Cascadia Subduction Zone Earthquake and Tsunami
Oregon Fuel Action Plan

- Identifies ODOE authority and responsibilities to control and direct the state’s overall response to petroleum emergencies
- Provides structure for federal, state, county, tribal and industry coordination
- Provides structure for fuel allocation that identifies pre-approved priority users of fuel and user responsibilities
- Identifies state and county priority lifeline routes to support fuel deliveries
- Pre-designates Fuel Points of Distribution (FPOD) for receiving emergency fuel
## Oregon Fuel Action Plan: 9 Priority Actions

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<td>- Public Information Campaign – social media</td>
<td>- Estimate timeline for repairs</td>
<td>- Assess 18 state ESFs, counties, and tribal fuel needs</td>
<td>- Issue mandatory fuel conservation measures</td>
<td>- Allocate fuel to approved state agencies, counties &amp; tribes</td>
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<td>- News conferences</td>
<td>- Provide fuel sector info &amp; status updates</td>
<td>- Determine state &amp; regional fuel priorities</td>
<td>- Odd/Even Fuel Allocation</td>
<td>- Governor’s Recovery Cabinet</td>
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<td>- Telephone Information Center</td>
<td>- Governor’s Disaster Cabinet</td>
<td>- Identify viable fuel delivery options into Oregon</td>
<td>- Fuel Request Form Provided</td>
<td>- Terminate fuel recovery activities as appropriate</td>
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**Actions 9**
- Allocate fuel to support recovery activities
- State Recovery Coordinating Team - SRF 6
- Governor’s Recovery Cabinet
- Terminate fuel recovery activities as appropriate
**Objectives/Tasks**

- Assess fuel supply availability in Oregon to support initial critical missions - prioritize statewide fuel needs.
- Work with state agencies, counties, and federally-recognized tribes to assess fuel needs.

**Facts/Assumptions**

- Significant damage to region’s communications, transportation, and power infrastructure
- State, county, and tribal response structures disrupted due to personnel injuries and loss of life.

**Constraints/Limitations**

- Timely and comprehensive assessments are contingent on the quality and level of fuel data collected by state agencies, counties, and tribes prior to a Cascadia Subduction Zone earthquake and tsunami.
- Viable road access to/from pre-identified fuel stockpiles and power to access fuel supply at fuel sites within the counties and communities.
- Communications capabilities required to convey fuel needs and priorities to ODOE.

**Gaps/Requests for Information**

**Prior to Event** - Work with state, county, and tribes to identify:

- Available in-state fuel supplies and storage capacity within each county and on tribal land – *Develop Fuel Database*.
- Fuel needs for each critical lifeline sector, county, and tribe to include a general understanding of fuel required and systems interdependencies.

**After an Event** - Implement Fuel Executive Order authorizing state, county, and tribal emergency responders to use all available in-state fuel supplies to perform initial life saving functions.
ODOE Emergency Response Structure

- 24/7 Response Capabilities
- Response Position Procedures:
  - Key objectives
  - Task checklists
  - Guidance documents
  - Reference materials

Agency Operations Center

ODOE positions in **teal** are required for full EOC activation.
(One individual can fill more than one required position if appropriate)
Devolution Plan

Projected State Work Force (1 – 3 Days)

- Coast: 80-90% unavailable
- Valley: 40-50% unavailable – ODOE Office
- Central/Eastern 20% unavailable

ODOE Devolution Plan

- If needed, transfer authority and responsibility to employees stationed or routinely working outside of Salem to ensure continuity of essential functions in the loss or incapacitation of primary staff and facilities. This includes:
  - Bend, Oregon Field Office
  - Olympia, Washington Field Office
  - Tri-Cities, Washington – Nuclear Safety Staff
**Challenge** - Allocating fuel to emergency and essential service providers in the state involves 120 state agencies, 36 counties, 240 cities, and 9 federally-recognized tribes.

**Standardized Structure** – Identifies three categories of priority fuel users:

- 18 ESF Primary State Agencies
- 36 Counties
- 9 Federally-Recognized Tribes
Priority Fuel Users: Responsibilities

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- Identify and assess fuel needs for critical missions for sector or jurisdiction of responsibility
- Know fueling location options in area of response – Refer to ODOE Fuel Database (lists all fueling locations in the state by county)
- Initial fuel source for priority fuel users.
- Pre-designate Fuel Points of Distribution in each county.
Priority Fuel Users: Align State and Local Lifeline Routes

- **State Lifeline Routes** - Guide initial repairs on the transportation, power, and communication systems to support the delivery of fuel to the impacted communities

- **County Lifeline Routes** – Counties to identify local priority routes that connect to state lifeline routes

- **Fuel Points of Distribution (FPOD)** - Pre-designate FPODs to receive emergency fuel supplies

- **Marion County Example:**
  - Identified Tier 1 priority routes connecting to state lifeline routes
  - Pre-designated 9 Fuel Points of Distribution (FPOD) to receive emergency bulk fuel supplies

ODOE has fuel data from 23 of 36 counties
**Fuel Pre-Drafted Mission Assignments**

**Fuel Testing Kits** – Test fuel quality at FPODs for water seepage and other impurities.

**Air Drops** – Transport fuel by air to FPODs until roadway transportation is viable (1,000 – 3,000 gallon capacity).

**Refuel On the Move** – Mobile fueling capabilities to support road, utility, and communications crews (5,000 – 10,000 gallon capacity).

**Bulk Tanker Drops** – Bulk fuel deliveries over land when roadways are viable (5,000 – 10,000 gallon capacity).

**Fuel Tank Farms** – Infrastructure and operational support for portable fuel tank farms (100,000 gallon capacity).
**Fuel Barges** – Store and offload fuel to support emergency response and recovery activities along the Columbia River.

**Maritime Assets** – Deliver bulk fuel and operate portable fueling points along the Oregon Coast.

**Foreign Vessels** – Lift Jones Act to allow foreign vessels to deliver bulk fuel to Oregon ports.

**Rail** – Transport, store, and offload fuel to support emergency response and recovery activities along the Columbia River and into Portland.
Lessons Learned: Federal Support

- **Fuel Purchasing Agreement** – FEMA contract allows the Defense Logistics Agency to purchase bulk fuel for military operations in support of civilian emergencies.

- **Fuel Task Force** – USDOE may convene a task force with federal, military, industry, and state(s) representatives to address fuel needs, priorities, and concerns.

- **Federal “Push” Strategy** – In catastrophic events, bulk fuel becomes a commodity that is automatically sent to the federal Incident Support Bases (ISB) established in the impacted state(s).

- **Federal ISB in Oregon** – Redmond Municipal Airport at Roberts Field in Deschutes County.