Oregon Department of **ENERGY**

Northwest Interstate Compact

Radioactive Material Transportation Fee

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50 YEARS of SERVICE
OREGON DEPARTMENT OF ENERGY

OREGON DEPARTMENT OF ENERGY

Leading Oregon to a safe, equitable, clean, and sustainable energy 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

DIVISION 60 TRANSPORTATION OF RADIOACTIVE MATERIALS: FEES

Fees Were Last Set in 1983

- OAR 345-060-0006 establishes a fee of $70 for each placarded shipment.
- An annual cap of $500 is applied to shipments of well-logging material, radiographic material, and radiopharmaceuticals.
- Shipments operating under temporary permits incur a $100 fee.

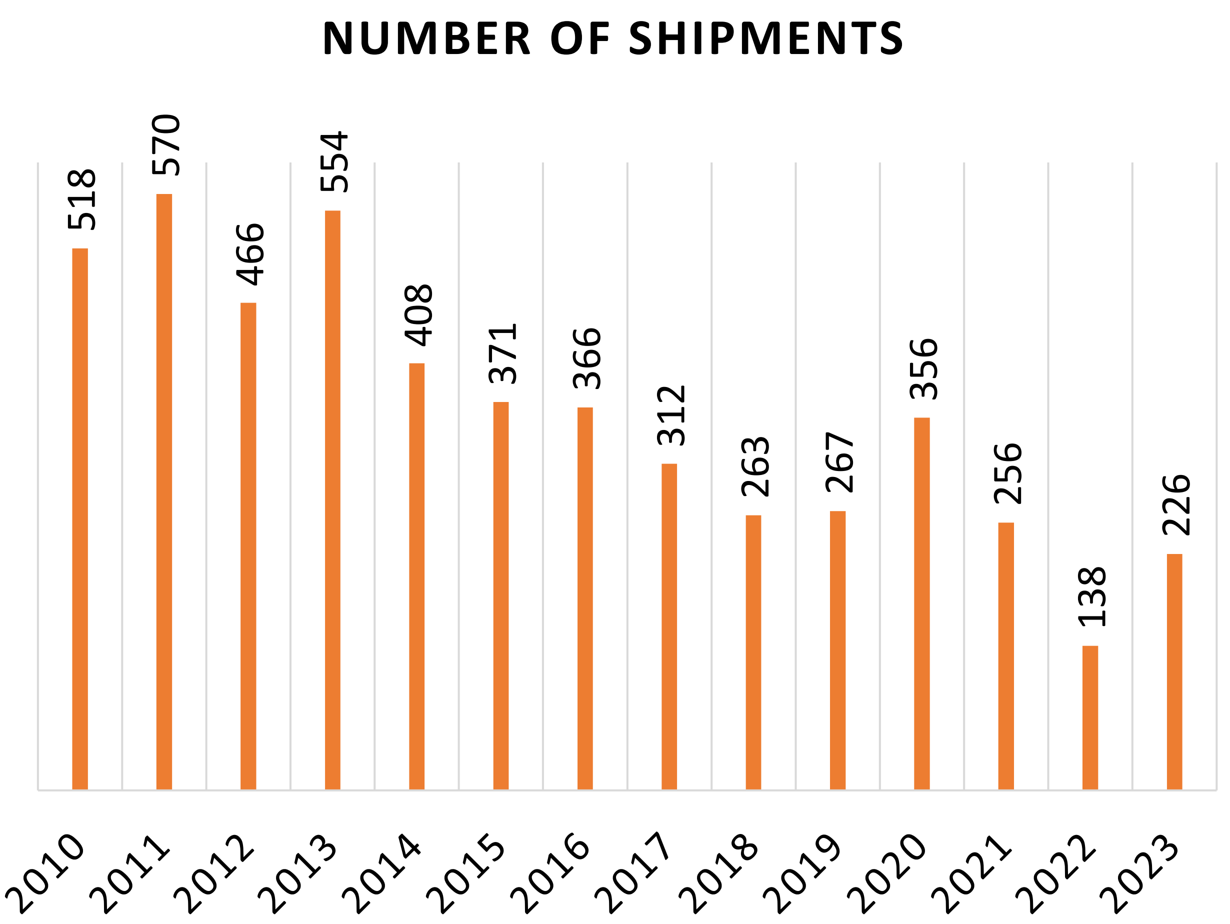
EMERGENCY RESPONDER TRAINING

- The **fees are the primary source of funding for ODOE's emergency responder training** and preparedness activities for radiological shipments.
- **ODOE helps coordinate response plans** for potential radioactive material transportation accidents, developing localized strategies for on-scene management.
- Trainings held annually or more frequently.
- One training held in Corvallis; also began trainings in Eastern Oregon with La Grande in April. Trainings conducted in partnership with Oregon Health Authority Radiation Protection Services, and Oregon State University Radiation Center.
  - **Grants provided to OHA and OSU for these services** using the transportation fee revenue.

HOW THE FEES ARE COLLECTED

Burden is on the Carriers

- Carriers bear significant responsibilities.
- Transporters must stop at the nearest Oregon Port of Entry to provide detailed shipment information, either by completing an "Oregon Radioactive Materials Shipment Report" or submitting the data electronically.
- US DOT-Placarded shipments require Oregon permits.
- ODOE invoices quarterly based on the above records.



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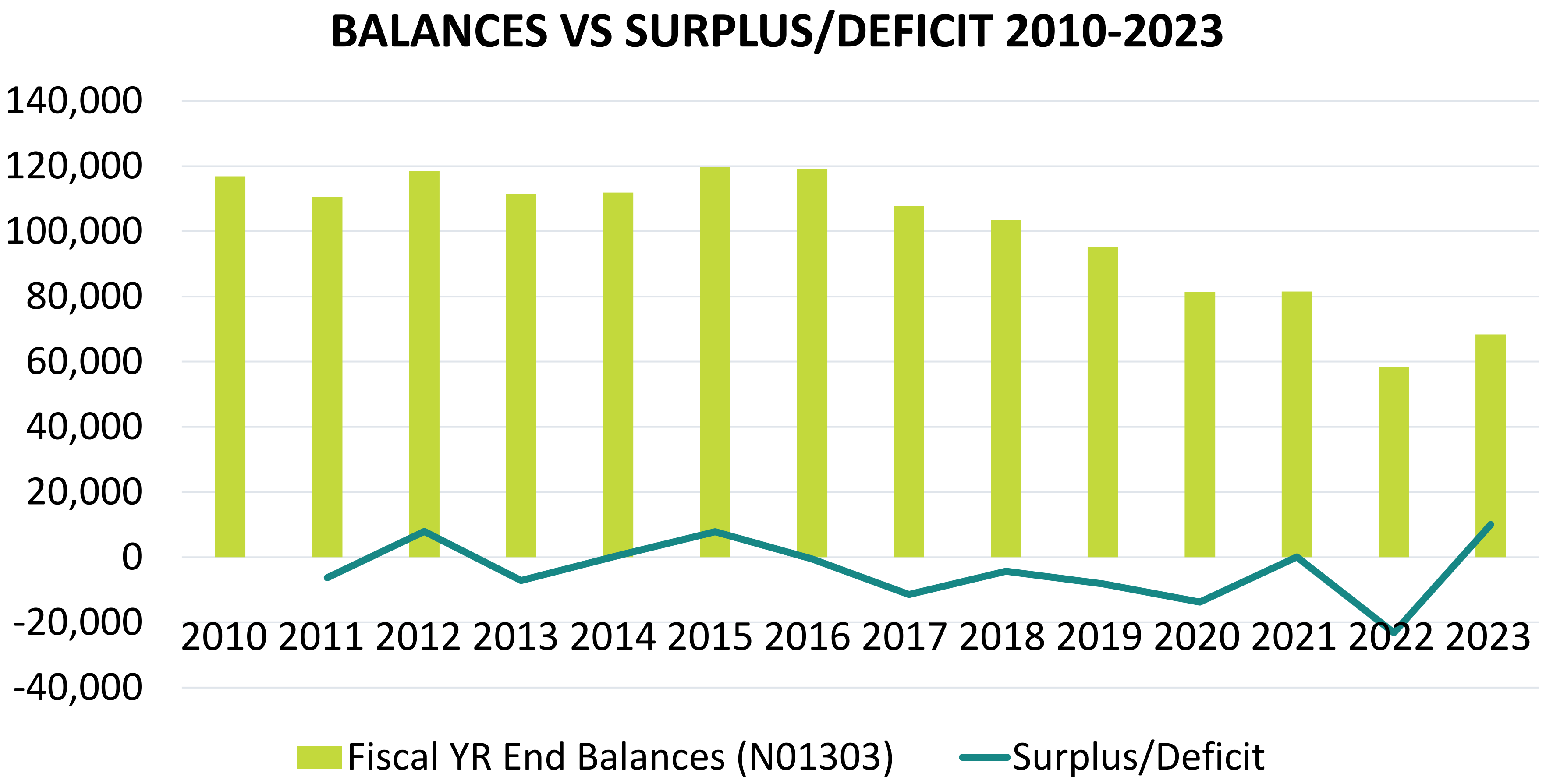
AT BEST 7 or 8 YEARS OF FUNDS REMAIN AT CURRENT EXPENDITURE

Expenditures for the program between 2016 and 2023:

- $172,886 (exceeds revenue in the same period by $51,506.)
- On average revenue was 70% of expenditures.



Average Annual Deficit of $7,348 ($24,698-$17,340)

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COST SAVING ACTIONS

Limited Travel Budget	Limited Training Opportunities	Limited Administration Spend
• Moved location to limit number of participants that required travel reimbursement • Sought favorable accommodation rates	• Reduced number of training courses to one per year • Upcoming DOE shipping campaigns will likely require more frequent training	• Only 14% of collected funds are used for program administration • The remaining funds are paid to training partners such as OSU and OHA

INCREASE REVENUE

Inflation

- **$70** per shipment in *1983** is equivalent to **$230** today and **$500** is close to $**1,640** (Using web calculator).

Meet Current Needs

- At more recent shortfalls, a fee per shipment of **$120** and industry specific cap of **$750** would meet 2026 needs.

Future Needs

- Increased expected shipments may increase revenue but also training needs.
- What level is appropriate to "future proof" the program?

*CPI Inflation Calculator

POTENTIAL NEW REVENUE STREAMS

Railroads are Excluded

- "Apply to the transportation of radioactive material by means other than railcars…"
- Not checked at ports of entry
- Rail companies pay ODOT a fee based on carloads

Temporary Permits

- Generally shipped in State and not checked at ports of entry
- Difficult to track and obtain metrics
- Lack of information may mean revenue gains may not meet cost of administration

Industry Exclusions

- Only well-logging material, radiographic material, and radiopharmaceuticals qualify for the yearly fee cap
- Federal shipments using *private* road carriers are checked at port of entry

NEW FEE STRUCTURE

Higher One Time

- A $120 per shipment, $750 industry specific cap, and $250 temporary permit structure would fund 2026 needs
- Should the cost be set higher to build the resource until a later review? (Current Method)

Periodic Option

- Should the rule have a periodic review built in so that funding is closer to needs?
- How much reserve is needed?
- How often to review?
- Continue RAC structure?

Rolling Adjustment

- Shall the fees be reassessed automatically to account for cost and revenue balance?
- How often and what to use as basis? (CPI, PPI, Oregon Inflation, Shipping Cost Gauges)

WHY IT'S NEEDED NOW

Expected Increase in Hanford Shipments

- Shipment of Transuranic Waste (TRU) is expected to resume in 2028.
- Approximately 100-110 shipments per year if estimates of volume and closure dates hold. Representing an almost 50% increase in volume of radioactive placarded shipments each year.
- Transits Oregon on the I-84 corridor from Hermiston (HM-10) to Ontario (HM-14) Oregon.
- Generally rural areas with 2 hazmat team to cover the 200 miles between the 2 cities.

TRU-PACT

200W PROJECT EXPECTED TO BEGIN 2030

Expected increase in shipments

- Potentially 2.9 million gallons of mixed low-level waste (liquid) or 4.4 M gallons of solid grouted material a year.
- Estimated 90% or more as Class A material suitable for disposal at Energy Solutions (Clive, UT).
- Rail corridor mirrors road, though other options show a route in central Oregon along the Deschutes River.
- Generally rural areas with 2 hazmat teams to cover the 200 miles between.
- 60-110 rail or 600-1650 truck loads a year.*
- Governor Kotek expressed significant reservations on the shipment of liquids and public participation in planning for this project. **

TRU-PACT

* https://pdw.hanford.gov/search?keywords=AR-33608

** https://www.oregon.gov/energy/safety-resiliency/Documents/2025-05-22-Oregon-Comments-on-200W-SA.pdf

Questions?

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THANK YOU!

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