WELCOME!
Thank you for joining our webinar.
We will begin at 11 am pacific.

Oregon Department of Transportation’s Fast Charging Investment Plans: NEVI State Plan Overview

June 27, 2022
Zoom Webinar 101: What to Expect

- All attendees are muted.
- 30 min presentation 30 min Q&A
- Check the chat for links.
- Use the chat for technical difficulties.
- This webinar is being recorded and will be available soon.

Host:
Matt Noble,
ODOT Communications

Panelists:

Amanda Pietz,
Division Administrator,
Policy, Data & Analysis, ODOT

Jessica Reichers,
Technology & Policy Manager,
ODOE

Suzanne Carlson,
Director, Climate Office, ODOT

Mary Brazell,
Transportation Electrification Program Manager, ODOT

Jillian DiMedio,
Senior Transportation Electrification Analyst, ODOT
Zoom Webinar 101: How to ask a question

• Method 1:
  • Click the “Q&A” button and type in your question.
  • You may submit your question at any time.
  • The host (Matt) will read your question to the panelists.

• Method 2:
  • Click the “raise hand” button, or dial *9 if you’re on the phone.
  • Host (Matt) will unmute you.
  • Please ask one, succinct question.
$101M+

minimum to transportation electrification charging infrastructure

$52M IIJA dedicated funds + match + Transportation Operating Fund + Carbon Reduction Program + other
AGENDA

National Electric Vehicle Infrastructure (NEVI) Program Overview

Approach to Develop and Implement Oregon’s State Plan for EV Charging Deployment under the NEVI Program

Questions and Comments from Public
National EV Infrastructure Formula Program (NEVI)

How much is coming to Oregon?

$65 million over 5 years for fast charging

- $52 million IIJA federal funding + $13 million (20%) non-federal match (expected from private sector)
- Must be used on Alternative Fuel Corridors
- FY 2022 (w match) $9.6 million; FY 2023 on $13 + million

Funds can be used for:

- Development phase activities
- EV charger purchase and installation
- Operating costs/maintenance for the first 5 years
- Mapping, Analysis, Modeling
- Signage
**NEVI:**

**Key Federal Requirements**

*Objective:* Build a seamless national network of public EV charging that is reliable, convenient, affordable and equitable

- Minimum of four high-powered (150 kW) chargers at each site
- Every 50 miles* along Alt. Fuel Corridors; ≤ 1 mile from corridor *exceptions allowed
- Collaboration with agency partners and stakeholders
- Development of a State Plan; to be approved by the Joint Office
- Minimum standards and specifications
- 40% of benefits accrue to Justice40 communities
NEVI: Proposed Minimum Standards

- FHWA Notice of Proposed Rulemaking
  - June 22, 2022
  - Comments due August 22

- Suggested standards for:
  - Installation, Operation & Maintenance by qualified technicians
  - Interoperability
  - Signage
  - Data Collection & Reporting
  - Network Connectivity
  - Real time information on location, pricing, availability and accessibility
  - Other (ADA, NEPA, Civil Rights, etc.)

- ODOT will meet or exceed minimum standards
Where will chargers go?


• Four new corridors proposed: I-205, I-405, US 95, OR 42

• Phased approach for additional corridors over next five years
Oregon NEVI State Plan

Plan Vision & Goals

- State Agency Collaboration
- Existing Conditions
- Deployment Strategy
- Contracting
- Implementation
- Public Outreach
- Equity & Justice40
- Data & Performance Metrics
Vision
Create a backbone network of high-powered EV charging stations along major corridors, to significantly increase Oregonians’ confidence that EV charging will be as ubiquitous and convenient as fueling with gasoline

Five-year Goals
• First 3 years, fully build out all 7 EV Alternative Fuel Corridors
• Next 2 years
  • Build out more Alt Fuel Corridors
  • Options: increase coverage, redundancy; upgrade more stations; freight; multi-modal
• Reliability
• Equity, Justice

State Agency Coordination
• ODOT and ODOE ongoing collaboration
• ZEVIWG
• Other agencies
Existing Conditions: Oregon’s Electric Alt. Fuel Corridors

7 FHWA-designated corridors currently

<table>
<thead>
<tr>
<th>North-South</th>
<th>East-West</th>
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<tbody>
<tr>
<td>I-5</td>
<td>I-84</td>
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<td>I-82</td>
<td>US 26</td>
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<tr>
<td>US 101</td>
<td>US 20</td>
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<tr>
<td>US 97</td>
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</tbody>
</table>
Public Outreach
NEVI engagement to date; More over 5 years

306 Total Survey Respondents
210 EV Drivers
28 Interested in being Site Hosts

Available on the NEVI website

435 Suggested Locations

25% Fast Charger
75% Level 2

Types of Chargers Suggested

5 Targeted Information & Listening Sessions
115+ Participants

Webinar APRIL 4th
Webinar TODAY
Interest Group Presentations
One on One Meetings
We Heard You

“Reliability. Experienced EV Charging Provider”
- EV Drivers

“Affordable pricing and workforce training”
- Advocates

“Flexibility in 350 kW charging”
- EVSP

“NEVI funded chargers in our community”
- Cities & Counties

“Realistic timelines: electrical capacity, supply chain concerns”
- Utilities

“Sensitive to geography and climate”
- EV Drivers
Oregon NEVI Deployment Strategy

Partner with Private Sector

Corridors – Competitive Solicitations

Build New & Upgrade Existing

Target Reliability, Minimum Standards

Expand Coverage
Contracting Strategy & Process

Contracting Strategy:
• Fully build-out complete corridors
  • Sequenced
  • Build new and/or Upgrades
• Specific sites not selected; community interest shared
• Annual Requests for Proposal (RFP)
• Public-Private Partnership
• Performance standards that meet NEVI Program requirements.
  • OR contracts to meet or exceed Minimum Standards
• Maintenance; potential Operations funding
• Incentivize desired attributes
• Highlight Oregon benefits (e.g., Clean Fuels Program)

Oregon Will Look For:
• Proven track record, staying power
• Reliability (consequences if not met)
• Diverse, local workforce and development
• Community engagement
• Station design

- Analyze & confirm Corridors
- Regional Workshops early on
- Annual RFP
- EVSP community engagement
- Develop data, metrics: Justice40, Min. Standards
Where will NEVI investments go?
Implementation

• Ensure reliability of publicly funded chargers

• Outreach to identify
  • EV charging service providers
  • Potential EV charging station hosts
  • Regional workshops to engage communities and identify ways to benefit

• Known Risks and Mitigation

• Data collection

• Program evaluation, monitoring and reporting
Achieve or Exceed Minimum Standards

- Quad Pod/Future Proof
- Interoperability, roaming, etc.
- Payment mechanisms
- Civil Rights/ADA
- Cybersecurity
- Labor and Workforce Development
Stakeholder Outreach – A Menu of Opportunities

Key Activities

• Regional Workshops in communities
  • Engage with communities prior to each year’s Corridor build out
  • First year build out: communities along I-5, US 97, and I-205
  • Listen to learn EV community goals, prioritize desired benefits
  • Work with EV charging providers to match goals with opportunities along corridors

• Webinars

• Guest speaking engagements

• Targeted Information Sessions
  • Specific outreach to voices who haven’t yet been heard

• Reporting back – What we hear and how it impacts activities
Equity & Justice40

- Minimum of 40% of program benefits to disadvantaged communities (DACs)
- Benefits determined after engagement with DACs
- Examples include:
  - Job growth & training
  - Increased access to affordable EV charging
  - Increased community engagement
  - Reduced exposure to harmful transportation-related emissions
## Next Steps

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<thead>
<tr>
<th>Milestone</th>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>Comments on plan concepts due</td>
<td>July 6, Matt Noble, <a href="mailto:Matt.A.NOBLE@odot.oregon.gov">Matt.A.NOBLE@odot.oregon.gov</a></td>
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<tr>
<td>State submits plan</td>
<td>August 1, 2022</td>
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<td>Regional Workshops</td>
<td>Fall/Winter 2022 – 2023</td>
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<td>Federal approval</td>
<td>September 30, 2022</td>
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<td>State develops RFP for corridor development</td>
<td>Fall 2022</td>
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<td>Anticipated RFP release</td>
<td>Winter 2022/2023</td>
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Thank You!

Question & Answer?

Oregon’s Five-year EV Charging Infrastructure Roadmap:
https://www.oregon.gov/odot/climate/Pages/NEVI.aspx