NEVI FORMULA PROGRAM PUBLIC MEETING
AGENDA

• Introduction to the NEVI Program
  • Idaho Transportation Department (ITD)

• History of EVs, EV Charging Stations and other EV grant programs
  • Office of Energy & Mineral Resources (OEMR)

• Discussion & Questions
NATIONAL ELECTRIC VEHICLE INFRASTRUCTURE (NEVI) FORMULA PROGRAM

Cecilia Arritola & Matt Moore
ITD | Planning & Transportation Policy
The Bipartisan Infrastructure Law (BIL) established the National Electric Vehicle Infrastructure Formula Program (NEVI)

Funding is available for states to strategically deploy electric vehicle (EV) charging infrastructure & to establish an interconnected network.
IDAHO FUNDING

FY 2022: $4.426 Million
FY 2023: $6.368 Million
FY 2024: $6.368 Million
FY 2025: $6.368 Million
FY 2026: $6.368 Million
TOTAL: $29.898 Million
FUNDING - IDAHO

- Upon plan approval, formula funding becomes available
- In addition, there are discretionary grant programs that Idaho will be eligible to apply for:
  - Discretionary Grant Program for Charging & Fueling Infrastructure
  - Corridor Charging Grant Program
  - Community Charging Grant Program
EQUITY

Engagement includes rural, underserved, and disadvantaged communities throughout Idaho, for diverse input.

Deployment and use of EV charging infrastructure will seek to provide equitable and fair distribution of all services.

Our State Plan will reflect this engagement process & input received.
EV CHARGING INFRASTRUCTURE CONSIDERATIONS

• Distance between chargers should be 50 miles and less than 1 mile from interstate
• Sufficient electrical power for 24/7/365 use
• Provide public restrooms, lighting, shelter, food and ADA access
• Available on rural corridors and in underserved communities
• Assure long-term operation and maintenance
• Consultation with interested stakeholders
• Foster public-private investment in EV infrastructure
PROJECT ELIGIBILITY

- Purchase & installation of EV charging infrastructure
- Operating assistance for costs of maintaining EV charging infrastructure installed under this program
- Travel control devices and associated costs with EV stations
- Data sharing for long term success of investments
- Acquisition of traffic control devices located within row (right of way)
- Mapping and analysis activities for specific area analysis
ALTERNATIVE FUEL CORRIDORS

- Round 6 nominations
- Two designation types: pending & ready
- NEVI Level 3 charging every 50 miles & less than 1 mile from the corridor
- Current & Nominated corridors:

<table>
<thead>
<tr>
<th>AFC DESIGNATION</th>
<th>NOMINATED BY STATE &amp; APPROVED BY FWHA</th>
<th>HAS EV CHARGING EVERY 50 MILES</th>
<th>SIGNAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Designation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&quot;Corridor Pending&quot;</td>
<td>X</td>
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<td></td>
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<tr>
<td>&quot;Corridor Ready&quot;</td>
<td>X</td>
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</table>
SITING, ACCESS & FEASIBILITY

Successful infrastructure deployment requires the collection, analysis and review of EV charging infrastructure siting, access and feasibility data to be completed upon the approval of Idaho’s NEVI Formula Program Plan.

Discussion topics may include:

• Access and availability
• Electrical service provision, access and cost
• Equity and access for underserved, disadvantaged and/or rural populations
• Service to public lands, such as National parks and other Federal land management agency units
• Public Health benefits for urban and rural areas
• Near/Long term
Numerous partners and stakeholders from across Idaho to develop a strategy and expected timeframe for deployment of NEVI-compliant public electric vehicle infrastructure.

Continued federal assistance for construction of charging infrastructure.

Design and implementation of a robust statewide network that is ready for analysis, development, upgrade and deployment.

The study will include:
EV CHARGING STATION

HISTORY

Presented by the Office of Energy & Mineral Resources (OEMR)
TYPES OF EV CHARGING

LEVEL I
• Approx. 5 miles of range per hour
• Home charging

LEVEL II
• Approx. 25 miles of range per hour
• Home, around town, workplace

LEVEL III
• Approx. 100 – 200+ miles of range per ½ hour
• Corridor charging

More information here
## EV MARKET IN IDAHO

<table>
<thead>
<tr>
<th></th>
<th>2020 GAS + ELECTRIC HYBRID</th>
<th>2020 ELECTRIC</th>
<th>2020 PLUGIN HYBRID</th>
<th>TOTAL</th>
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</thead>
<tbody>
<tr>
<td>2020 GAS + ELECTRIC HYBRID</td>
<td>21,471</td>
<td>1,871</td>
<td>137</td>
<td>23,486</td>
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<tr>
<td>2021 GAS + ELECTRIC HYBRID</td>
<td>28,436</td>
<td>3,250</td>
<td>1,014</td>
<td>32,700</td>
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MAP OF DCFC IN IDAHO - PUBLIC
INTERAGENCY WORKING GROUP
EV EFFORTS

• Regional
  • Charge West/REV West
  • Western Governor’s Association Electric Vehicles Roadmap Initiative

• State
  • EVSE Program
  • NEVI

• Local
  • Cities and counties across Idaho have begun implementation or have plans to install publicly accessible EV charging infrastructure in their communities

• Private
  • Idaho Power, Starbucks, Electrify America
If interested, apply ASAP at bit.ly/EVSEapply

State of Idaho EVSE Program

The Volkswagen Clean Air Act Civil Settlement enabled the State of Idaho to allocate $26 million to provide incentives for entities to deploy electric vehicle supply equipment (EVSE). Idaho’s EVSE Program provides cost-share funds for the deployment of public direct current fast charging (DCFC) equipment along the Idaho’s major travel corridors. EVSE hosts are eligible for reimbursement of costs associated with the purchase and installation of EVSE equipment. Private sites are eligible for 80% and publicly-owned sites are eligible for 100% reimbursement.

Application Process

Applicants should discuss the feasibility of building an electric charging station with their local electric utility. Ideal site characteristics include:

- Not within 30 miles of an existing site
- Within 0.5 miles of major highway
- All directional access
- 24-hour access
- Point-of-sale availability at or near the station
- ADA accessible
- Cell phone coverage for major carriers
- Well-lit
- Proximity to shopping or dining
- Potential for future expansion

Find the EVSE website and application at: https://www.deq.idaho.gov/air-quality/improving-air-quality/volkswagen-and-diesel-funding/
## EVSE FUNDED PROJECTS

### Electric Vehicle Supply Equipment Program Project Summary

<table>
<thead>
<tr>
<th>Agreement No.</th>
<th>ApplicantRecipient of Award</th>
<th>Location of Charging Station</th>
<th>Nearest Highway Corridor</th>
<th>Nearest Town/City</th>
<th>Number of Charging Stations at Location</th>
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<tbody>
<tr>
<td>EVSE19-01</td>
<td>Nez Perce Tribe</td>
<td>Clearwater River Casino</td>
<td>US 95</td>
<td>Lewiston</td>
<td>2 CHAdeMO/ CCS</td>
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<tr>
<td>EVSE19-02</td>
<td>Blaine County</td>
<td>Blaine County Annex Bldg</td>
<td>US 75</td>
<td>Hailey</td>
<td>1 CHAdeMO/ CCS</td>
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<tr>
<td>EVSE19-03</td>
<td>City of Bonners Ferry</td>
<td>Bonners Ferry Visitor Center</td>
<td>US 95</td>
<td>Bonners Ferry</td>
<td>1 CHAdeMO/ CCS</td>
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<tr>
<td>EVSE19-04</td>
<td>Eagle Landing</td>
<td>Fuel Station 76 on Kathleen</td>
<td>I 90 / US 95</td>
<td>Coeur d’Alene</td>
<td>2 CHAdeMO/ CCS</td>
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<tr>
<td>EVSE22-05</td>
<td>Northern Lights, Inc.</td>
<td>Northern Lights Headquarters</td>
<td>US 95</td>
<td>Sagle</td>
<td>1 CHAdeMO / CCS</td>
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</table>

Total VW Settlement Funding for Program: $2,600,000.00

Approx. VW Settlement Funding Remaining for Projects: $2,020,000.00
EV PROGRAMS & INCENTIVES

EV CHARGING SITE HOST FUNDING PROGRAMS

• EVSE Program
  • State and local government, local business owners, etc.

• BIL Competitive Discretionary Grant Programs
  • State, Metropolitan Planning Organization, local government, special purpose district or public authority with a transportation function, tribe, territory

• BIL NEVI Formula Program

• Idaho Gem Grant
  • Cities and counties with populations less than 10,000

• Utility programs and technical assistance

EV OWNERS

• Up to $7,500 Federal Income Tax Credit