

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

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ITD | Planning & Transportation Policy



PURPOSE

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.





Alternative Fuel Corridor (AFC) Nominations
Feb. 10, 2022

FHWA publishes the Request for Nominations for the 6th round of AFC designations. State DOT's review existing

AFCs and nominate additional routes prioritizing the interstate highway system, to support a National EV Charging Network by May 13, 2022

State Plans Due
Aug. 1, 2022

State DOTs submit their EV Infrastructure Deployment Plans to the Joint Office of Energy and Transportation

Funds Available for Investment

If approved, State DOTs deploy EV charging infrastructure through the use of NEVI Formula Program funds

180 Day Minimum Standards & Requirements
May 13, 2022

FHWA publishes proposed regulations for the minimum standards and requirements for the NEVI Program

Bipartisan Infrastructure Law
Nov. 15, 2021

Bipartisan infrastructure bill is signed into law and the NEVI Formula Program is established

90 Day Guidance
Feb. 10, 2022

FHWA releases the guidance for the NEVI Formula Program within 90 days of enactment of the BIL

States Coordinate with Joint Office of Energy and Transportation

FWHA Approves State Plans
Sept. 30, 2022

FWHA approves plans or notifies State DOTs if changes are needed

TIMELINE



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:
 - 1-15, I-84, I-86, I-90, SH-1, US-93, US-95, US-30, US-20, SH-12, SH-75

| AFC DESIGNATION | NOMINATED BY STATE & APPROVED BY FWHA | HAS EV CHARGING EVERY 50 MILES | SIGNAGE |
|--------------------|---------------------------------------|--------------------------------|---------|
| No Designation | | | |
| "Corridor Pending" | X | | |
| "Corridor Ready" | X | X | X |



SITING, ACCESS AND 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:

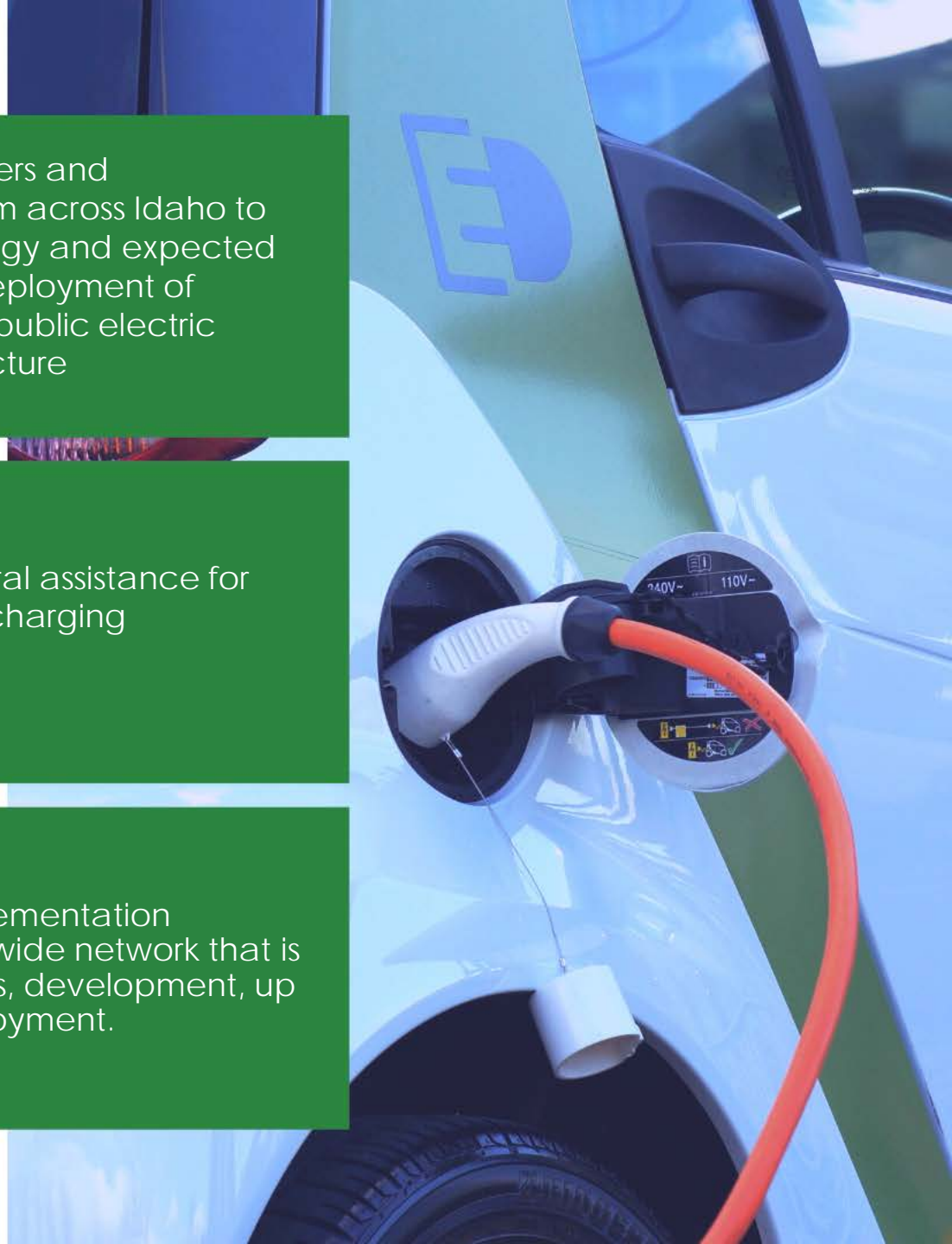
- Access and availability
- Electrical service provision, access and cost
- Equity and access for underserved, disadvantaged and/or rural populations
- Service to public lands, such as National parks and other Federal land management agency units
- Public Health benefits for urban and rural areas
- Near/Long term EV charging corridors that support national freight and goods movement

The study will include:

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, up grade and deployment.



EV CHARGING STATION HISTORY

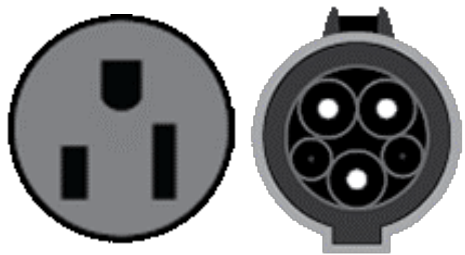
Presented by the Office of Energy & Mineral Resources (OEMR)



TYPES OF EV CHARGING

LEVEL I

- Approx. 5 miles of range per hour
- Home charging



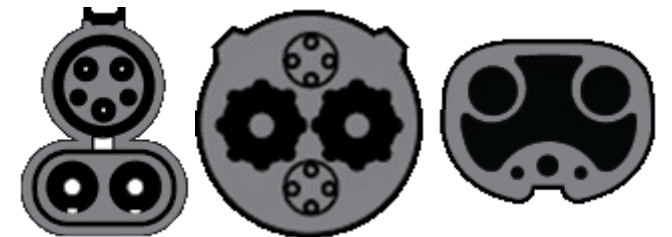
LEVEL II

- 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](#)



EXAMPLE

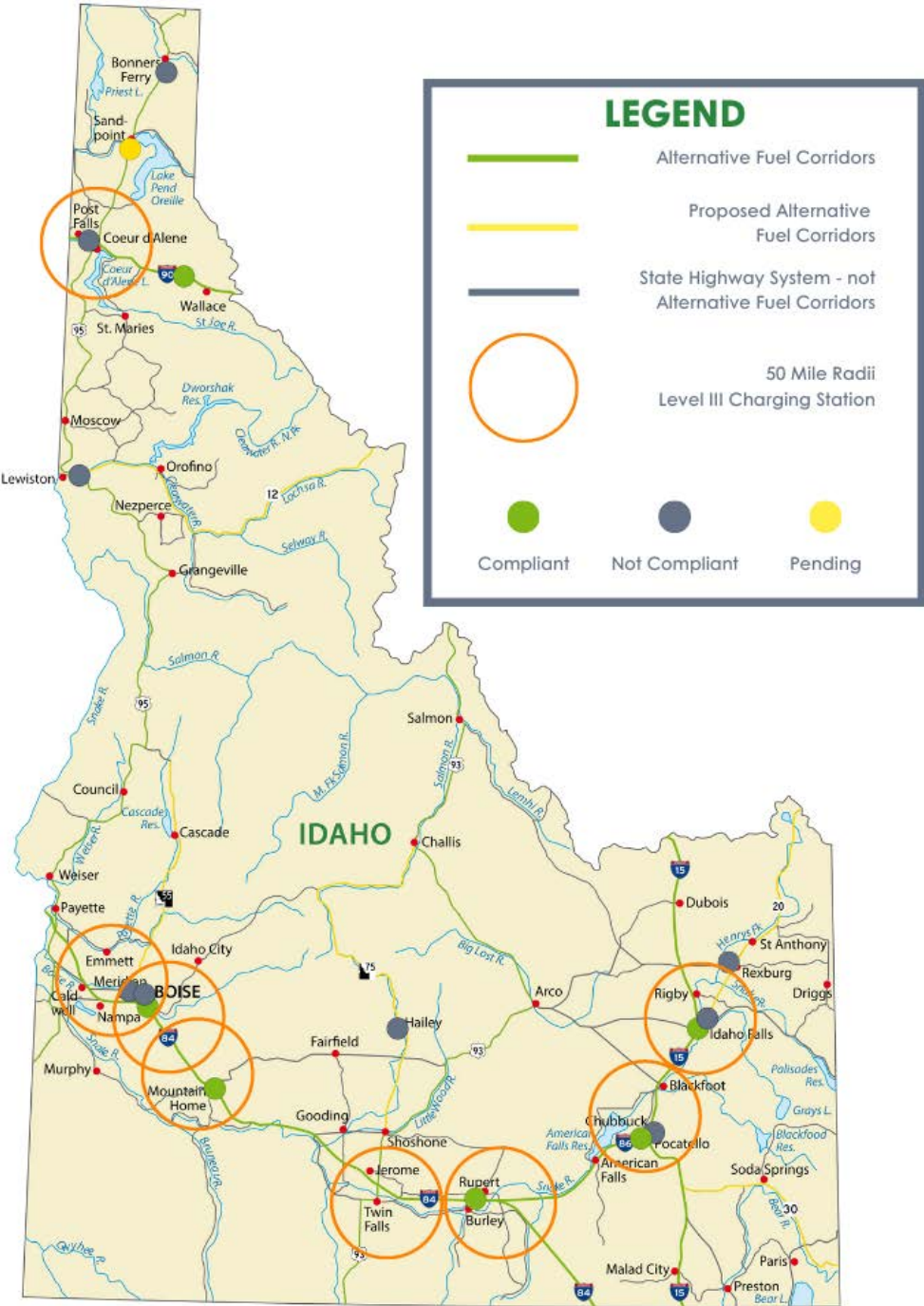




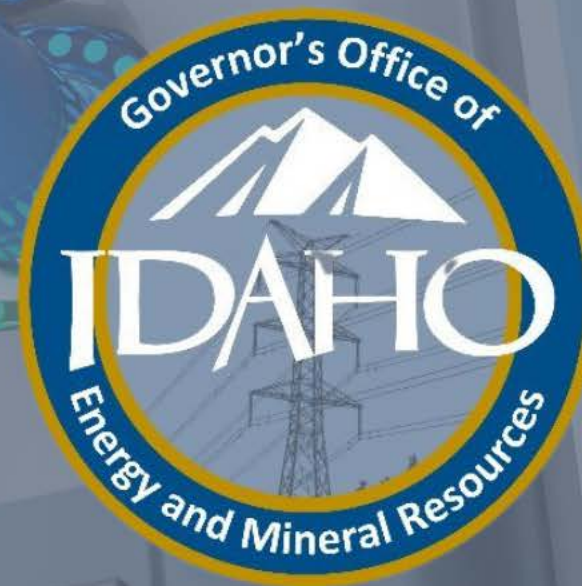
EV MARKET IN IDAHO

| 2020 GAS + ELECTRIC HYBRID | 2020 ELECTRIC | 2020 PLUGIN HYBRID | TOTAL |
|----------------------------|---------------|--------------------|--------|
| 21,471 | 1,871 | 137 | 23,486 |
| 2021 GAS + ELECTRIC HYBRID | 2021 ELECTRIC | 2021 PLUGIN HYBRID | TOTAL |
| 28,436 | 3,250 | 1,014 | 32,700 |

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



EV INFRASTRUCTURE SUPPLY EQUIPMENT (EVSE) PROGRAM

If interested, apply ASAP



Idaho Governor's Office of Energy and Mineral Resources **State of Idaho EVSE Program**

The Volkswagen Clean Air Act Civil Settlement enabled the State of Idaho to allocate \$2.6 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



DCFC Station in Heyburn, ID

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

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

Approx. VW Settlement Funding Remaining for Projects: \$2,020,000.00

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



EV PROGRAMS & INCENTIVES

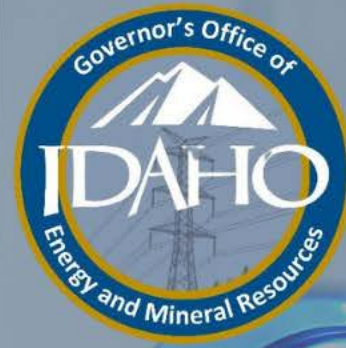
EV CHARGING SITE HOST FUNDING PROGRAMS

- 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





VISIT

[Bit.ly/EVidaho](https://bit.ly/EVidaho)

(case sensitive)