



Nevada Governor's Office of Energy

NOTICE OF NEVADA ELECTRIC HIGHWAY FUNDING OPPORTUNITY April 2018

The Nevada Governor's Office of Energy (GOE) was established in 1975 to ensure the wise development of Nevada's energy resources in harmony with local economic needs and to position Nevada to lead the nation in renewable energy production, energy efficiency, and the exportation of energy. Funding for this announcement will be provided to all eligible applicants for projects incorporated as part of the Nevada Electric Highway Initiative.

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- ❖ Attachment 1 Subgrant Proposal Signature Page
- ❖ Attachment 2 Subgrant Workplan Template
- ❖ Attachment 3 Subgrant Budget Template
- ❖ Attachment 4 Draft Subgrant Assurances

Section I Funding Description

The Nevada Electric Highway (NEH) Phase II is an initiative that will develop electric vehicle (EV) charging stations along I-80, I-15, U.S. 95, U.S. 93, and U.S. 50 to meet objective 7.2.1 in the State of Nevada Strategic Planning Framework 2016-2020, to complete an electric highway serving the entire state by 2020. Expenditures will be focused on building basic EV infrastructure connectivity and achieving Fixing America's Surface Transportation (FAST) Act standards where designated and prioritized by the GOE, Nevada Department of Transportation and the U.S. Federal Highway Administration (FHWA).

Through a Partial Settlement and Consent Decree (United States v. Volkswagen Group of America et al.), VW has agreed to spend \$14.9 billion to settle allegations of cheating emissions standards related in their 2.0 and 3.0-liter diesel engine vehicles sold and operated in the U.S. beginning in 2009. Of that amount, \$2.9 billion will be used to establish an Environmental Mitigation Trust.

The Nevada Division of Environmental Protection (NDEP) has been selected as the lead agency to administer the Mitigation Trust Fund on behalf of the State of Nevada. Nevada expects to receive \$24.9 million for the 2.0 and 3.0 Allocations. Trust funds are authorized to be used on ten categories of eligible mitigation actions focused on reducing NOx emissions and supporting long-term investments toward a zero-emission transportation sector within the state.

The state's Mitigation Plan anticipates utilizing 15% (the maximum allowable), or \$3.7 million on Light Duty Zero Emission Vehicle Supply Equipment, Category 9 of the authorized eligible mitigation actions. The Mitigation Plan identifies that light duty zero emission vehicle supply equipment expenditures will be focused on developing the NEH in accordance with Nevada's Strategic Planning Framework and administered by GOE.

Funding for EV charging stations along the identified corridors will be awarded by GOE through a reimbursable subgrant process to electric providers throughout the state, who will operate and maintain the EV charging stations through either direct ownership or by executing third-party host site agreements for EV charging stations within their service territories. General locations will be identified by the GOE and exact locations which meet GOE requirements, as set forth in the table in Section III below, will be selected by subgrantees. GOE is aware that Electrify America is also investing in charging stations along I-80 and I-15; award recipients of this funding opportunity may not use the funds on projects that are duplicative of that effort.

Section II Award Information

Allocated Funding for Each Site: \$150,000 or \$300,000*

*GOE reserves the right to determine the number of awards and amounts for each subgrant cycle, based on projects selected. Charging station site locations that have existing 3-phase power will receive a maximum \$150,000 award; charging station site locations that do not have existing 3-phase power will receive a maximum \$300,000 award. The application must provide information about the applicant's plan for completing the proposed project no more than six (6) months after the Notice of Award (NOA) is issued.

Project Location

All project locations must be within Nevada, along one of the 5 corridors specified in Table 1 below. Projects must either be located within one of the approximate locations shown below or within 50 miles from the next site, and no further than 5 miles from the highway if proposed along one of the planned FAST Act corridors as indicated below.

Table 1 - Corridors and General Site Locations

Site	Corridor	Approximate Location	Utility	FAST Act
1	I-15	Primm	NV Energy	Yes
2	I-15	I-15 / U.S. 93 Jct.	NV Energy	Yes
3	I-15	Moapa	Overton Power District	Yes
4	I-15	Mesquite	Overton Power District	Yes
5	I-80	Fernley	NV Energy	Yes
6	I-80	I-80 / U.S. 95 Jct.	NV Energy	Yes
7	I-80	Lovelock	NV Energy	Yes
8	I-80	Mill City / Imlay	NV Energy	Yes
9	I-80	Winnemucca	NV Energy	Yes
10	I-80	Valmy	NV Energy	Yes
11	I-80	Battle Mountain	NV Energy	Yes
12	I-80	Carlin	Wells Rural Electric Company	Yes
13	I-80	Elko	NV Energy	Yes
14	I-80	Wells	Wells Rural Electric Company	Yes
15	I-80	Oasis	Wells Rural Electric Company	Yes
16	I-80	West Wendover	Wells Rural Electric Company	Yes
17	U.S. 95	Schurz	NV Energy	Yes
18a	U.S. 95	Luning	NV Energy	Yes
18b	U.S. 95	Mina	NV Energy	Yes
19	U.S. 95	Coaldale	NV Energy	Yes
20	U.S. 95	Goldfield	NV Energy	Yes
21	U.S. 95	U.S. 95 / SR 267 Jct.	Valley Electric Association	Yes
22	U.S. 95	Amargosa Valley	Valley Electric Association	Yes

Site	Corridor	Approximate Location	Utility	FAST Act
23	U.S. 95	Indian Springs	NV Energy	Yes
24	U.S. 50	Silver Springs	NV Energy	
25	U.S. 50	Middlegate	NV Energy	
26	U.S. 50	Cold Springs	NV Energy	
27	U.S. 50	Austin	NV Energy	
28	U.S. 50	U.S. 50 Rest Area		
29	U.S. 50	Eureka	Mt. Wheeler Power	
30	U.S. 50	U.S. 50 NDOT ROW	Mt. Wheeler Power	
31	U.S. 50	Ely	Mt. Wheeler Power	
32	U.S. 50	U.S. 50 / U.S. 93 Jct.	Mt. Wheeler Power	
33	U.S. 50	Baker	Mt. Wheeler Power	
34	U.S. 93	Coyote Springs	Lincoln County Power District	
35	U.S. 93	Alamo	Lincoln County Power District	
36	U.S. 93	Sunnyside	Mt. Wheeler Power	
37	U.S. 93	U.S. 93 / U.S. 93A Jct.	Mt. Wheeler Power	
38	U.S. 93	Jackpot	Rafter River Rural Electric Cooperative	

The final project site does not explicitly have to be in an area shown above; so long as the potential sites meet the needs of the Nevada Electric Highway and/or FAST Act designation, substitutions will be considered.

Examples of Common Eligible Project Costs (not all inclusive):

- Permanent staff salary MUST be for project work only. This includes planning, development of project tasks and timelines, supervision and field work. Permanent staff will be required to certify activity.
- Consultant services (not exceeding federal rate of \$650 per day).
- Supplies, materials, and tools for the project (e.g., charging station equipment and systems, photovoltaic panels, batteries, charge controllers, inverters, etc.).

Examples of Common Ineligible Project Costs (not all inclusive):

- Costs that are expended and not included in the project budget at the time of application.
- Any expenditure not related to the project or defined in the project budget.
- Volunteer or program insurance.
- Expenses related to the promotion or fund-raising efforts of an organization.
- Time and services associated with writing the subgrant application.
- General overhead costs (costs to support an organization, including rent, furniture, electricity, internet, or meeting space).
- Lobbying costs.

Section III Eligibility Information

Eligible Applicants

- All applicants **MUST** have a Dun and Bradstreet (DUNS) number, Nevada business license, and must be in good standing with the Nevada Secretary of State's office and be able to provide proof of eligibility upon request.
- Eligible applicants must be a qualified electric energy provider in the State of Nevada, with service territory on a highway corridor approved by the GOE.
- Upon request of GOE, any entity requesting funds must provide proof that the appropriate federal, state, local, or private authorities have been consulted regarding the nature of the proposed project to be funded by GOE.

Additional Information

All materials submitted regarding this application for GOE funds becomes the property of the State of Nevada. Upon the funding of the project, the contents of the application will become contractual obligations.

The table below illustrates the minimum requirements that will be standard terms and conditions of the subgrant as well as a few optional negotiable items.

Table 2 - Minimum Requirements

Item	Minimum Requirement	Optional Negotiable Items
Electric Power Supply and Capacity at Site Location	A minimum of 3-phase power must be available at the site location with the electric capacity of 50KW per DC Fast Charger.	Station configuration dependent: a. Back-up Power Generation (Potential PV or battery storage) b. Ancillary Support (Lighting, shade structures, etc.)
Equipment Access on Site Location	The equipment must be sited outdoors in a location that is accessible to the public.	
Equipment Standards	A minimum of one (1) DC Fast Charger with both SAE/CCS and CHAdeMO connectors, plus one (1) additional charger (DC Fast Charger or Level II) for a minimum total of two (2) chargers at the site.	Additional DC chargers and/or up to two (2) Level II (SAE J1772) chargers
Equipment Warranty	A minimum of one (1) year warranty must be purchased.	Up to five (5) years
Equipment Network and Payment Options	Equipment must support an open communication protocol standard and have the ability to accept a credit or debit card without incurring any additional fees.	Up to five (5) years network and Wi-Fi service
Network Data Access	Any communication to or from the charging equipment must use an open communication protocol standard, and provide direct data access to GOE that shows kWh and cost data.	
Signage	On-site signage must be provided to identify the charging station location. The subgrantee must	

Item	Minimum Requirement	Optional Negotiable Items
	coordinate with NDOT for directional signage on and along the highway.	
Length of Service and Hours of Operation	The charging station must be operational for a minimum of five years with accessible hours of operation to be 24 hours a day, 7 days a week, 365 days a year. Sites must have a toll-free number posted on or near the charging station for customers to call 24/7 to get support.	
Ownership	The ownership of the charging station will be assigned to either the subgrantee or to a host-site selected by the subgrantee. If the subgrantee assigns ownership to a host-site, then that agreement is subject to these terms and conditions and is subject to review by GOE. The State will not be designated as an owner of the charging station.	
Operation	In the event the station is determined to be non-operational during the term of the length of service, GOE reserves the right to remove the equipment purchased under this agreement.	
Project Location	Where designated by GOE, project must meet FAST Act compliance (<50 miles from next charging station, <5 miles from highway).	
Safety Requirements	The electric vehicle charging equipment shall be certified by the Underwriters Laboratories, Inc. (UL), or equivalent safety standard.	

In addition, GOE encourage applicants to select charging site locations that have access to public restrooms and amenities. The hours of operation of the charging station only apply to the charging equipment, not any commercial activity at the site location. Ongoing operational and maintenance costs of the charging station will be the responsibility of the owner of the charging station.

Financial obligations of the State payable after the current fiscal year are contingent upon funds for that purpose being appropriated, budgeted, and otherwise made available. In the event funds are not appropriated, any resulting contracts (subgrant awards) will become null and void, without penalty to the state of Nevada.

Section IV Application & Submission Information

A complete application will include four (4) components: 1) Subgrant Proposal Signature Page; 2) Subgrant Workplan; 3) Subgrant Budget; and 4) Initial Review of Assurances. Incomplete applications as of the filing deadline will be disqualified and will not be awarded funds.

1. Subgrant Proposal Signature Page (template in Attachment 1)

This form must be completed in its entirety and signed by the appropriate authority.

2. Subgrant Workplan (template in Attachment 2)

This form must be completed as described on the template. Pre-populated items are the suggested items that GOE staff are requesting to see described in detail specific to the individual applicant.

3. Subgrant Budget (template in Attachment 3)

This form must be completed as described on the template. The budget must demonstrate a clear and strong relationship between stated tasks/milestones on the workplan.

4. Subgrant Assurances (template in Attachment 4)

The assurances are being provided as a courtesy. Please be sure to review them as they are standard subgrant terms and conditions on all GOE awards. If applicant has any concerns with the assurances, please notify GOE in writing as part of the application packet.

Submission Instructions

One (1) electronic version of the entire subgrant application, in PDF, should be submitted to mflockyer@energy.nv.gov. The PDF must include all four (4) components of the subgrant.

Section V Award Administration Information

Subgrant Commencement and Duration

Subgrants will be awarded as soon as is practical after receipt of application with project completion not to exceed six (6) months.

Reimbursement Notice

GOE subgrants are reimbursement subgrants. Subgrantees are expected to pay for expenses upfront from their budgets and will be reimbursed for eligible expenses listed on the approved award budget after a review of the expense request form and appropriate backup. Advance payments may be granted upon pre-approval of GOE. In order for grantees to be reimbursed by the GOE, grantees must be established as a vendor with the State Controller's Office. Information about the vendor requirements may be obtained at the following website:

http://controller.nv.gov/VendorServices/Electronic_Vendor_Registration.html

Section VI Contacts

GOE Contact:

Governor's Office of Energy
Attn: Mark Brady
755 N. Roop Street, Suite 202
Carson City, Nevada 89701
mbrady@energy.nv.gov

Thank your interest in applying for GOE funding. You will be contacted if further information is required. Do not begin your project or incur costs until you have received, signed and returned the Notice of Award document with GOE.