



# **Overview of transportation electrification in Nevada and updates on SB448 (2021)**

**Joint Interim Standing Committee on Growth and  
Infrastructure – Transportation Electrification in Nevada**

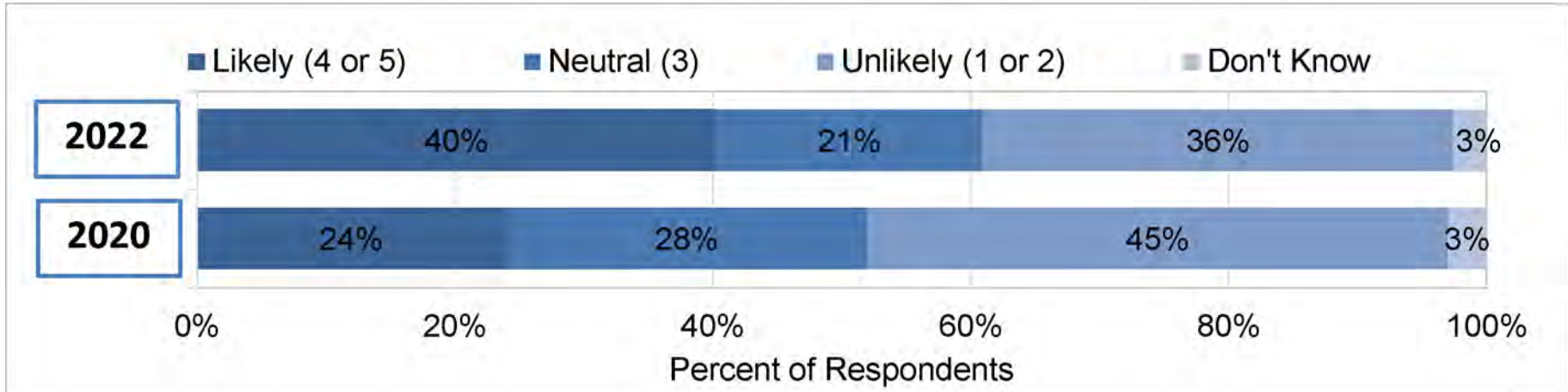
**May 11, 2022**



# Updated Electric Vehicle Nevada Specific Market Research



When you get your next passenger vehicle,  
how likely are you to buy or lease an electric vehicle?



Research shows enthusiasm among NV Energy customers for EVs has increased since 2020

Strategic program support and customer education can reduce barriers and help convert customer EV interest into adoption

Multi-family customers face greater barriers to EV adoption and program participation

Low-income multi-family customers may require additional support to join the EV transition



# NV Energy Electric Vehicle Programs



## NV Energy Electric Vehicle Program Development

- **2013** – Charging Station Shared Investment Program
- **2015** – Nevada Electric Highway Partnership with Governor's Office Of Energy – Phase I complete, Phase II complete
- **2017** – Senate Bill 145 - Electric Vehicle Infrastructure Demonstration Program (EVID) – Active
- **2019** – Senate Bill 299 - Electric School Bus Program – Active



## Senate Bill 448 – Transportation Electrification

1

### **Electric Vehicle Infrastructure Demonstration Program (EVID)**

- Repeal annual plan filing requirement after February 1, 2022. Final year of program will be July 2022 – June 2023

2

### **Economic Recovery Transportation Electrification Plan (ERTEP)**

- Filed on September 1, 2021
- Final approval from Public Utilities Commission on January 12, 2022

3

### **Transportation Electrification Plan (TEP)**

- File with Distributed Resource Plan update, on or before September 1, 2022

# Where to find NV Energy EV Programs



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- Electric Vehicles**
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- Solar
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- Greenlink Nevada
- EV Growth for Nevada**

## HERE TO HELP

We offer energy efficiency options, bill assistance programs and payment solutions that can go a long way toward keeping energy bills stable.

**LEARN MORE**

<https://www.nvenergy.com/cleanenergy>

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# Electric Vehicle Program Updates



## More Programs and Tools for Residential Customers

Residential

Business

EV Dealers

### EV Charging Incentives



Incentives are available for residential single-family customers who own an electric vehicle to install level 2 EV chargers at their homes.

[LEARN MORE](#)

### Lower-Income EV Rebate



Rebates of \$2,500 are available to eligible customers for the purchase of a qualifying new or used EV or plug-in hybrid.

[LEARN MORE](#)

### EV Charging



Electric vehicles can be charged with a conventional 120-volt household outlet, or higher voltage Level 2 and Level 3 charging stations.

[LEARN MORE](#)

### EV Comparison Tool



Thinking of joining the growing number of Nevadans driving an electric vehicle? Our Electric Vehicle Comparison Tool can help you make an informed decision when buying an EV.

[COMPARE NOW](#)

### Find an EV Dealer



Looking for an EV dealer? This easy-to-use search tool will help find one near you.

[BEGIN YOUR SEARCH](#)

### Electric Vehicle Rate




We offer a special Time-of-Use rate (TOU) for EV customers. The discounted rate also applies to all of the energy used during that period of time.

[LEARN MORE](#)

# Electric Vehicle Program Updates



## New Dealer Partner Program




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**ELECTRIC VEHICLES**



Electric Vehicles

Watch later | Share

**EV Time-of-Use Rate**

10:01 PM to 8 AM


✓ Residential discount applies to all energy used during off-peak hours

Watch on YouTube

### Electric Vehicles

Want to drive electric? We can help! PowerShift by NV Energy offers special rates, tools, resources and incentives to help make buying an electric vehicle (EV) or building EV charging infrastructure easier.

Join our upcoming electric vehicle events, both virtual and in person, to learn even more!




Residential

Business

**EV Dealers**


### Find an EV Dealer



Looking for an EV dealer? This easy-to-use search tool will help find one near you.

[BEGIN YOUR SEARCH](#)


### Dealer Partner Program



Learn more about how we support local EV dealers through the PowerShift Dealer Partner Program.

[LEARN MORE](#)

### Dealer Partner Portal



The online resource hub for PowerShift Dealer Partners provides access to up-to-date information and materials.

[LOG IN](#)

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# **Economic Recovery Transportation Electrification Plan**

# SB448 - Economic Recovery Transportation Electrification Plan (Sec. 49)



Accelerate Transportation  
Electrification



Economic Recovery & Job  
Creation Benefits



Prioritize Historically  
Underserved Communities

## Programs



**Interstate Corridor  
Charging**

Increase the availability of public electric vehicle *charging infrastructure along Nevada's highways* in the service territory of the electric utility and to *support electric vehicle tourism traffic to Las Vegas, the Reno-Tahoe area and across the State.*



**Urban Charging**

Increase access to public electric vehicle charging infrastructure in metropolitan areas of this State, *particularly for customers who are unable to charge vehicles at their home or business.* Must also be designed to address the needs of tourists, delivery services and businesses that require access to public charging for fleet electrification.



**Public Agency  
Electric Vehicle  
Charging**

To *serve the public, workplace and fleet electric charging needs of federal, state and local governmental agencies*



**Transit, School Bus &  
Transportation  
Electrification**

To serve the electric vehicle charging infrastructure, energy supply and energy storage needs of *transit agencies, metropolitan planning organizations, the Department of Transportation, public school districts and nongovernmental commercial customers*



**Outdoor Recreation  
and Tourism**

To serve the electric vehicle charging *infrastructure, energy supply and energy storage needs of the tourism and outdoor recreation economy*

## Plan Allocations:

- **40%** dedicated to **historically underserved communities**
- **20%** dedicated to investments in the **Outdoor Recreation and Tourism Program**
- **20%** dedicated to incentives for **behind-the-meter investments** in electric vehicle charging infrastructure or stations



# Economic Recovery & Workforce Development



## Increases Access to Clean Energy Jobs

- ▶ Nevada electrical training centers offer paid on-the-job apprenticeship programs to help youth successfully transition into a well-paying career.
- ▶ NV Energy's investment will remove barriers for historically underserved communities to participate in training programs.



## Supports Construction Jobs

- ▶ Planned **infrastructure** construction is projected to require **300,000+ labor hours**.



**ELECTRICAL JATC**  
OF SOUTHERN NEVADA



# Prioritizing Historically Underserved Communities



## Providing Dedicated Funding

- ▶ **\$40+ million of program funding will directly benefit** underserved communities
- ▶ Historically underserved communities will be prioritized for EV charging station installation where feasible

## Engagement Opportunities

- ▶ Feedback from all stakeholders is welcome through **multiple channels** including in-person events, online feedback tools, and more



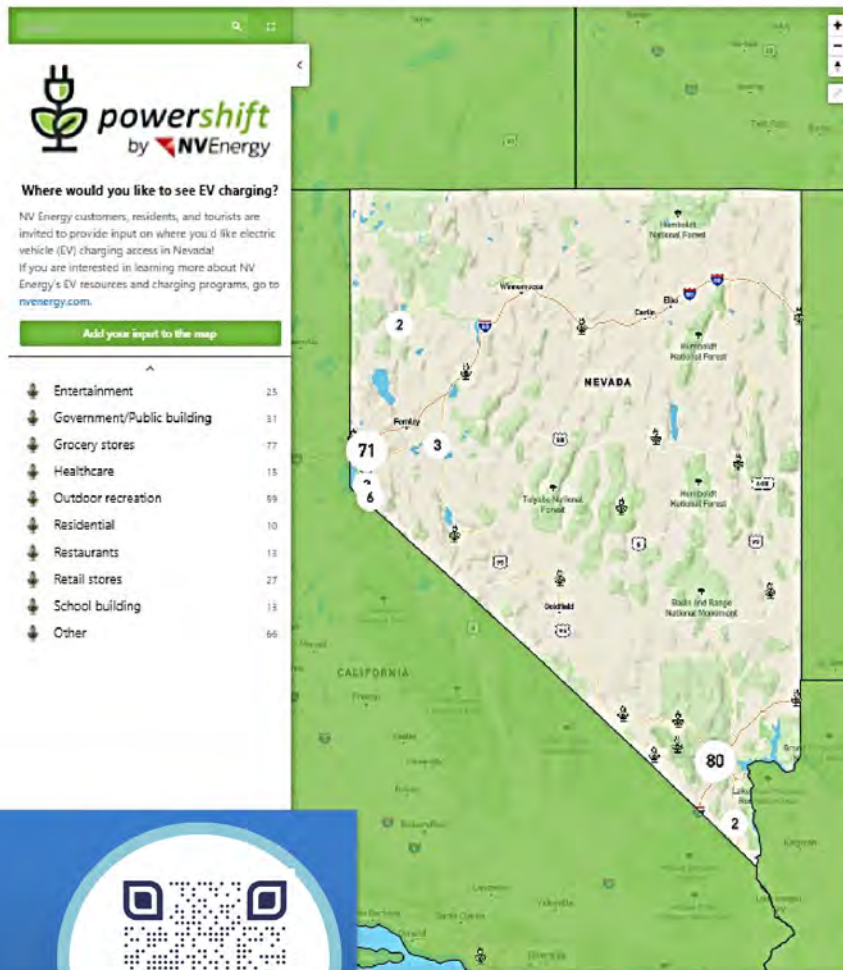
# How to get involved



## Residential Customers:

1. EV Charging Location Input
2. EV & Clean Energy Program Feedback Survey\*
3. Webinars and Workshops\*
4. EV 101 and Test Drive Events\*
5. Webinars for Interested Site Hosts\*

\*Outreach available in English and Spanish



To learn more about the ERTEP programs and get involved, visit [nvenergy.com/ERTEP](https://nvenergy.com/ERTEP)

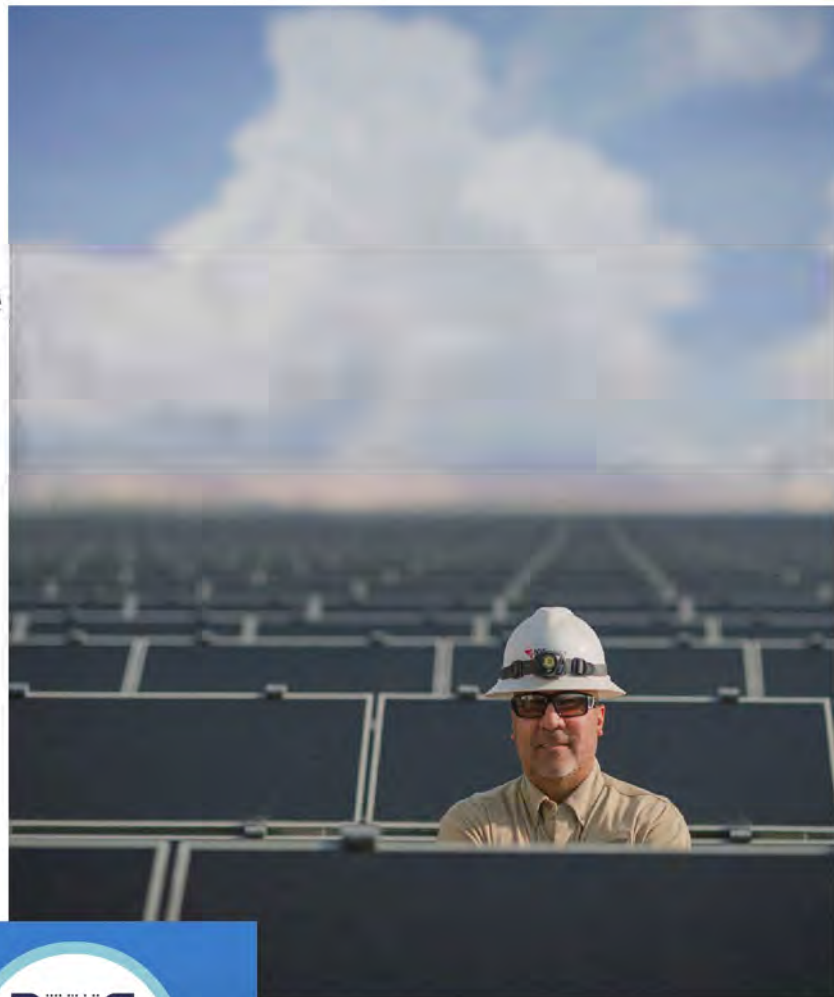


# How to get involved



## Commercial Customers & Industry Participants

1. Participate in eligible programs
2. Submit your interest form to be an interstate corridor and urban charging depot program site host
3. Apply to qualify your electric vehicle supply equipment
4. Apply to be a qualified third-party provider
5. Learn about the Electric Vehicle Infrastructure Training Program and contracting opportunities



To learn more about the ERTEP programs and get involved, visit [nvenergy.com/ERTEP](https://nvenergy.com/ERTEP)





# Individual Program Launches



- **Tourism Incentive** – Incentive Application portal opened Friday, April 1 @ 9am
- **Urban and Interstate Charging Depots** – Site Host Interest opened May 1<sup>st</sup> @ 9am
- **Transportation Electrification Custom Grant** – Application portal opens May 16<sup>th</sup> @ 9am closes May 27<sup>th</sup> @ 5pm
- **Public Agency Charging Program** – Accepting interest form starting June 1<sup>st</sup>
- **Outdoor Recreation** – Accepting interest form starting June 1<sup>st</sup>

More information about all of our ERTEP programs is coming soon. Applications for the Tourism Incentive Program begin April 1, 2022.

## Interstate Corridor Depots



Our Interstate Corridor Depot program will increase charging infrastructure on interstate corridors to facilitate EV travel between Las Vegas and the Reno-Tahoe tourist areas in partnership with the Governor's Office of Energy.

## Urban Charging Depots



Our Urban Charging Depot program will increase public charging access for vehicles and micro-mobility devices like bikes and scooters in eligible downtown and commercial areas.

## Public Agency Charging



Our Public Agency Charging program will expand EV charging access at eligible community centers, universities, colleges and capital complexes.

## Transit, School Bus & Transportation Electrification



These programs will provide support for eligible public transit electrification projects, a vehicle-to-grid pilot with electric school buses and a grant program for non-governmental commercial customer fleet charging.

## Outdoor Recreation



Our Outdoor Recreation program will expand public charging access for vehicles, micro-mobility devices like bikes and scooters, and boats at Red Rock Canyon and Lake Tahoe sites.

## Tourism Incentive Program



Our Tourism Incentive program will increase public charging access at eligible tourist destinations to attract EV drivers and reduce local air pollution.



**Thank You**