

# Accelerating Transportation Electrification in Nevada

The Economic Recovery  
Transportation Electrification Plan





# What will we cover today?

1. Get to know NV Energy
2. Discover NV Energy's Clean Energy Offerings
3. Learn about The Economic Recovery Transportation Electrification Plan
  - ▶ What is it and why was it created?
  - ▶ What are the benefits of this plan?
4. Get Involved!

# Who is NV Energy?

NV Energy is the local utility you can count on. We are moving towards a 100% clean energy future, keeping rates low, and investing big in local communities.

- ▶ Electric and gas utility **serving 1.4 million customers** and a state **tourist population exceeding 50 million** people annually
- ▶ For more than **100 years** NV Energy has been on the cutting edge, **constantly innovating energy offerings** and services for customer satisfaction







# Accelerating Our Clean Economy

NV Energy Offerings

## Increasingly Renewable Grid

- ▶ 50% of energy to be sourced from renewable sources by 2030
- ▶ 100% renewable energy is the goal

## Investing in Clean Energy

- ▶ \$2.5 billion investment in renewable energy projects statewide thru Greenlink Nevada
- ▶ \$690 million in economic activity is projected



# How to Save on Energy Bills

## NV Energy Programs

- ▶ **Free smart thermostat & mobile app**
- ▶ **Free home energy assessments** (in-home or online)
- ▶ **Instant discounts on variable-speed pool pumps**
- ▶ **Discounts on AC upgrades**
- ▶ **Free qualified appliance replacement** for income eligible customers

To learn more about these programs visit  
[nvenergy.com/powershift](http://nvenergy.com/powershift)



# Charging Forward with Electrification

## NV Energy Offerings

Transportation accounts for the greatest percentage of greenhouse gas emissions in Nevada - meeting our clean air goals will require a cleaner electric supply and accelerating electrification



### Investment

- ▶ NV Energy is helping Nevada lead the country in transportation electrification, positioning the state to attract even more EV and clean technology investment



### Public Health

- ▶ Transportation powered by fossil fuels like gas and diesel will transition to clean power sources over the coming decades to reduce emissions, improve air quality and support public health



### Meeting Demand

- ▶ EV's made up 26% of new sales in the global automotive market in 2021, increasing charging demand
- ▶ This isn't just about cars- freight trucks, boats, bikes, buses and construction equipment are also being electrified

# Electrifying Transportation for Cleaner Air & Economic Benefits

## NV Energy Programs

### EV Rates

- ▶ “Time-of-use” rates for EV charging when **rates are lowest**, saving customers money and optimizing grid efficiency

### Statewide Highway Charging

- ▶ Working with Governor’s Office of Energy to add **EV charging locations** along highways with multiple stations at each





# Electrifying Transportation

NV Energy Programs

## Direct to Customer Programs

- ▶ Charging station incentives for residents, fleets, multi-family complexes, and more!
- ▶ \$2,500 rebates on a qualified new or used EV for income eligible customers
- ▶ Online tools to find the right EV for you and an EV certified local dealership



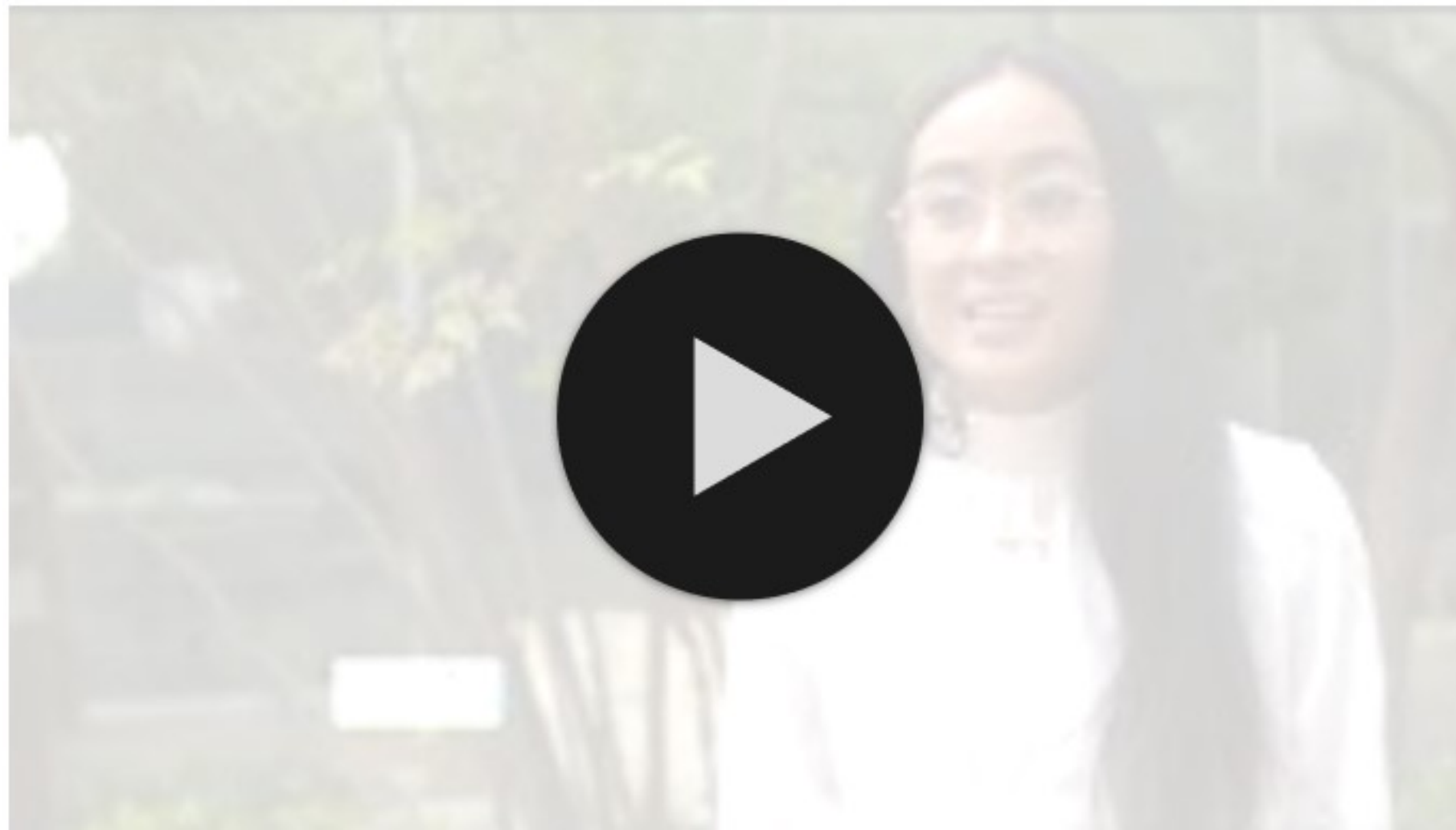
A close-up photograph of an electric vehicle's charging port. A black charging cable is plugged into the port. The car is dark-colored, and the background is a blurred outdoor setting with a brick building and other vehicles.

Our newest transportation  
electrification offering...

# The Economic Recovery Transportation Electrification Plan (ERTEP)

# New EV Charging Program

Economic Recovery Transportation Electrification Plan (ERTEP) [Video](#)





# EV Charging Program Priorities

ERTEP



## Accelerate Transportation Electrification

Plan includes nearly \$100 million total to build **1,000+ EV charging stations** between 2022 and 2024 in Nevada



## Support Economic Recovery & Job Creation

Investing in **job training** and expanding charging station availability to **support the tourism industry**








## Prioritize Historically Underserved Communities

Dedicating **\$40 million+** of funding to directly benefit **historically underserved communities**

# EV Charging Programs

ERTEP

	Program	Focus
	Interstate Corridor Charging	Public charging along eligible interstate corridors to facilitate EV travel to and from major metros.
	Urban Charging	Public charging at eligible downtown or commercial locations.
	Public Agency Electric Vehicle Charging	Public charging at eligible community centers, universities/ colleges and capitol complexes.
	Transit, School Bus & Transportation Electrification	Support transit electrification, electric school bus vehicle-to-grid trials, and non-governmental fleet electrification.
	Outdoor Recreation and Tourism	Public charging at eligible tourist and outdoor recreation destinations.



ERTEP

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



# Prioritizing Underserved Communities

ERTEP

## 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





# Ready to get involved?

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

*+ resources to learn about EVs and find the right vehicle for you from a local dealer!*

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

