



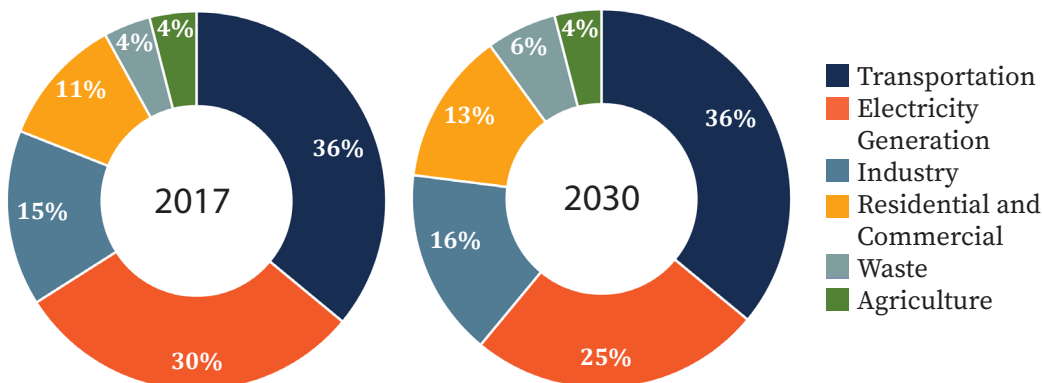
CLEAN CARS NEVADA IN CONTEXT

Reducing Transportation's Greenhouse Gas Emissions

TRANSPORTATION EMISSIONS IN NEVADA

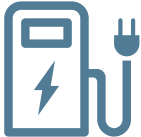



As of 2015, the transportation sector is the largest source of greenhouse gas (GHG) emissions in Nevada, largely connected to the number and type of vehicles – both passenger and commercial – on our roads. The Nevada Division of Environmental Protection's most recent GHG inventory (2020) shows the transportation sector will still be the largest emitter by 2030, absent new policies to reduce transportation-related emissions.

As a first step, the Nevada Climate Initiative launched Clean Cars Nevada, to reduce harmful emissions from passenger vehicles and lower total GHG emissions throughout the State. Adopting this policy, and others like it, is a critical and necessary step to curb tailpipe emissions and put Nevada on a path to meeting its overall GHG reduction targets.



REDUCING GHG EMISSIONS FROM TRANSPORTATION

The State Climate Strategy outlines many ways to reduce transportation-related GHG emissions:

1. Adopting low- and zero-emission vehicle standards 
2. Shifting transportation to electric and hydrogen vehicles 
3. Reducing vehicle miles traveled by providing more mass transit and active transportation opportunities 
4. Using incentives to replace older, polluting cars with newer, cleaner models 

NEVADA GHG REDUCTION GOALS

In 2019, the Nevada Legislature passed SB254, which set economy-wide reduction targets for GHG emissions in the State. Nevada's GHG reduction targets are now consistent with broader national and international goals based on scientific assessments and recommendations from the Intergovernmental Panel on Climate Change (IPCC):

- 28% by 2025
- 45% by 2030
- Net-zero emissions by 2050*

Under currently enacted policies, Nevada may fall short of the 2025 target and is currently on pace to miss the 2030 goal by 19%. New policies and programs are needed to ensure the State meets its climate goals.

*Relative to 2005 baseline greenhouse gas emissions

PART OF THE SOLUTION

As a member of the bipartisan U.S. Climate Alliance, Nevada joins 25 states and territories in working to collectively reduce GHG emissions. The coalition also supports adaptive infrastructure, environmental justice, protecting natural ecosystems, and creating high-quality jobs in clean energy production.



THE BIG PICTURE

ACHIEVING STATEWIDE GHG REDUCTION TARGETS IN 2025 AND BEYOND

To meet Nevada’s GHG reduction targets, the State Climate Strategy calls for a transition away from conventional gasoline and diesel-powered vehicles to low- and zero-emission vehicles. However, several actions beyond adopting new clean car standards are needed to facilitate an effective transition to low- and zero-emission vehicles in Nevada, such as providing a network of charging stations available to every community in the State.

Nevada is already taking action to expand this much-needed infrastructure and support the increasing demand for electric vehicles. These actions include:

Electric Vehicle Infrastructure Programs

Nevada Electric Highway Program

Installing charging infrastructure – including DC fast charging stations – across five major Nevada highways:

- I-15
- US 93
- I-80
- US 50
- US 95

**Up to \$500 or 75% of cost to install a Level 2 charger (1000 customers)*

***A \$2,500 rebate to buy an electric car (100 customers)*

Electric Vehicle Infrastructure Demonstration (EVID) Program

A \$15 million incentive program to provide charging infrastructure and/or funding for:

- Single and multifamily housing*
- Lower income housing**
- Commercial/government locations
- Electric school buses

VW Trust Fund
Governor’s Office of Energy
NV Energy

Governor’s Office of Energy
NV Energy
Authorized by:
SB145 (2017)
SB299 (2019)

Future Programs

Economic Recovery Transportation Electrification (TE) Plan

A \$100 million investment* to accelerate TE in Nevada with:

- Interstate/urban charging depots
- Public agency charging stations
- Transit and school bus programs
- Outdoor recreation/tourism

NV Energy
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SB448

Triennial Integrated Resource Planning

Long-term planning aimed at expanding TE in Nevada with a wider range of programs, incentives, and rate designs (will be filed with the Public Utilities Commission September 1, 2022)

**40% of infrastructure to be installed in underserved communities*

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What These Programs Do

Funding Source

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