

SOUTHERN NEVADA CLEAN CITIES COALITION

PROGRAM PLAN



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INTRODUCTION

Sitting at the southern edge of Nevada in the heart of the Mojave Desert is Clark County. Home to the Las Vegas metropolitan area, including the world-famous Strip, it is the 11th most populous county in the United States and covers an area the size of New Jersey [1]. **Seventy three percent of the state's entire population is located in Clark County**, and for the last ten years it has welcomed on average 38 million visitors annually [2].

Nearly half of the region's 2.3 million residents live in unincorporated areas, outside of the cities of Las Vegas, North Las Vegas, Henderson, Boulder City, Mesquite, and Nellis Airforce Base. Unincorporated Clark County is so large that Clark County government delivers municipal services that are traditionally provided by major cities. These services include air quality compliance, social services, the nation's seventh largest airport, and Nevada's largest hospital.



Figure 1. Clark County, Nevada [3].

ALL-IN CLARK COUNTY

Clark County government is embracing social and environmental management of the region with its **All-In County Operations and All-In Community Plans** [4]. Both plans holistically support the sustainability and resiliency of the region in an equitable way, and consider focus areas like water reduction, urban heat, and transportation. A recent greenhouse gas (GHG) inventory of the Clark County community showed that on- and off-road transportation was the second largest source of emissions, and has therefore become a target area to improve the sustainability of Southern Nevada.

Additionally, Clark County is classified in moderate nonattainment for the Environmental

Protection Agency's (EPA) 2015 Ozone National Ambient Air Quality Standard (NAAQS) and the County is striving to improve air quality in the Las Vegas Valley. These air quality standards, coupled with the All-In sustainability plans, seek to reduce pollution and GHGs by increasing the use of public transit, reducing vehicle idling, and registering more alternative fuel vehicles in Southern Nevada.

37.1%

Amount of Clark County's total greenhouse gas emissions from on- and off- road transportation, 2019 [5].



SOUTHERN NEVADA CLEAN CITIES COALITION

BACKGROUND

The Clark County Board of County Commissioners approved the All-In County Operations Plan in February 2021 and the All-In Community Plan in April 2023. Both plans contain an action item to **re-establish a Clean Cities Coalition in the region**. Through this direction from the commissioners, Clark County's Department of Environment and Sustainability (DES) staff began to lay the groundwork for the designation process in the spring of 2022. This involved researching and orienting with the US Department of Energy's (DOE) mission and guidelines, determining the structure and logistics of the region's coalition, and building a

member base through community outreach, one-on-one meetings, interviews, and more.

From there, DES staff had a clear expectation of the coalition's goals and were able to develop vital relationships with representatives from the DOE and the National Renewable Energy Laboratory (NREL) as well as identify critical stakeholders and partners. This foundation also enabled a strategic vision, ensuring the coalition's success when officially announcing an intent to pursue designation during the first member meeting in October 2022. The coalition has since been formally named the **Southern Nevada Clean Cities Coalition (SNCCC)**.

DEFINED COALITION TERRITORY

SNCCC is housed within the local government for unincorporated Clark County; therefore, the territory for SNCCC will follow the same jurisdiction. The county is geographically located in the southernmost part of Nevada, with Arizona bordering on the east, California on the west, and Utah just outside of its northeast border.

Clark County accounts for 73% of the state's population. It also welcomed nearly 41 million visitors in 2023 [2] and is a major thoroughfare between Los Angeles and Salt Lake City. The majority of residents, businesses, and tourism are concentrated in the Las Vegas metropolitan area, with a few smaller towns situated throughout the County.

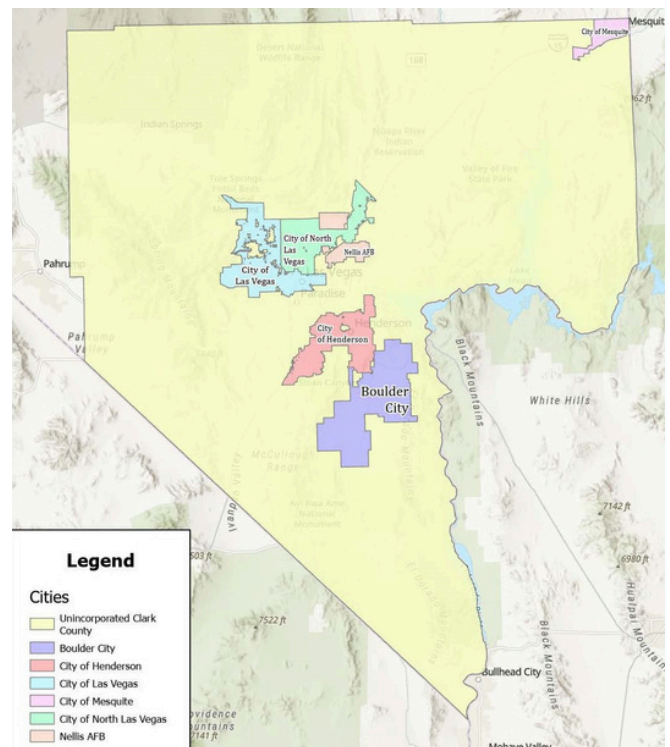


Figure 2. Unincorporated Clark County in yellow [6].



VISION

To drive Southern Nevada forward as a leader in clean transportation.

MISSION

Southern Nevada Clean Cities Coalition improves air quality and reduces petroleum dependency with the use of alternative fuels, vehicles, infrastructure, and efficient technologies. Leading by example, the Coalition serves as a resource to the community to ensure its future resiliency and economic viability.

STRUCTURE

SNCCC is managed by a Director appointed by DES. A core, committed group of stakeholders meet every other month with the Director in the form of an Advisory Committee. General membership into SNCCC is free and open to anyone with an interest in sustainable transportation. Meetings for general members are held twice a year and a list of participating organizations can be found in [Appendix A](#).

154

The number of General Members in the Southern Nevada Clean Cities Coalition, 2024.

Entity	Role
Clark County	<ul style="list-style-type: none"> Houses the Coalition Appoints and funds the Director
Director	<ul style="list-style-type: none"> Leads the Coalition Runs meetings with Advisory Committee, Working Groups, and General Members Builds relationships with stakeholders and partners Creates programming and events Produces reports for the Department of Energy
Advisory Committee	<ul style="list-style-type: none"> Represents a diversity of roles and organizations Provides guidance and recommendations based on expertise Creates and manages larger projects Supports the Director by supplying data for reports to the Department of Energy
Working Groups	<ul style="list-style-type: none"> Focused on key areas determined by the region's transportation and fuel needs Chosen and overseen by the Advisory Committee
General Members	<ul style="list-style-type: none"> Open to everyone A space for the community to develop sustainable fuel and transportation knowledge, build capacity, and network

Table 1. Structure of SNCCC.

DIRECTOR

The Director for SNCCC is **Nicole Wargo**, who has been serving as Acting Director during the coalition's apprentice phase. She is also a Fellow for DES. Nicole has recently earned a master's degree in Sustainability from Harvard University, including graduate certificates in Environmental Policy & International Development and Corporate Sustainability & Innovation. She has completed research for Harvard's T.H. Chan School of Public Health studying tourism resource use on Block Island, Rhode Island. Nicole was also a sustainable tourism intern for the US National Park Service's Lewis and Clark National Historic Trail, which is a designated automobile tour route from Pittsburgh to the Pacific Ocean that covers over 6,600 miles of the northern United States.

ADVISORY COMMITTEE

The Advisory Committee, found in Table 2, shares updates on Nevada's transportation trends to the group and helps guide the coalition with their expertise and advice. It is also a space to create partnerships and discuss items like relevant policies and grants. Guidelines for the Advisory Committee are in [Appendix B](#) and biographies of the members in [Appendix C](#).

Deborah Reardon, Regional Planning Manager for the Regional Transportation Commission of Southern Nevada, serves as Committee Chair. **Kandee Bahr Worley**, Division Chief of Sustainability and Emerging Transportation for the Nevada Department of Transportation, serves as Committee Vice Chair.

Entity	Member	Title
City of Henderson	Tory Jackson	Sustainability and Climate Manager
City of Las Vegas	Marco Velotta	Planning Project Manager and Chief Sustainability Officer
City of North Las Vegas	Leonardo Benavides	Government Affairs Manager
Clark County	James Cordero	Assistant Manager, Automotive
Clark County School District	Lori Olson-Arzaga	Director, Environmental Services
Harry Reid International Airport	Brad Tomm	Sustainability Manager
Las Vegas Valley Water District	David Bourn	Fleet Manager
Nevada Clean Energy Fund	Kirsten Stasio	Chief Executive Officer
Nevada Clinicians for Climate Action	Dr. Joanne Leovy	Steering Committee Chair
Nevada Conservation League	Kristee Watson	Executive Director
Nevada Department of Transportation	Kandee Bahr Worley	Division Chief, Sustainability and Emerging Transportation
Nevada Franchised Auto Dealers Association	Andrew MacKay	Executive Director
NV Energy	Randy Koss	Manager, Fleet Services
Regional Transportation Commission	Deborah Reardon	Regional Planning Manager
Southwest Gas	Justin Mahana	Administrator/Corporate Fleet Management
University of Nevada, Reno	Christopher Lynch	Director, Nevada Business Environmental Program

Table 2. Inaugural cohort of Advisory Committee members.

STAKEHOLDER COMMITMENTS

The Advisory Committee members have submitted letters of commitment to SNCCC, pledging their time and expertise, and acting as ambassadors for the Coalition's goals. They will also assist with data collection and reporting to the DOE as needed.

Below are some of the Committee's pledged commitments as well as details on how they have contributed to SNCCC activities. Their Letters of Commitment can be found in [Appendix D](#).

CITY OF HENDERSON

- "To serve the Coalition and its mission to advance sustainable and equitable transportation, CD&S [Community Development and Services Department] will support data needs and work to develop and implement planning projects that advance the mission of the Coalition."
- Coordinated a guest speaker for December 2023 Advisory Committee meeting.

CITY OF LAS VEGAS

- "The efforts of this Coalition align with the City's Energy, Transportation, and GHG Emissions goals of the City of Las Vegas 2050 Master Plan...Looking to the future, the City's plan calls for additional policies, environmental justice and equity efforts, and work to reduce impacts from transportation related pollution."
- Presented for EV Charging Basics webinar.

CITY OF NORTH LAS VEGAS

- "The City makes the following commitments:
 - deploying fueling or charging infrastructure
 - championing policies to overcome market barriers,
 - actively participating in projects to advance equitable access to clean mobility solutions,
 - reducing impacts from transportation related pollution."

CLARK COUNTY

- "...Clark County will support the mission of the Coalition through many action items in the County Operations and Community All-In Sustainability and Climate Action Plans. There are numerous goals in these plans to support and equitable transition to cleaner vehicles and alternative modes of transportation through 2050, improving the region's air quality and resiliency while reducing petroleum fuel use and greenhouse gas emissions."
- Partners with SNCCC on programs and events.

NEVADA CLEAN ENERGY FUND

- "NCEF commits to providing technical and financial expertise and assistance on clean vehicles to the Coalition and to Clark County's communities and fleet owners...A core programmatic focus of NCEF is helping Nevada's residents and commercial fleet owners transition their vehicles to run on clean fuels. We work closely with partners such as Southern Nevada Clean Cities and NV Energy in this effort."
- Presented for Business Funding Opportunities webinar.
- Supporting SNCCC to identify funding for electric fire trucks.

NEVADA CLINICIANS FOR CLIMATE ACTION

- "Nevada Clinicians for Climate Action makes the following commitments: Educating members of our community regarding adverse health effects of transportation emissions, actively participating in projects to advance equitable access to clean mobility solutions and advocating for reducing impacts from transportation related pollution."
- Serves as Chair of the Education and Outreach Working Group.
- Tabled at Drive Electric event.

NEVADA CONSERVATION LEAGUE

- "We are enthused to bring our expertise and perspective to this committee to 'foster the nation's economic, environmental, and energy security by working locally to advance affordable, domestic transportation fuels, energy efficient mobility systems, and other fuel-saving technologies and practices' in Clark County, as stated by the US Department of Energy. We look forward to working in partnership to promote clean, energy-efficient transportation in southern Nevada."
- Tabled at Drive Electric event.

NEVADA DEPARTMENT OF TRANSPORTATION

- “Among the commitments made by the Nevada Department of Transportation are:
 - Providing transportation services that are complementary to the Coalition's mission.
 - Promoting clean transportation among public and private stakeholders
 - Utilize and share the processes for collecting and maintaining relevant data sets for guiding clean transportation decisions.
 - Assisting local decision-makers to identify and implement transportation strategies that support Clean Cities Coalition goals.
 - Developing statewide alternative fuel markets through vehicle and fuel infrastructure projects.”
- Serves as Vice Chair for the Advisory Committee.

NEVADA FRANCHISED AUTO DEALERS ASSOCIATION

- “...NFADA will make the following commitments:
 - Expand the product offerings of hybrid, plug-in hybrid electric, electric, and other alternative fuel vehicles available for purchase (contingent upon production from our manufacturer partners).
 - Support and provide vehicle inventory for community events geared towards educating people on alternative fuel vehicles.
 - Continue to advocate and promote market-based policies which will help to reduce carbon emissions.”
- Supported Electric Avenue and Drive Electric events with electric vehicles.

NV ENERGY

- “...NV Energy makes the following commitments:
 - Reduce Greenhouse Gas Emissions.
 - Embrace all forms of Alternative Energy that provide advancement for the environment and especially within the transportation sector.
 - Deploying community advancement for charging infrastructure and resources and partnerships within Southern NV and the communities we serve.”
- Presented for Business Funding Opportunities and EV Charging Basics webinars.
- Tabled at Electric Avenue and Drive Electric events.

REGIONAL TRANSPORTATION COMMISSION

- “The MPO's Regional Planning Manager, Deb Reardon, will serve as an active member of the Coalition's Advisory Board. In this role, Ms. Reardon will participate and contribute to monthly Coalition meetings, share training and education opportunities with a regional network, and encourage participation by public transit and human services transportation providers who manage large fleets. To demonstrate our commitment further, the MPO will also complete the following short-term actions:
 - Incorporate clean mobility and emissions reduction strategies into regional transportation plan updates;
 - Fund and lead the development of a community-scale electric vehicle charging infrastructure study;
 - Track federal transportation funds and grants and share opportunities with the Coalition; and
 - Support the development and implementation of an organizational sustainability plan.”
- Serves as Chair for the Advisory Committee.
- Presented for January 2023 General Member meeting about RTC's Club Ride program.
- Presented for Get to Know the RTC webinar.

SOUTHWEST GAS

- “...Southwest Gas Corporation makes the following commitments:
 - using alternative fuels or advanced vehicles where operationally feasible
 - assist with deploying alternative fueling or charging infrastructure where practical
 - championing transportation-related policies to overcome adoption barriers
 - actively participate in projects to advance equitable access to clean mobility solutions
 - reducing impacts from transportation-related pollution or similar efforts”
- Coordinated a guest speaker for Be Idle Free webinar.

UNIVERSITY OF NEVADA, RENO

- Promoted news of SNCCC apprentice designation in Nevada Business Environmental Program's (BEP) newsletter.
- Provides a link to SNCCC webpage from BEP website.

IDENTITY AND BRANDING

The Advisory Committee voted on both the official name and logo for SNCCC. All communications reflect this identity, whether through emails to members, on the SNCCC webpage [7], or on marketing materials for programs and events. SNCCC has also been promoted on larger All-In Clark County activities and through partnerships with stakeholders.



Figure 3. The SNCCC logo.



PLUG IN! EV CHARGER BASICS

Learn to prep, site, install,
and manage electric
vehicle chargers from our
panel of experts.

Monday, September 25
12:00-1:30PM



Learn more!
<https://tinyurl.com/366j5d2v>

SPEAKERS



Raheel Sadiq
Project Manager,
Renewable Energy -
Electrification, NV Energy



Sarah Booth
COO, Sawatch Labs



Marco N. Velotta
MS, AICP, LEED Green Assoc.
Planning Project Manager,
City of Las Vegas



Leslie L. Mujica
MPA
Executive Director & CMO,
Las Vegas Power
Professionals





National Drive Electric Week™

DRIVE ELECTRIC

Drive Electric Week is presented by:



Largest Drive Electric event in Clark County!



TEST DRIVE ELECTRIC VEHICLES!

SATURDAY, SEPTEMBER 30

12-4pm

Clark County Russell & Decatur Campus
4701 W Russell Rd

Food - Fun for the Family - Free Prizes - Vendors - Music - Education

Meet EV owners & get behind the wheel!
For general info on EVs: NVEVA.org


driveelectricweek.org

Figure 4. Flyers for a SNCCC webinar on EV charging (left) and a Drive Electric event partnered with the Nevada Electric Vehicle Association and hosted by All-In Clark County (right).



ALTERNATIVE FUEL VEHICLE MARKET SNAPSHOT

REGISTERED VEHICLES

The state of Nevada had 2,321,320 registered vehicles as of December 31, 2022. Of that number, Clark County held **1,544,266 registrations**, or 66.5% of the state's total [8]. The majority of vehicles registered in Clark County are gasoline, diesel, and flexible fuel while 69,276 vehicles, or **4.5%, are hybrid or alternative fuel**. See Table 3 and Figure 5 below for more details.

VEHICLE SALES

Nevada saw growth in electric vehicle sales in 2023. Of all newly registered vehicles in the state, the **market share for BEVs was 12.2%** - an increase from an 8.7% share in 2022 [9]. This is considerably higher than the 2023 US average of 8.2% BEV market share. Additionally, HEV registrations were up 46% and PHEVs up 42% in 2023. The Tesla Y and 3 were the top two highest selling out of all vehicle models.

Fuel Type	Registrations
Gasoline	1,329,146
Diesel	56,211
Flexible Fuel	89,226
Hybrid: Gasoline/Electric	39,405
Hybrid: Diesel/Electric	9
Electric (BEV)	22,033
Plug-In Hybrid Electric (PHEV)	6,243
Compressed Natural Gas (CNG)	1,100
Liquefied Natural Gas (LNG)	3
Propane	483
Unknown, Other, or None	407
TOTAL	1,544,266

Table 3. Vehicle registrations in Clark County as of December 31, 2022 [8].

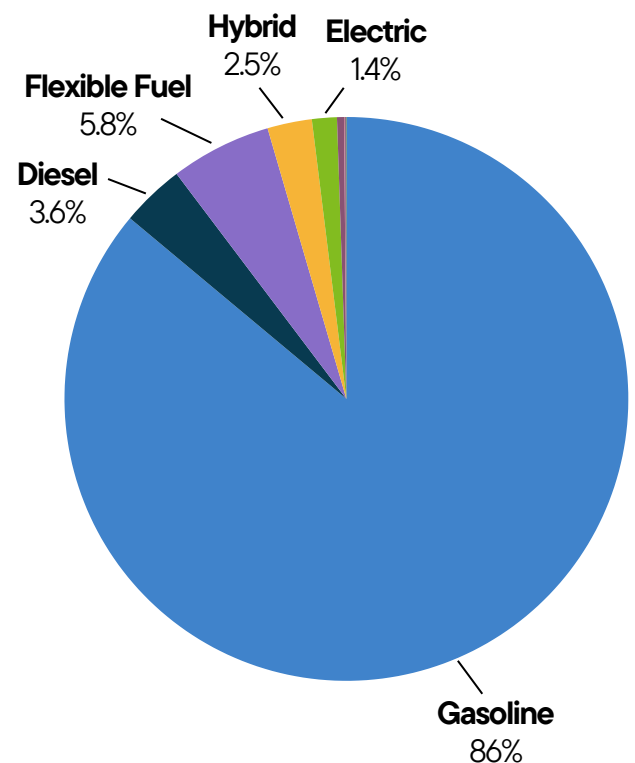


Figure 5. Vehicle registrations in Clark County as of December 31, 2022 [8].

ALTERNATIVE FUEL STATIONS

The DOE Alternative Fueling Station Locator [10] identifies the following publicly available alternative fuel stations in Clark County, as illustrated in Figure 6:

- Compressed Natural Gas: 2
- Ethanol: 17
- Propane: 8
- Biodiesel, Hydrogen, Liquified Natural Gas, and Renewable Diesel: 0

1,433

Publicly available electric vehicle charging stations in Clark County as of April 2024 [11].



Figure 6. Fueling stations in Clark County for compressed natural gas (left), ethanol (center), and propane (right) from the DOE Alternative Fueling Station Locator.

Electric vehicles are becoming increasingly popular in Southern Nevada, with numerous chargers currently available to the public and plans for many more to be installed. According to PlugShare, there are **1,433 charging stations** in Clark County with 161 stations less than 90 days old [11]. This equates to one charger available for every 15.4 registered electric vehicles. Of these chargers, approximately 231 of are free to use.

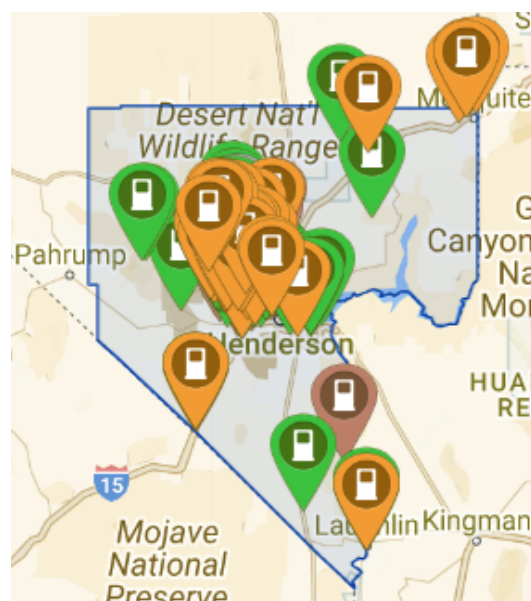


Figure 7. Map of available EV chargers in Clark County from PlugShare.

ALTERNATIVE FUEL PRODUCTION

Southern Nevada has recently seen the addition of two alternative fuel production facilities. The first is Air Liquide, which opened its plant in May 2022 and is their largest **hydrogen production** site in the world [12]. The second is a facility by Edgewood Materials. Currently under construction, the facility will produce over 120 million gallons of **renewable diesel and sustainable aviation fuel** annually [13].

SNCCC has been in contact with representatives from both facilities, and as an institute for sustainable fuel and vehicles, the Coalition will continue to develop a relationship with these key organizations in the coming years.

RELEVANT POLICIES

In 2022, DES coordinated the Transportation Electrification Working Group with local municipalities, agencies, nonprofits, and more to discuss the expanding EV market in Southern Nevada and to prepare for the infrastructure needed to support these vehicles. Through this effort, an **EV charger model ordinance** was created. The ordinance was later adopted in Clark County's updated Title 30 Unified Development Code and went into effect

ENERGY EFFICIENT MOBILITY SYSTEMS

Many startups that promote the DOE's Energy Efficient Mobility Systems (EEMS) pillar of Connected and Automated Vehicles have found a home in Southern Nevada. Halo.Car and Vay both offer an **electric vehicle rideshare** program by delivering a requested car to you without a driver. Motional has electric vehicle "robotaxis" that provide **autonomous rides** on the Las Vegas Strip. A similar offering will be provided by Zoox in 2024, who has been testing autonomous vehicles for several years on the streets of Clark County.

Halo.car is a General Member of SNCCC and the Coalition is actively working to build further relationships with EEMS organizations in the region.

January 1, 2024, requiring EV charging capacity in new buildings in unincorporated Clark County [14]. Other municipalities in Southern Nevada are considering similar requirements.

An additional petroleum fuel reduction policy comes from Section 45 of Clark County's Air Quality Regulations, which limits diesel-powered motor vehicles over 10,000 pounds to **fewer than 15 minutes of idling** per hour [15].

Table 30.04-5: EV Charging Requirements by Land Use

Use	Number ⁽¹⁾	Applicability
Single-Family Dwelling	1 Level 2 outlet (240 volt)	N/A
Multi-Family Dwelling	25% EV-Capable, 3% EV-Installed	25 parking spaces or more
Nonresidential		
Retail and Services	10% EV-Capable, 3% EV-Installed	100 parking spaces or more
Resort Hotel, Hotel or Motel, School, Convention Facility, Group Assembly ^[2] , and Recreational or Entertainment Facilities	25% EV-Capable, 3% EV-Installed	50 parking spaces or more
Warehouse and Distribution, and Manufacturing	5% EV-Capable, 3% EV-Installed	100 parking spaces or more

[1] Based on the required parking spaces for the use, as specified in Table 30.04-2.

[2] Does not include Cemetery, Crematory, or Funeral Home.

Figure 8. EV charging ordinance requirements for Clark County found in the Title 30 Unified Development Code [14].

MEMBERS' ALTERNATIVE FUEL SNAPSHOT

The following contains details on fleets, fuels used, key developments, and relevant strategic plans by SNCCC member organizations.

57

Number of electric vehicles that will be added to Clark County's fleet in 2024 [18].

CITY OF HENDERSON

- Fleet:
 - 1,063 licensed on-road vehicles
 - 614 light-duty
 - 449 medium- and heavy-duty
 - All run on approved alternative fuels, one is BEV
- Fuel:
 - Private fueling sites:
 - Petroleum: 12
 - Biodiesel only: 7
 - Biodiesel and unleaded: 5
 - Electric: 8
 - Total ports: 23
 - Unleaded regular fuel containing 10% ethanol and blended B5 biodiesel
 - All new City of Henderson facilities are being designed with infrastructure to accommodate EV charging
 - Installing public charging stations at two recreation centers
 - 135 publicly available Level 2 and 3 EV charging stations
- Replaced 95 3/4-ton diesel powered pickup trucks with smaller vehicles in last three years.

CITY OF LAS VEGAS

- Fleet:
 - Six EVs and PHEVs
- Fuel:
 - Twelve locations for private EV charging with 75 charging connections
 - 300 publicly accessible EV charging stations
- City of Las Vegas supports electric vehicle charging in its 2050 Master Plan [16], including:
 - actions for design standards
 - EV capable parking requirements for new buildings
 - and reaching a goal of publicly available charging stations of 1.07 per 10,000 residents.
- The City will be launching LV4EV to increase the amount of EV chargers throughout Las Vegas.

CITY OF NORTH LAS VEGAS

- Fleet:
 - 1,120 vehicles and equipment
 - 245 are medium- and heavy-duty
 - 116 use alternative fuel, including 16 hybrid vehicles and one electric van
- Fuel:
 - No private fueling facilities
- City of North Las Vegas has made significant progress over the past two years by replacing vehicles within the Fleet, rightsizing vehicles to meet department needs, and achieving a mix of alternative fueled vehicles.
- Currently have a construction project that will include the ability to add future charging infrastructure to Fleet Operations as City of North Las Vegas procures more EVs in the future.

CLARK COUNTY

- Fleet:
 - 2,747 units, including vehicles, equipment, and trailers
 - 388 are hybrid
 - 9 are BEV
 - 36 are fully electric equipment (carts, forklifts, etc.)
- Fuel:
 - 19 charging stations with 32 charging ports across six County facilities
 - Plans include 46 additional stations with 90 new charging ports
- The County utilizes telematics that alert the fleet coordinator when a vehicle idles for over 15 minutes.
- Harry Reid International Airport, part of Clark County's Department of Aviation, intends to convert all 40 diesel shuttle buses to electric over the next several years, having acquired the first four in November 2023 and 16 more scheduled for delivery by summer 2024 [17].
- In April 2024, the Board of County Commissioners approved just over \$2 million for the purchase of nearly 60 Mustang Mach-E electric vehicles for its fleet [18].

CLARK COUNTY SCHOOL DISTRICT

- Fleet:
 - 1,913 school buses that run 1,500 routes
 - All run on biodiesel
 - 1,464 light-duty vehicles in support fleet
- Accepted delivery of three electric buses through funding from Nevada Division of Environmental Protection and NV Energy.
 - At least 25 more on the way through funding from EPA's Clean School Bus Program and NV Energy's Economic Recovery Transportation Electrification Plan incentives.



Figure 9. EV charging stations at Harry Reid International Airport [19].

LAS VEGAS VALLEY WATER DISTRICT

- Fleet
 - 650 licensed vehicles
 - 215 are medium- or heavy-duty, and all use biodiesel
 - Additional 355 use either E-85, B20 biodiesel, or CNG
 - Several are PHEV or hybrid electric
- Fuel sites:
 - Five private sites throughout Las Vegas Valley offering E85, biodiesel, CNG, and unleaded gas
- The organization is conducting an analysis of its facilities to plan for future fleet electrification infrastructure. As LVVWD is in the infancy stage of the electrification planning process, current available charging infrastructure limits the organization to a short-term goal of two years to increase the electric fleet by 30%.

NEVADA CLEAN ENERGY FUND

- In January 2024, the Environmental Protection Agency announced that it will award NCEF \$7.7 million from its 2023 Clean School Bus Grant Program.
 - The award will replace 25 diesel buses with zero-emission electric school buses across Nevada over the next three years.
- NCEF also anticipates implementing fleet electrification financing programs with Greenhouse Gas Reduction Fund dollars.

NV ENERGY

- Fleet (Southern Nevada):
 - 460 licensed vehicles
 - 3 BEVs
 - 4 hybrid electric
 - 8 using XL Hybrid system technology (OEM electrification up-fit)
 - 52 using Altec JEMS IMS Pluggable technology (jobsite electrification)
- Total Fleet (Nevada):
 - 962 licensed vehicles
 - Additional 8 hybrid electric
 - Additional 57 using Altec JEMS IMS Pluggable technology

REPUBLIC SERVICES

- Fleet (Southern Nevada):
 - 487 licensed vehicles
 - 307 CNG
 - 3-5 minute idling limiter
- Fuel sites:
 - Diesel (private): 14
 - CNG (private): 341 slow fueling and 2 fast filling
- Adding additional 20 CNG vehicles in 2024 and 7 CNG in 2025

REGIONAL TRANSPORTATION COMMISSION

- Fleet
 - 445 fixed route vehicles
 - 430 paratransit cutaway vehicles
 - 88% run on compressed natural gas (CNG)
- RTC has a Zero Emissions Bus Clean Commitment and intends to transition its fleet to 100% zero emissions vehicles by 2050, if funding is available [20].
- The organization has recently acquired four battery electric and five hydrogen buses, as well as one privately available hydrogen fueling skid.

SOUTHWEST GAS

- Fleet (Southern Nevada):
 - 390 vehicles
 - 68 run on CNG
 - On order: 14 CNG and 8 hybrid electric
- Total Fleet (Nevada, central & southern Arizona, southern California)
 - 1,683 vehicles
 - 325 run on CNG
 - 1 BEV
 - 29 hybrid electric
 - On order: 98 CNG, 7 BEV, and 17 hybrid electric

OPERATIONAL PLANS

DIRECTOR SELECTION

Future directors will be **appointed and employed by DES** and will be expected to adhere to County policies. A list of County policies is in [Appendix E](#). DES will work collaboratively with members from the Advisory Committee for feedback on applicants. The Director will be required to have a background in transportation and/or sustainability, with the ideal candidate having experience in Southern Nevada's transportation sector or in another Clean Cities and Communities coalition. They will be expected to follow SNCCC's five-year plan while continuing to build relationships with stakeholders, work with the Advisory Committee, and educate the public on alternative fuels. The Director will physically work within Clark County, as per both County and DOE guidelines. An example job listing for the Director position is in [Appendix F](#).

COALITION OVERSIGHT

While SNCCC is hosted in Clark County's Department of Environment and Sustainability, the Coalition intends to **work collaboratively** to ensure that Southern Nevada reaches the goals of Clean Cities and Communities. The Advisory Committee members have committed to providing their expertise and guidance to each other and the Director, as well as support the Coalition by promoting programs and events. In turn, the Director meets with the Advisory Committee every other month, presenting information on Coalition activities and upcoming programs, with time set aside to receive input on Coalition operations. The Director also supports members' work on sustainable transportation and alternative fuels through social media promotion and via email communications with the General Member base. The current Director and future directors will act in good faith to listen to the recommendations of the Committee and consider their opinions while managing Coalition operations.



ORGANIZATIONAL CAPACITY

SNCCC has demonstrated strong organizational capacity as it has grown and developed into an apprentice coalition, and the Coalition intends to continue building on this progress after it earns full designation into the Clean Cities and Communities network. The Director will maintain the Coalition meeting and programming schedule that has been successful to-date and build on this schedule as membership increases and additional working groups are created.

Typical scheduling for SNCCC is as follows:

- **Advisory Committee meetings** every other month
 - Additional Chair and Vice Chair meetings occurring monthly
- **Education and Outreach Working Group meetings** every other month
 - Additional Chair meetings every other month
- **General Member meetings** every 6 months
- **Educational programming and events** held monthly, on average

The Director is responsible for building the Coalition member base, connecting with stakeholders, conducting all Advisory Committee and Working

Group meetings, and creating and implementing educational programs and events for SNCCC.

The formation of the new Education and Outreach working group, as well as continued partnerships with All-In, will provide the Director with capacity to pursue other responsibilities, such as grant writing and project planning.

SNCCC would be interested in pursuing the **Clean Cities and Communities Accelerate** program through Argonne National Laboratory after earning designation. Working with an intern would not only create more bandwidth at SNCCC but would also support someone who is early in their career to receive experience in the field.

As SNCCC is housed in DES, funding for items like the Director's salary, promotional materials, and office supplies are **provided by Clark County**. Additional budgeting for SNCCC items like convention registration and travel costs for training are arranged annually with DES in a fiscal year that runs from July to June. [Appendix G](#) offers a budget for the first fiscal year of SNCCC.

There are no plans at this time to form a legal nonprofit for SNCCC.



Figure 10. Strategies to build SNCCC's organizational capacity.

FIVE-YEAR GOALS

In the next five years, SNCCC anticipates being a recognized brand for sustainable transportation in Southern Nevada, having a large and active membership base, and contributing to an increase of alternative fuel vehicles on the roads. Through these actions, Clark County will see improved air quality and reduced greenhouse

gas emissions. These ambitions will be accomplished by continuing to provide programs and events that increase the Coalition's reach in the community and targeting projects towards fleet management and workforce development. Success can be determined through the following goals:

Goal 1 Increase membership 10% year-over-year.	
Metrics	Number of members registered for SNCCC
Tracking Frequency	Once per quarter
Resources & Activities Needed	PublicInput software to track registrations (provided by County) Maintaining digital presence through website and social media Targeted programs, projects, and events Participating in events hosted by other organizations Identifying and connecting with key stakeholders through one-on-one meetings
Responsible Parties	Director, Advisory Committee, Education & Outreach Working Group

Goal 2 Increase the number of virtual program attendees by 10% on average, year-over-year.	
Metrics	Average number of people who watch virtual programs live Average number of people who watch virtual program recordings
Tracking Frequency	Total attendance calculated after each program Averages calculated every 6 months
Resources & Activities Needed	Zoom for live participants, YouTube for on-demand viewership Excel to track metrics Canva (online software) to create flyers and social media posts Targeted programs of interest to the community Guest speakers from relevant organizations
Responsible Parties	Director, Advisory Committee, Education & Outreach Working Group

Goal 3	Increase the number of outreach event attendees by 10% on average, year-over-year.
Metrics	Average number of people who attend SNCCC events Average number of people who interact with SNCCC table at outside events
Tracking Frequency	Total attendance calculated after each event Averages calculated every 6 months
Resources & Activities Needed	Handheld tally counter, sign-in sheets Excel to track metrics Canva to create flyers and social media posts Targeted programs of interest to the community Relevant organizations to speak at, table, and/or host events
Responsible Parties	Director, Advisory Committee, Education & Outreach Working Group

Goal 4	Increase engagement with fleet managers.
Metrics	Number of programs and events that target fleet managers Average number of people who attend these programs and events
Tracking Frequency	Total attendance calculated after each program or event Averages calculated once per year
Resources & Activities Needed	Zoom for virtual programs, sign-in sheets for in-person Excel to track metrics Canva to create flyers and social media posts Targeted programs of interest to fleet managers Guest speakers from relevant organizations
Responsible Parties	Director, Advisory Committee, Education & Outreach Working Group

Goal 5	Support All-In Clark County's sustainable transportation goals.
Metrics	These are found in the All-In Plans, and include: <ul style="list-style-type: none"> • Total number of EV registrations • Vehicle Miles Traveled • Transit ridership • Greenhouse gas emissions
Tracking Frequency	Depending on the metric, calculated every 1-3 years by DES staff
Resources & Activities Needed	Access to the All-In Plans Identify overlap between Clean Cities and Communities' and All-In's goals Create programs and projects that are relevant to these overlapping goals
Responsible Parties	Director, Clark County DES

PLANNED PROGRAMS TO ACHIEVE GOALS

SNCCC has offered numerous programs and events either led by the Coalition itself or held in partnership with other organizations. Of note, five Advisory Committee organizations have been guest presenters for these programs, as well as several SNCCC General Members. There have been **36 meetings, programs, and events** since the inception of SNCCC and outreach has totaled **more than 1,900 people**. Programs previously held by SNCCC can be found in [Appendix H](#).

To continue building Coalition recognition and membership, SNCCC intends to organize more online educational programs, particularly with the Northern Nevada coalition. It will also maintain a partnership with All-In Clark County on events to advance the shared goals of reduced greenhouse gases and improved air quality in the region.

SNCCC has recently formed an **Education and Outreach Working Group**, chaired by members from Nevada Clinicians for Climate Action and the Nevada Electric Vehicle Association. The goal of this working group is to find relevant events in the community that SNCCC can support as well as provide educational resources on topics that are of importance to both the local transportation industry and the public.

SNCCC has the following upcoming programs:

- **Lithium-Ion Battery Recycling webinar**
 - Date: August 1, 2024
 - Partner: Redwood Materials
 - Purpose: Educate the public on products that use lithium, how it is recycled and used for new batteries, and where to recycle old batteries.
 - **EV Roadshows**
 - First Date: August 7, 2024
 - First Partner: Caesars Palace
 - Purpose: A series of events where local dealerships bring EVs to companies around Clark County for employees to test drive and ask questions.
 - **Fleet Manager Roundtables**
 - First Date: August 27, 2024
 - First Partner: Sawatch Labs
 - Purpose: An opportunity for SNCCC to listen to and learn from local fleet managers on their experience with alternative fuel vehicles, as well as offer a space for fleet managers to network and share best practices.
 - **Drive Electric Week**
 - Dates: September 27–October 6, 2024
 - Partner: Nevada Electric Vehicle Association
 - Purpose: A week dedicated to EV programming to encourage public interest in electric vehicles.
- SNCCC has been in the process of scoping larger projects to pursue. The Coalition has begun the early stages of these projects by researching, meeting with relevant stakeholders, and outlining the steps needed to pursue these initiatives.
- Identify sources of funding to assist Clark County's Fire Department with the purchase of **electric fire trucks**.
 - They had previously been provided one on loan to pilot and found it suited their needs.
 - They are interested in replacing several diesel models and would like to start with two fire stations that already have charging infrastructure in place.
 - As the costs for electric trucks are significantly higher than diesel, incentives would be needed to make the switch.
 - Offer support to existing relevant **workforce development** programs, or research the feasibility of hosting one through SNCCC.
 - The Director has spoken with representatives from Nevada Power Professionals to learn more about the work they are doing to train electricians on EV charging infrastructure.
 - The Director has also reached out to technical colleges and the College of Southern Nevada's vehicle department to see if training is available for EV maintenance.

COLLABORATION WITH NEIGHBORING COALITIONS

SNCCC is ensuring that it works in partnership with neighboring coalitions and the Clean Cities and Communities network at large. The Director has been participating in **regional meetings** with fellow northwest coalitions for over year. SNCCC has provided a letter of support for **Utah Clean Cities'** Charge West at Scale project [21] and Tammie Bostick, Director for Utah Clean Cities, was a guest speaker at SNCCC's first General Member meeting in September 2022. SNCCC Advisory Committee Vice Chair, Kandee Bahr Worley of the Nevada Department of Transportation, has worked closely with Utah Clean Cities on EV infrastructure projects that connect the western states.

Valley of the Sun was one of the first coalitions contacted by SNCCC for guidance. The Director has spoken to Valley of the Sun's Director and Co-Director on several occasions, and they have also presented to the SNCCC Advisory Committee during its October 2023 meeting. Two members of Valley of the Sun's Board have met with SNCCC to offer insights on creating effective relationships among the Coalition and its Committee members.

Additionally, SNCCC's Director has **met with the following coalitions** to learn about their experience and provide advice on best practices: North Florida Clean Fuels Coalition, Treasure Valley Clean Cities, Southern California Clean Cities Coalition, and Western Riverside County Clean Cities Coalition.

SNCCC has developed a close relationship with representatives from **Northern Nevada** who, at the time of this report, are making strides towards forming a coalition in the region. Christopher Lynch, Director of the Nevada Business Environmental Program at the University of Reno, is a member of SNCCC's Advisory Committee and will oversee the upcoming coalition. SNCCC has begun collaborating with Northern Nevada on educational programs that will benefit stakeholders from both regions, such as webinars that are of interest to stakeholders **across the state**.

The Director has also met with regions interested in forming new coalitions, such as **Alaska and Ozarks** (Missouri), and has offered to provide support on the Clean Cities and Communities apprenticeship process.



OFFERING SUPPORT TO SERVE ADDITIONAL LOCAL AREAS

Being housed within Clark County government limits the ability of SNCCC to expand beyond its previously identified territory. However, the majority of Nevada's population is located in Clark County and the Coalition **works closely with numerous state agencies, nonprofits, and businesses** - several of which are represented in the Advisory Committee. State organizations in the Committee include the Nevada Department of Transportation, Nevada Clean Energy Fund, Nevada Franchised Auto Dealers Association, University of Reno, NV Energy, Southwest Gas, Nevada Clinicians for Climate Action, and the Nevada Conservation League.

SNCCC seeks to collaborate with organizations both locally and across the state. The Coalition

has participated in the Transportation Electrification Working Group in Southern Nevada, the University of Nevada Las Vegas Sustainable Transportation Working Group, National Electric Vehicle Infrastructure (NEVI) planning held by NDOT, and is a member of Partners for a Sustainable Nevada.

Working with the Nevada Governor's Office of Energy, SNCCC intends to collaborate with and support the efforts of the Clean Cities Coalition in Northern Nevada. With both Las Vegas and Reno as two of the top three fastest warming cities in the United States [22], it is imperative that our regions support the efforts to reduce greenhouse gas emissions from sources like petroleum fuels for the **sustainability and resiliency of the Silver State**.



CONCLUSION

Southern Nevada has demonstrated its commitment to creating an effective and driven Clean Cities and Communities Coalition. It has offered numerous meetings, programs, and events that have reached many stakeholders, and the Coalition has determined plans in place to continue to build on this success and grow into a recognizable and trustworthy brand in the community.

Reducing pollution and greenhouse gas emissions while increasing the sustainability and resiliency of the region is a targeted priority for SNCCC's host organization, Clark County government. Therefore, the Southern Nevada Clean Cities Coalition will be guaranteed to have access to necessary resources as it develops its operations in the coming years. Local and state leaders from prominent organizations as well as

neighboring coalitions have already offered considerable support for SNCCC. The Coalition recognizes the time and resources they have provided and is grateful to work alongside so many respected community leaders in Southern Nevada and beyond. SNCCC also recognizes that its future success will be dependent upon these committed stakeholders, and it therefore intends to continue to collaborate closely with them after designation.

The Southern Nevada Clean Cities Coalition is proud of the relationships it has built and the work it has contributed to sustainable transportation in the region. **This coalition is primed for success and it will be an honor to continue these efforts in Southern Nevada and as part of the US Department of Energy's Clean Cities and Communities Network.**



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APPENDIX

A. GENERAL MEMBERS

The following is a list of organizations who have representatives as Members of the SNCCC.

GOVERNMENTS & AGENCIES

- City of Boulder City
- City of Henderson
- City of Las Vegas
- City of Mesquite
- City of North Las Vegas
- Clark County Department of Environment and Sustainability
- Clark County Fire Department
- Clark County Fleet
- Clark County School District
- Governor's Office of Energy
- Harry Reid Airport
- Internal Revenue Service Taxpayer Assistance Center, Las Vegas
- Las Vegas Convention and Visitors Authority
- Las Vegas Metropolitan Police Department
- Laughlin Town Advisory Board
- Library District
- Moapa Valley Town Advisory Board
- Nellis Air Force Base
- Nevada Clean Energy Fund
- Regional Transportation Commission of Southern Nevada
- Republic Services
- Southern Nevada Health District
- Southern Nevada Water Authority/Las Vegas Valley Water District
- University of Nevada Las Vegas
- University of Nevada Reno

NONPROFITS & COMMUNITY GROUPS

- Alliance for Electric School Buses
- American Lung Association
- Army of the Tread
- Beneficial Electrification League
- Chispa
- EMC=3
- Eco.Topia
- The Electrification Coalition
- Nevada Electric Vehicle Association
- International Brotherhood of Electrical Workers (IBEW) 357
- Las Vegas Power Professionals
- Millennium Commercial
- Net Zero Vegas
- Nevada Clinicians for Climate Action
- Nevada Conservation League
- Nevada Franchised Auto Dealers Association
- Partners for a Sustainable Nevada
- Renewable Envoy
- Resort Association
- Southern NV Home Builders Association
- Southern NV Conservancy
- Southwest Energy Efficiency Project (SWEEP)
- Tesla Owners of Las Vegas
- Western Resource Advocates
- World Resources Institute

VEHICLE PROVIDERS & VEHICLE TECHNOLOGY

- Altec
- Arcimoto
- Automotive Business Services
- Cobalt
- Cummins
- Ford
- GM
- McCandless Truck Center
- Navistar
- Orbital Electric Systems
- Pure Watercraft
- Tesla
- Towbin
- Urban Mobility Systems
- XOS Trucks

UTILITIES, FUEL PROVIDERS, & FUEL TECHNOLOGY

- ABM
- Arro Autogas
- BP Pulse Fleet
- Delta Liquid Energy
- Geotab
- McKinstry
- Moxion Power
- Nidec
- NV Energy
- NV Petroleum Marketers & Convenience
Store Association
- Rivotto
- Sawatch Labs
- Shell Recharge
- Southwest Gas
- ZEF Energy
- USA Fleet Solutions

FLEETS

- Allegiant Stadium
- American Medical Response
- BellTrans
- Boyd Gaming
- Commute with Enterprise
- Enterprise (Alamo/National)
- GMT Care
- Halo.car
- Kaptyn
- Las Vegas Paving Corp
- MGM
- NPL Construction
- Resorts World
- Sands Corp
- Taxi Management
- US Foods
- Valley Electric
- Wynn Resorts
- Yellow Checker Star Transportation

B. ADVISORY COMMITTEE GUIDELINES

Below are the guidelines for the SNCCC Advisory Committee.



Southern Nevada Clean Cities Coalition Advisory Committee

Fiscal Year 2025 Operating Guidelines

Background

The Clean Cities Coalition is a national network dedicated to the economic, environmental, and energy security of the country and works with coalitions at the local level to promote petroleum fuel reducing methods in their communities. Established in 1993 and run through the US Department of Energy (DOE), the Clean Cities Coalition has reduced the use of petroleum by nearly 13 billion gasoline gallon equivalents to date.

The action items in both its County Operations and Draft Community All-In Sustainability and Climate Action Plans, Clark County's Department of Environment and Sustainability (DES) include working towards reestablishing a Coalition in Southern Nevada. This designation will provide our community with recognition in a long-standing and nationally respected organization, enable the community to pursue its many sustainable transportation goals, and provide members access to federal funding only available to coalitions.

Clark County will lead the Clean Cities Coalition and fund the Director who will run its meetings, programming, and reporting to the DOE. As part of the Clean Cities Coalition designation process, potential coalitions must establish a supportive committee to guide its work and provide expertise around the subjects of sustainable transportation and alternative fuels and vehicles.

Purpose

The Southern Nevada Clean Cities Advisory Committee (Committee) is an advisory group convened by the Southern Nevada Clean Cities Coalition (SNCCC) through DES. The Committee broadly represents the

diverse interests and needs of the transportation- and sustainability-related sectors in Clark County with the specific objective of reducing petroleum fuel use in Southern Nevada.

The goal of the Advisory Committee is to develop consensus advice and recommendations to SNCCC regarding petroleum reducing strategies as well as programs and projects. This advice should also support the community's interests and needs pertaining to future economic growth and sustainable development of the region. The Committee will also be a forum to review policy and planning proposals from other local, state, or federal agencies that could impact fuel use in Clark County, and the Committee should provide recommendations on those proposals to minimize or mitigate impacts to fuel-related sectors in Southern Nevada. It is the intent of the Committee to work cooperatively with various fuel-related agencies to develop and advance productive relationships for alternative fuel use in Clark County to achieve greenhouse gas and other air pollutants emissions reduction.

Through participation in Committee meetings, advice on petroleum reduction strategies, and the ongoing responsibilities of Committee members to communicate with their respective constituencies, the Committee will assist the broader public in becoming more informed and meaningfully involved with sustainable transportation in Clark County.

Membership

- The Committee will be comprised of a minimum of 9 and maximum of 15 members who are appointed by SNCCC through DES.
- The Committee will represent a balance of stakeholder interests like, but not limited to:
 - Fleet managers
 - Vehicle providers
 - Fuel providers
 - Municipalities
 - Public Organizations
 - Nonprofits
- Members will have a term for one (1) year, ending June 30, 2025, with the option to request an additional year provided the member is in good standing.
- Members may appoint an alternate to stand-in for them at meetings and during voting.
- If a member or their alternate miss more than three (3) meetings in a year, they will be considered for replacement.
- Members will assist the Director in reporting and data collection for DOE reports and communications when possible.
- Members will benefit from enhanced opportunities for training and education for themselves and for their organizations.
- Members will benefit from opportunities to access federal funding only available for coalitions to further fuel transition projects.

Operations

- The Committee is advisory to SNCCC and DES staff.
- The Committee will be respectful of each other, recognizing the group's diversity and different points of view.
- The Committee will be responsible for speaking for the interests and concerns of the organizations, institutions, and constituencies they represent.
- The Committee will work to achieve consensus as much as possible.
- Committee members may be asked to participate in subgroups to tackle specific, limited tasks and these subgroups will present the information they found and their recommendations to the Committee.
- Committee meetings will be open to the public. The public will be invited to make comments at the start and end of meetings.
- Committee members will agree to recommendations given by the Committee by consensus whenever possible. Members that cannot live with the consensus of the Committee will be noted and invited to provide written comments that will be included verbatim.
- Committee meetings will be convened every other month, unless otherwise determined by consensus.
 - It is anticipated that there will be six (6) meetings in one (1) year.
- Meetings are expected to be one (1) to two (2) hours.
- The Committee will vote for a Chair and Vice Chair at the start of the term.
- The Chair will run Committee meetings, approve meeting agendas created by the Director, direct Committee decision-making, strive to reach consensus among the group during voting, and sign reports sent to the DOE.
- The Vice Chair will support the Chair and assume responsibilities of the Chair in their absence.

Outcomes

The Committee members, with the assistance of the Director, will be expected to accomplish the following during their term:

- Present information and provide recommendations to the Director and DES on market trends, new technologies and studies, policies, laws and regulations, and potential projects and programs to match to grants and incentives around sustainable transportation and alternative fuels.
- Provide data, when possible, about alternative fuels and vehicles in Clark County to be used for reports to the DOE.
- Develop and guide long-term working groups, comprised of SNCCC stakeholders, that focus on the community's needs around sustainable transportation and alternative fuels.
- Develop SNCCC programming and projects to educate stakeholders on alternative fuels and vehicles and promote the reduction of petroleum fuels.
- Promote SNCCC and recruit new stakeholders to the coalition.

Signature of Committee Member

Print Name

Organization Represented

Date

C. ADVISORY COMMITTEE BIOGRAPHIES

Biographies for the members of the inaugural SNCCC Advisory Committee can be found below.

DEBORAH REARDON, AICP

Chair, SNCCC Advisory Committee
Regional Planning Manager, Regional Transportation Commission of Southern Nevada

Deb is a planning manager at the Regional Transportation Commission of Southern Nevada's (RTC) Metropolitan Planning Organization. In this role, Deb oversees administration of the Southern Nevada Strong Regional Plan and a team that works to further sustainability, economic resiliency, transportation equity, healthy communities, and inclusive public engagement. Prior to joining the RTC, Deb held planning positions with the National Park Service and City of Henderson and worked as a construction project engineer. She holds a Bachelor of Architectural Engineering degree from Penn State and a Masters of Sustainable Transportation from the University of Washington.



KANDEE BAHR WORLEY

Vice Chair, SNCCC Advisory Committee
Division Chief – Sustainability and Emerging Transportation, Nevada Department of Transportation

Kandee Bahr Worley serves as the Division Chief for Sustainability and Emerging Transportation at the Nevada Department of Transportation. As the sustainability liaison, over the last five years, she has driven the implementation of emerging and sustainable transportation programs, focusing on expanding alternative fuels, including electric vehicle (EV) infrastructure, that will accelerate EV adoption and decrease greenhouse gases statewide. She is also a Co-Chair of the RevWest Committee, which assists eight western states – Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming in their electrification roadway efforts. In 2019, the governors of these states signed a Memorandum of Understanding (MOU) to provide a framework for EV corridors. The goal is to provide the states with support by implementing activities such as enhancing EV adoption and coordinating EV charging stations throughout the western states and Intermountain West. Through this opportunity, Bahr Worley developed partnerships between emerging transportation services and sustainable transportation to create the necessary infrastructure for the State of Nevada. Results include the Federal Highway Association's designation of the first completed corridor in the west, the I-15. Bahr Worley is appointed to implement the necessary state plan for the Infrastructure Investment and Jobs Act. This plan will address the earmark of \$38 million allocated to Nevada to develop an electric vehicle charging infrastructure statewide over the next several years.



JOANNE LEOVY, MD

Chair, SNCCC Education and Outreach Working Group
Steering Committee Chair, Nevada Clinicians for Climate Action

Joanne Leovy, MD is a family practice physician. She attended University of Washington Medical School, completed family medicine residency at University of Wisconsin-Madison, and has practiced in Southern Nevada for more than 20 years. In addition to clinical work, she is Steering Committee chair for Nevada Clinicians for Climate Action and speaks regularly about climate impacts to health. She serves on the Board of the Clark County Medical Society, as a delegate for the Nevada Academy of Family Physicians, and as volunteer Nevada state co-coordinator for Citizens Climate Lobby. In her capacity as a member of a federal Disaster Medical Assistance Team, she deploys for natural disaster relief.



LEONARDO BENAVIDES

Government Affairs Manager, City of North Las Vegas

Leonardo is the Government Affairs Manager for the City of North Las Vegas. Before that he was the Government Relations Coordinator with the Clark County School District so he is no stranger to Nevada State Legislature. Prior to his work advocating on behalf of local governments, Leonardo graduated from the William S. Boyd School of Law at the University of Nevada, Las Vegas where he was a student attorney at the UNLV Immigration Clinic. He has interned with the Legal Aid Center of Southern Nevada during the Nevada Legislative Session as well as with the Legislative Counsel of California. Before law school, Leonardo also worked at the College of Southern Nevada and with U.S. Senator Dean Heller. When not working, Leonardo enjoys traveling, watching movies, and walks with his family.



DAVID BOURN

Fleet Manager, Las Vegas Valley Water District

David Bourn is serving as the Fleet Manager for the Las Vegas Valley Water District. He has 28 years of experience in the automotive industry, and 14 years of public fleet management experience. He has obtained Certified Automotive Fleet Specialist (CAFS) certification through NAFA Fleet Management Association and is recognized as a World Class Technician through the National Institute for Automotive Service Excellence (ASE).



JAMES CORDERO

Assistant Manager of Automotive Services, Clark County

James Cordero is the Assistant Manager of Automotive Services for Clark County. Mr. Cordero is responsible for overseeing all fleet activities including maintenance operations, fleet acquisitions and disposal, budget, generator maintenance, contracts, and purchasing. With a fleet of nearly 3,000 assets maintained, the Automotive division serves all 38 County departments and provides fleet services throughout all areas of Clark County including Moapa, Laughlin, Indian Springs, and Mt. Charleston. Cordero has more than 13 years of government experience in fleet management and vehicle maintenance operations. He possesses a Business degree from the College of Southern Nevada.



TORY JACKSON

Sustainability and Climate Manager, City of Henderson

Tory Jackson is the City of Henderson's Sustainability and Climate Manager. She joined the City in late 2023 and will be spearheading and expanding upon the Climate Response Initiative as part of the City's strategic plan priority to make Henderson a healthy, livable, and sustainable city. As a professional civil engineer, she has a diverse technical background in transportation and water resources and leverages both her engineering and planning experience in her current role. Prior to the City, she worked for a private engineering firm for 12 years as a lead in emergency management, sustainability, and resiliency in the firm's transportation group.



RANDY KOSS

Fleet Services Manager, NV Energy

CHRISTOPHER LYNCH

Director, Nevada Business Environmental Program, The College of Business at the University of Nevada, Reno

Chris leads the Nevada Business Environmental Program providing environmental regulatory compliance and permitting assistance and environmental sustainability strategic planning assistance to businesses statewide. Chris is also interested in alternative fuels and fleet electrification. He is leading efforts to establish a complementary Clean Cities and Communities Coalition in northern Nevada having a primary focus on Reno-Tahoe, but which would also serve statewide clean transportation fleet and infrastructure needs outside of Clark County.



ANDREW MACKAY

Executive Director, Nevada Franchised Auto Dealers Association

Andrew MacKay is the Executive Director of the NV Franchised Auto Dealers Association, the business trade association representing Nevada's new car, light truck, and heavy duty truck dealers. Prior to joining NFADA, he served as the Chairman of the Nevada Transportation Authority. MacKay is a fourth generation Nevada native and graduated from the University of Nevada with a Bachelor's of Science Degree in Business Administration.



JUSTIN MAHANA

Administrator/Corporate Fleet Management, Southwest Gas

Justin L. Mahana is a seasoned professional with extensive experience in fleet management and aerospace ground equipment. In his current role as Administrator/Corporate Fleet Management at Southwest Gas Corp since October 2018, he has excelled in building positive relationships within and outside the organization. Notably, he was vital in obtaining executive approval for an innovative RFP process for a new Fleet Information System, a groundbreaking achievement in the company's history. Justin has also chaired a company-wide Fleet Committee, bringing together 22 executives and departmental leaders to drive standardization and process improvements. His initiatives include creating a fleet catalog and managing an \$8 million fuel program focusing on analytical software for trend identification and fraud prevention.

Previously, as the Fleet Manager at ZMD Logistics Inc. from October 2017 to October 2018, Justin revamped the end-to-end maintenance program, implemented commercial fleet management software, and conducted thorough analyses during the vehicle sourcing process. His role extended to standardizing the fleet, minimizing overhead, and maximizing operational efficiency. Justin's extensive background also includes over two decades of service in the USAF, holding various roles such as Aerospace Ground Equipment Production Superintendent, Maintenance Support Section Chief, and NCOIC of Training Assessment/Evaluations. He has received certifications in DOT Safety Inspection and Lean Six Sigma (Green Belt) and holds a Security Clearance (SECRET), among other accolades. Justin has actively contributed to the professional community as a Southern Nevada Fleet Association Board Member since April 2018.



LORI OLSON-ARZAGA

Director of Environmental Services, Clark County School District

Lori Olson-Arzaga is the Director of Environmental Services for Clark County School District, which is the 5th largest in the nation. Lori has been at CCSD since 2015 and is responsible for directing a responsive team that takes care of resolving district-wide environmental health issues and complaints. She has successfully developed, maintained, and implemented new environmental programs to ensure district-wide compliance with established environmental laws and regulations, as well as district policies and procedures. Under her direction, Environmental Services is responsible for serving 322,000 students and more than 41,000 employees. This includes 351 schools and approximately 2,500 buildings that are in 14 cities throughout southern Nevada!

Lori is on a mission to improve the learning environment for students, teachers, and staff, to yield better health for all occupants and student academic performance. Trained as an environmental scientist, Lori has a unique 37-year background in efficiently and professionally investigating, monitoring, and resolving environmental issues. Lori leads a responsive team to link indoor air quality, energy efficiency, and preventive maintenance together for healthy schools. Aimed at improving Heating, Ventilation, and Air Conditioning (HVAC) performance and reducing energy costs while promoting healthier spaces for learning, she is implementing an HVAC System and Energy Performance Evaluation and Indoor Air Quality (IAQ) Sensors Program for the District's schools. This includes the installation of a smart thermostat platform to assess HVAC unit performance, air filtration efficacy, and replacement strategies, and the installation of IAQ continuous monitoring sensors in classrooms.



KIRSTEN STASIO

Chief Executive Officer, Nevada Clean Energy Fund

Kirsten Stasio is CEO of the Nevada Clean Energy Fund (NCEF), a nonprofit organization and the state's green bank. Kirsten has over a decade of clean energy experience across the investment, policy, education, and start-up sectors. Before joining NCEF, Kirsten worked at an energy investment firm where she scaled investments in renewable energy across the US. Her early career began in Washington DC at the World Resources Institute (WRI) where she worked with policymakers around the world to implement ambitious climate policies. Kirsten holds MBA and MS degrees from Stanford University and a BA in international relations from the University of California, Davis.



BRAD TOMM

Sustainability Manager, Harry Reid International Airport

Brad Tomm is a Sustainability Manager, LEED AP and MBA with more than ten years of leadership experience in the fields of sustainable operations, energy management, and project management. He is currently leading the sustainability efforts at Harry Reid International Airport (LAS) in Las Vegas, Nevada.



MARCO VELOTTA, MS, AICP, LEED GREEN ASSOC

Planning Project Manager and Chief Sustainability Officer, City of Las Vegas

Marco Velotta, MS, AICP, LEED Green Assoc. is a Planning Project Manager and Chief Sustainability Officer of the City of Las Vegas. He graduated from the University of Nevada in 2006 with a Bachelor of Science in Geography, Math minor and a Master's in City Planning in 2008. Marco leads the management and implementation of the City's Strategy for Community Resilience, Net-Zero Energy, and Sustainability to conserve and reduce the City's consumption of energy, water, and waste by overseeing renewable energy, energy efficiency, water conservation, recycling, and alternative transportation efforts. As a part of the Community Development Department's Comprehensive Planning Division, he works on citywide plans and led the development of the City of Las Vegas 2050 Master Plan, a thirty-year vision for the future of Las Vegas. He also works on a variety of programs, including Nevada's first Commercial Property Assessed Clean Energy (C-PACE) program, climate mitigation and adaptation efforts, EV charging infrastructure, TOD planning for future high-capacity transit, bicycle infrastructure development, and the development of transit-oriented zoning for Las Vegas. Marco is the Professional Development Officer of the American Planning Association's Nevada Chapter.



KRISTEE WATSON

Executive Director, Nevada Conservation League & Education Fund

Kristee Watson has lived in southern Nevada for over 30 years and has a background in finance, small business management, non-profit programming, and federal grant processes. As Executive Director at Nevada Conservation League, and previously Deputy Director, Kristee recognizes that environmental policy protects underserved communities, improves overall health, and supports a thriving economy. Since Nevada is home to two of the fastest-warming cities in the country, it's imperative that we educate, organize, and pass meaningful legislation to combat the climate crisis.



D. ADVISORY COMMITTEE LETTERS OF COMMITMENT

The next several pages contain the commitment letters provided by the SNCCC Advisory Committee.

HENDERSON

May 9, 2023

Mark S. Smith
Program Manager, Technology Integration
Vehicle Technologies Office
U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585

Subject: Letter of Support

Dear Mr. Smith:

On behalf of the City of Henderson, the Community Development and Services Department (CD&S) will support the Southern Nevada Clean Cities Coalition of Clark County, Nevada, as the coalition seeks formal designation by the U.S. Department of Energy as a Clean Cities Coalition. To serve the coalition and its mission to advance sustainable and equitable transportation, CD&S will support data needs and work to develop and implement planning projects that advance the mission of the Coalition.

We look forward to collaborating with you and other stakeholders to achieve full Clean Cities designation. Thank you for including us.

Sincerely,



Lisa M. Corrado, AICP
Director of Community Development and Services



**LAS VEGAS
CITY COUNCIL**

CAROLYN G. GOODMAN
Mayor

BRIAN KNUDSEN
Mayor Pro Tem

VICTORIA SEAMAN
OLIVIA DIAZ
FRANCIS ALLEN-PALENSKE
CEDRIC CREAR
NANCY E. BRUNE

JORGE CERVANTES
City Manager

DEPARTMENT OF
COMMUNITY DEVELOPMENT

SETH T. FLOYD
DIRECTOR

CITY HALL
495 S. MAIN ST.
3RD FLOOR
LAS VEGAS, NV 89101
702.229.6301 | VOICE
702.464.2545 | FAX
711 | TTY



cityoflasvegas
lasvegasnevada.gov

April 10, 2023

Mark S. Smith
Program Manager, Technology Integration
Vehicle Technologies Office
U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585

RE: Clark County, NV Clean Cities Coalition

Dear Mr. Smith,

The City of Las Vegas, NV supports the Clark County, NV as we seek formal designation by the U.S. Department of Energy as a Clean Cities coalition. This letter details specific commitments the City of Las Vegas is making to serve the coalition and its mission in Southern Nevada to advance sustainable and equitable transportation.

I commit personally to serve as an active member on the Coalition to support regional plans to deliver impact on the Clean Cities mission in Southern Nevada. The efforts of this Coalition align with the City's Energy, Transportation, and GHG Emissions goals of the City of Las Vegas 2050 Master Plan. The City has already made numerous advances in clean energy and transportation and was a part of original Clean City efforts in the 1990's. Since then, the City was the first public entity in Nevada to acquire alternative fuels in its municipal fleet, and was the first to purchase electric vehicles and install hydrogen fueling and electric vehicle charging infrastructure for fleet and public use. Looking to the future, the City's plan calls for additional policies, environmental justice and equity efforts, and work to reduce impacts from transportation related pollution.

The City looks forward to working with our coalition director, other coalition stakeholders, the U.S. Department of Energy, and others to achieve full Clean Cities designation. I understand this will require my time and energy. After the new coalition earns designation, I pledge to continue supporting the coalition and fulfill these commitments to advance the Clean Cities mission in Southern Nevada.

Thank you,

Marco N. Velotta, AICP
Planning Project Manager
City of Las Vegas
Department of Community Development

Mayor
Pamela Goynes-Brown

City Manager
Ryann Juden

Council Members
Isaac E. Barron
Ruth Garcia-Anderson
Scott Black
Richard J. Cherchio



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www.cityofnorthlasvegas.com

June 8, 2023

Mark S. Smith
Program Manager, Technology Integration
Vehicle Technologies Office
U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585

Dear Mr. Smith,

On behalf of the City of North Las Vegas I write this letter to demonstrate our support for the Clark County's Department of Environment and Sustainability as they seek formal designation by the U.S. Department of Energy as a Clean Cities coalition. This letter details specific commitments the City of North Las Vegas is making to serve the coalition and its mission in Southern Nevada to advance sustainable and equitable transportation.

Leonardo Benavides, City of North Las Vegas Government Affairs Manager, serves as an active member on the Clean Cities Coalition Advisory Committee. Additionally, the City is a member of the County Transportation and Electrification Working Group.

The City makes the following commitments:

- deploying fueling or charging infrastructure,
- championing policies to overcome market barriers,
- actively participating in projects to advance equitable access to clean mobility solutions,
- reducing impacts from transportation related pollution.

We look forward to working with our coalition director, other coalition stakeholders, the U.S. Department of Energy, and others to achieve full Clean Cities designation. I understand this will require time and energy. After the new coalition earns designation, I pledge to continue supporting the coalition and fulfill these commitments to advance the Clean Cities mission in Clark County.

Sincerely,

Rebecca Gipson
Assistant City Manager



4701 W. Russell Road 2nd Floor
Las Vegas, NV 89118-2231
Phone: (702) 455-5942 • Fax: (702) 383-9994
Marci Henson, Director

June 1, 2023

Mark S. Smith
Program Manager, Technology Integration
Vehicle Technologies Office
U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585

**Re: Letter of Commitment for the Coalition Advisory Committee's Application for
Clean Cities Coalition**

Dear Mr. Smith:

On behalf of the Clark County Department of Environment and Sustainability, please let this letter of commitment serve as support for the Southern Nevada Clean Cities Coalition's application for an apprenticeship designation into the US Department of Energy's Clean Cities Coalition.

In addition to housing the Southern Nevada Clean Cities Coalition and funding its Director, Clark County will support the mission of the Coalition through many action items in the County Operations and Community All-In Sustainability and Climate Action Plans. There are numerous goals in these plans to support an equitable transition to cleaner vehicles and alternative modes of transportation through 2050, improving the region's air quality and resiliency while reducing petroleum fuel use and greenhouse gas emissions.

Clark County is leading by example in the community and is already in the process of turning away from petroleum fuels and moving to alternative fuel vehicles within its operations. In Fiscal Year 2024, the Automotive Department plans to replace approximately 43 gasoline vehicles to electric. Additionally, the Las Vegas Harry Reid International Airport will replace its 40 diesel shuttle buses with electric over the next several years, starting with four buses in late 2023. There are also plans to install electric vehicle chargers in employee parking lots at several County buildings, after having conducted site walks and applying for infrastructure funding in 2022.

I urge your full support and approval of the Southern Nevada Clean Cities Coalition's application.

Sincerely,

Marci D. Henson, Director

cc:
Jodi Bechtel, Assistant Director, DES

BOARD OF COUNTY COMMISSIONERS

JAMES B. GIBSON, Chair

JUSTIN C. JONES • MARILYN KIRKPATRICK • WILLIAM MCCURDY II • ROSS MILLER • MICHAEL NAFT • TICK SEGERBLOM
KEVIN SCHILLER, County Manager



April 12, 2023

Mark S. Smith

Program Manager, Technology Integration
Vehicle Technologies Office
U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585

Dear Mr. Smith,

I write on behalf of the Nevada Clean Energy Fund (NCEF) to commit support for Southern Nevada Clean Cities ("the Coalition") as the Coalition seeks formal designation by the U.S. Department of Energy as a Clean Cities Coalition. This letter details specific commitments NCEF and I are making to serve the Coalition and its mission to advance sustainable and equitable transportation in Clark County.

First, I commit to serve as an active member of the Southern Nevada Clean Cities Advisory Committee and to support the Coalition's plans to deliver impact on the Clean Cities mission in Clark County.

Second, NCEF commits to providing technical and financial expertise and assistance on clean vehicles to the Coalition and to Clark County's communities and fleet owners. NCEF was established by Nevada statute in 2017 as a nonprofit organization to accelerate financing and technical assistance for clean energy projects in the state in a way that creates jobs, mitigates climate change, and lowers energy costs. NCEF serves as Nevada's green bank. A core programmatic focus of NCEF is helping Nevada's residents and commercial fleet owners transition their vehicles to run on clean fuels. We work closely with partners such as Southern Nevada Clean Cities and NV Energy in this effort.

NCEF and I look forward to working with our coalition director, other coalition stakeholders, the U.S. Department of Energy, and others to achieve full Clean Cities designation. I understand this will require my time and energy. After the new coalition earns designation, I pledge to continue supporting the coalition and fulfill these commitments to advance the Clean Cities mission in Clark County.

NCEF appreciates this opportunity to support Southern Nevada Clean Cities and welcomes any questions on this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "K. Stasio".

Kirsten Stasio

CEO, Nevada Clean Energy Fund
(775) 737-0975
kirsten@nevadacef.org



NEVADA CLINICIANS FOR CLIMATE ACTION

March 6, 2023

Mark S. Smith
Program Manager, Technology Integration
Vehicle Technologies Office
U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585

Dear Mr. Smith:

On behalf of Nevada Clinicians for Climate Action, I commit my support for the Clark County Department of Environment and Sustainability as we seek formal designation by the U.S. Department of Energy as a Clean Cities coalition. This letter details specific commitments Nevada Clinicians for Climate Action and I are making to serve the coalition and its mission in Southern Nevada to advance sustainable and equitable transportation.

First, I commit personally to serve as an active member on the Southern Nevada Clean Cities Coalition's Advisory Committee to support the Southern Nevada Clean Cities Coalition plans to deliver impact on the Clean Cities mission in Southern Nevada.

Second, Nevada Clinicians for Climate Action makes the following commitments:

Educating members of our community regarding adverse health effects of transportation emissions, actively participating in projects to advance equitable access to clean mobility solutions and advocating for reducing impacts from transportation related pollution.

Nevada Clinicians for Climate Action and I look forward to working with our coalition director, other coalition stakeholders, the U.S. Department of Energy, and others to achieve full Clean Cities designation. I understand this will require my time and energy. After the new coalition earns designation, I pledge to continue supporting the coalition and fulfill these commitments to advance the Clean Cities mission in Southern Nevada

Sincerely,

Joanne Leovy, MD
Nevada Clinicians for Climate Action organizer and steering committee member



Nevada Conservation League & Education Fund

March 14, 2023

Mark S. Smith
Program Manager, Technology Integration
Vehicle Technologies Office
U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585

Re: Southern Nevada Clean Cities Coalition Letter of Commitment from Nevada Conservation League

Dear Mr. Smith,

Nevada Conservation League is pleased to offer a letter of commitment to the Southern Nevada Clean Cities Coalition to develop policies and programs in Clark County to support clean air, clean water, and access to parks.

As the independent political voice of Nevada's conservation community, our mission is to translate conservation values into political and policy priorities that we actively promote so all Nevada communities can thrive. We recognize that certain communities are disproportionately impacted by environmental degradation and climate disruption. We are enthused to bring our expertise and perspective to this committee to "foster the nation's economic, environmental, and energy security by working locally to advance affordable, domestic transportation fuels, energy efficient mobility systems, and other fuel-saving technologies and practices" in Clark County, as stated by the US Department of Energy.

We look forward to working in partnership to promote clean, energy-efficient transportation in southern Nevada.

Sincerely,

Kristee Watson
Deputy Director
Nevada Conservation League

*Are your representatives voting for your environmental values?
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www.conservationcorecard.org

Printed in-house



JOE LOMBARDO
Governor

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION
1263 S. Stewart Street
Carson City, Nevada 89712

TRACY LARKIN THOMASON, P.E.
Director

Letter of Commitment

March 23, 2023

Mark S. Smith
Program Manager, Technology Integration
Vehicle Technologies Office
U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585

Dear Mr. Smith:

The Nevada Department of Transportation ("NDOT") actively supports the Clark County Department of Environment and Sustainability in pursuing formal designation by the US Department of Energy as a Clean Cities Coalition (NDOT). This letter details specific commitments NDOT and I are making to serve the coalition and its mission to advance sustainable and equitable transportation throughout Clark County.

Among the commitments made by the Nevada Department of Transportation are:

- Providing transportation services that are complementary to the Coalition's mission.
- Promoting clean transportation among public and private stakeholders
- Utilize and share the processes for collecting and maintaining relevant data sets for guiding clean transportation decisions.
- Assisting local decision-makers to identify and implement transportation strategies that support Clean Cities Coalition goals.
- Developing statewide alternative fuel markets through vehicle and fuel infrastructure projects.

In addition, I, Kandee Bahr Worley, commit personally to serving as an active member of Clark County Clean Cities Advisory Committee by:

- Contributing to the mission of the Clark County Clean Cities Coalition by supporting its plans.
- Leading efforts to increase the efficiency and success of projects.
- Reducing emissions that impact air quality and public health by promoting innovation and efficiency in transportation.

We are committed to being active members and strong stakeholders of the Clark County Clean Cities Advisory Committee. Thank you all for your leadership efforts.

Kandee Bahr Worley

Kandee Bahr Worley

Division Chief – Sustainably and Emerging Transportation
Planning Department



05/02/2023

Mark S. Smith
Program Manager, Technology Integration
Vehicle Technologies Office
U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585

Dear Mr. Smith:

On behalf of NV Energy, I commit my support for Clark County Clean Cities Coalition as we seek formal designation by the U.S. Department of Energy as a Clean Cities coalition. This letter details specific commitments NV Energy and I are making to serve the coalition and its mission in Clark County NV, to advance sustainable and equitable transportation.

First, I commit personally to serve as an active member on Clark County Clean Cities Coalition Advisor board, to support Clark County Clean Cities Coalition plans to deliver impact on the Clean Cities mission in Clark County NV.

Second, NV Energy makes the following commitments:

Reduce Greenhouse Gas Emissions.

Embrace all forms of Alternative Energy that provide advancement for the environment and especially within the transportation sector.

Deploying community advancement for charging infrastructure and resources and partnerships within Southern NV and the communities we serve.

NV Energy and I look forward to working with our coalition director, other coalition stakeholders, the U.S. Department of Energy, and others to achieve full Clean Cities designation. I understand this will require my time and energy. After the new coalition earns designation, I pledge to continue supporting the coalition and fulfill these commitments to advance the Clean Cities mission in Clark County NV.

Sincerely,

Randy Koss
Fleet Manager
NV Energy
7155 Lindell Rd B99F/S
Las Vegas NV 89118



May 19, 2023

Mark S. Smith

Program Manager, Technology Integration
Vehicle Technologies Office
U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585

Dear Mr. Smith:

On behalf of the Nevada Franchised Auto Dealers Association (“NFADA”), a business trade association representing Nevada’s new car, light-truck, and heavy-duty truck dealers responsible for selling more than 250,000 new and used vehicles, I commit my support for the Clark County Clean Cities Advisory Committee (“Committee”) as we seek formal designation by the U.S. Department of Energy as a Clean Cities coalition. This letter details specific commitments NFADA and I are making to serve the Committee and its mission in Clark County, Nevada to advance sustainable and equitable transportation.

First, I commit personally to serve as an active member on the Committee’s advisory or governing board, and to support the Committee’s plans to deliver impact on the Clean Cities mission in Southern Nevada.

Second, NFADA will make the following commitments:

- Expand the product offerings of hybrid, plug-in hybrid electric, electric, and other alternative fuel vehicles available for purchase (contingent upon production from our manufacturer partners).
- Support and provide vehicle inventory for community events geared towards educating people on alternative fuel vehicles.
- Continue to advocate and promote market-based policies which will help to reduce carbon emissions.
- Become a due-paying member of the Committee.

We look forward to working with our coalition director, other coalition stakeholders, the U.S. Department of Energy, and others to achieve full Clean Cities designation. I understand this will require my time and energy. After the new coalition earns designation, I pledge to continue supporting the coalition and fulfill these commitments to advance the Clean Cities mission in Clark County, Nevada.

Sincerely,

Andrew J. MacKay
Executive Director



600 S. Grand Central Parkway | Suite 350, Las Vegas, NV 89106

rtcsonv.com | 702.676.1500 |     

May 17, 2023

Mark S. Smith
Program Manager, Technology Integration
U.S. Department of Energy
Vehicle Technologies Office
1000 Independence Ave., SW
Washington, DC 20585

Re: Southern Nevada Clean Cities Coalition Designation

Dear Mr. Smith:

On behalf of the Regional Transportation Commission of Southern Nevada's Metropolitan Planning Organization (MPO), we commit support to the Southern Nevada Clean Cities Coalition (Coalition) as the partnership seeks formal Clean Cities designation by the U.S. Department of Energy. This letter details specific commitments we are making in support of the Coalition and its mission to advance sustainable and equitable transportation in Clark County, Nevada.

The MPO's Regional Planning Manager, Deb Reardon, will serve as an active member of the Coalition's Advisory Board. In this role, Ms. Reardon will participate and contribute to monthly Coalition meetings, share training and education opportunities with a regional network, and encourage participation by public transit and human services transportation providers who manage large fleets. To demonstrate our commitment further, the MPO will also complete the following short-term actions:

- Incorporate clean mobility and emissions reduction strategies into regional transportation plan updates;
- Fund and lead the development of a community-scale electric vehicle charging infrastructure study;
- Track federal transportation funds and grants and share opportunities with the Coalition; and
- Support the development and implementation of an organizational sustainability plan.

We look forward to working with the Clark County Department of Environment and Sustainability, Coalition stakeholders, the U.S. Department of Energy, and others to achieve full Clean Cities designation. We understand this will require time and resources from the agency. After the new coalition earns designation, we pledge to fulfill these commitments to advance the Clean Cities mission in Southern Nevada.

Sincerely,



MJ Maynard
Chief Executive Officer
Regional Transportation Commission of Southern Nevada

E. CLARK COUNTY DEPARTMENT OF ENVIRONMENT AND SUSTAINABILITY POLICIES

The following is a list of current policies that DES staff, including the SNCCC Director, are expected to follow. Subject to change.

Policies

- [AQP-001_Vehicle Policy](#)
- [AQP-002-R1_Nellis-Creech AFB Entry](#)
- [AQP-014_Dept Smartphone Use](#)
- [AQP-016-R4_BCC Agenda Process](#)
- [AQP-017-RO_Developing a SIP Rule](#)
- [AQP-018-RO_Preparing for and Responding to Exceptional Events](#)
- [AQP-019-RO_Compliance Review of Permits](#)
- [AQP-020-RO_Inclusive Decision-making](#)
- [AQP-021-RO_Communication and Information Exchange](#)
- [AQP-022-RO_Compliance Div Review of Permit Patterns](#)
- [AQP-023-RO_Mandatory Permit Writer Site Visits](#)
- [AQP-026-RO_Cross-Divisional Shadowing](#)
- [AQP-028-RO_Annual Stationary Source Invoicing](#)
- [AQP-029-RO_Interim_Perf_Test_Data_Entry](#)
- [AQP-034-RO_OT for Permit App Minor Revisions](#)

Other

- [AFB Entry](#)
- [Fiscal Directive # 6 - Purchasing and Contract Administration](#)
- [Fulfilling Records Requests](#)
- [Records Request Policy](#)
- [Workplace Medical Emergency Procedures](#)

Principles and Values

- [Air Quality Core Values+](#)
- [DAQ Mission Statement](#)
- [Clark County Core Values](#)

Time and Attendance

- [Acknowledgement form](#)
- [Kronos Time Keeping \(Last Updated Mar '10 \)](#)
- [Time & Attendance Policy](#)

Clark County Links

- [Clark County Administrative Guidelines](#)

Administration

- [ADM-001-R1_SOP Development](#)
- [ADM-002-R3M1_Time and Attendance Policy](#)
- [ADM-004-R2M1_Dress Code](#)
- [ADM-008-R1M0_Records Request Policy](#)
- [ADM-009-ROM0_Fulfilling Records Requests](#)
- [ADM-010-R1_News Media Policy](#)
- [ADM-011_Russell Road Facility Guidelines](#)
- [ADM-012_Front Counter Guidelines](#)
- [ADM-013-R1_Front Counter Backup](#)
- [ADM-015-R1_Mobile Device Use policy](#)
- [ADM-016-R1M1_Updating the CPI](#)
- [ADM-017-ROM1_Payment_Instrument_Acceptance](#)
- [ADM-018-RO_Front Desk Credit Card Machine](#)
- [ADM-019-RO_EIR Submittal Date](#)
- [ADM-022-R2 Software Compliance](#)
- [ADM-023-ROM1_Hard Copy Doc Disposal](#)

F. DIRECTOR JOB LISTING

A prepared job description is provided below. This can be used if Clark County DES has the need to hire a new SNCCC Director.



Southern Nevada Clean Cities Coalition Position: Director

Clark County's Department of Environment and Sustainability (DES) is seeking a Director to manage the Southern Nevada Clean Cities Coalition (SNCCC). Clean Cities and Communities is a national network run through the US Department of Energy (DOE) and is dedicated to the economic, environmental, and energy security of the country by working at the local level to promote petroleum fuel reducing methods. SNCCC is part of Clark County's All-In sustainability efforts, and the coalition is housed within DES.

The goal for SNCCC is to reduce petroleum fuel use in Southern Nevada by promoting the transition to alternative fuels and vehicles and encouraging idling reduction strategies. The Director will work in partnership with local vehicle fleet managers, fuel providers, municipalities, trade unions, community organizations, and more, to find and implement strategies that reach this goal. Strategies may include one-on-one meetings, educational programs, in-person events, and larger, joint projects with partners.

The Director will be responsible for growing the coalition's membership base, collaborating with a core Advisory Committee and additional working groups, managing programs and events, and supporting sustainable transportation targets for Southern Nevada. They will also be responsible for regularly meeting with the DOE and other coalitions and completing necessary reports to track alternative fuel use in the region. The Director will be employed by Clark County and is expected to hold residency within the County.

Responsibilities:

- Ensure that coalition performance meets Active and Effective Requirements¹ to maintain [DOE designation](#) as part of Clean Cities.
- Serve as primary or lead coalition POC with DOE and facilitate communication (as relevant) between board leadership, host organization management, and stakeholders.
- Serve as principal external spokesperson for the coalition at events (e.g., conferences, forums, ribbon-cuttings).
- Collaborate closely with and support stakeholders, especially the coalition advisory or governing board or committee, including meetings and functions of this group and any sub-committees.

¹ Information about Active and Effective Requirements is available in the Coalitions Toolbox and Coalition Director Handbook.

- In collaboration with advisory or governing board, lead or facilitate development of a multiyear coalition strategic plan.
- Develop annual and quarterly work plans that include ongoing improvement and execution of existing and new mission-aligned and strategic projects, programs, and activities.
- Provide day-to-day management of internal administration and external programs/activities.
- Access and help other staff leverage substantial information and technical support from DOE, its national laboratory partners, and the peer network of coalition directors and staff.
- Provide or ensure provision of trusted technical assistance² (TA) to stakeholders, especially those responsible for deployment and execution of clean transportation solutions.
- Conduct or oversee research on mission-aligned funding opportunities to help stakeholders deploy advanced (particularly low to zero emissions) vehicle technologies and fueling/charging infrastructure.
- Directly engage or oversee engagement with government officials around best practices (including applicability of existing law/policy) to remove barriers to and otherwise advance cleaner transportation choices.
- Offer support from the coalition to regulated fleets in meeting Energy Policy Act AFV-acquisition requirements.
- Lead efforts to build the capacity of the coalition to deliver greater mission impact, including developing additional government and nongovernment sources of funding for expanded coalition activities.
- Ensure performance and timely reporting of deliverables to DOE and other funders.
- Ensure development and regular updates of coalition communications, including but not limited to website or webpage, social media, earned media, email, and newsletter. (Ensure communications adhere to DOE's Branding and Messaging Guidelines³.)
- Participate in Clean Cities partnership activities, including national and regional peer exchanges and meetings. (Facilitate participation of additional coalition staff and stakeholder leadership, as allowed and relevant.)
- Engage, collaborate with, and support peer coalition directors.
- Ensure responses are given to requests from DOE for information in a timely manner.
- Supervise staff (administrative, program execution, interns, others) and consultants as appropriate.

Experience and Qualifications:

Qualified candidates will be excellent communicators, self-starters, motivators, leaders, organizers, and project developers or managers. Directors should possess creativity; strong professional organization skills; outreach, education, political, and consensus-building skills; and have a functional understanding of technical issues, including policies, related to alternative fuels and alternative fuel technologies (e.g., alternative fuel vehicles, electric vehicles, idle reduction, energy efficiency).

² TA should be centered on iterative dialogue with stakeholders (especially those responsible for on-the-ground execution of technology deployments, programs, or policies) and based on priorities that are driven and defined by stakeholders. The goal is successful implementation that advances progress and learning toward a decarbonized transportation system future. The coalition should engage industry solution providers and experts to serve this process without driving it based on their business interests.

³Clean Cities Branding Guidelines are available on the Coalitions Toolbox.

Additional qualifications include:

- Experience working with diverse groups with differing goals/agendas. Strong consensus-building skills are essential for this role.
- Planning, organizing, and managing multiple priorities.
- Developing and implementing strategic plans and programs.
- Understanding the legal and regulatory environment and government programs, including laws, regulatory mandates, and grant programs.
- Understanding intergovernmental relations, political implications, and barriers.
- Understanding environmental/ecological principles.
- Preparing and managing budgets.
- Researching, evaluating, and analyzing.
- Preparing and presenting technical materials to a variety of audiences.
- Working with word processing software, spreadsheets, databases, and web-development tools.

G. BUDGET

Below is SNCCC's budget for the July 2024 through June 2025 fiscal year.

Southern Nevada Clean Cities Coalition Budget Fiscal Year July 2024 - June 2025		
	Requested	
A. Personnel (Salaries and Wages)		
A.1 SNCCC personnel		
Director salary (Full-time DES Environmental Specialist position, \$30.57 - \$47.42 hourly)	\$ 98,634.00	Maximum
Personnel Subtotal	\$ 98,634.00	
B. Fringe Benefits		
B.1 Director fringe benefits		
Can include vacation time, tuition reimbursement, etc.	\$ 29,590.00	Maximum
Fringe Benefits Subtotal	\$ 29,590.00	
C. Training (Fees, Travel, Per Diem)		
C.1 Clean Cities Training Workshop in St Paul (September 2024) for 2 staff		
Airfare for 2 at \$500 round trip	\$ 1,000.00	
Hotel for 2 at \$250/night (4 nights)	\$ 2,000.00	
Per Diem for 2 at \$64/day (4 days)	\$ 512.00	
C.2 ACT Expo in Anaheim (May 2025) for 1 staff		
Airfare for 1 at \$300 round trip	\$ 300.00	
Hotel for 1 at \$250/night (4 nights)	\$ 1,000.00	
Per Diem for 1 at \$64/day (4 days)	\$ 256.00	
Full Conference Pass for 1 at \$525	\$ 525.00	
C.3 Korn Ferry training (virtual) for 2 staff		
Fees for 2 at \$1295	\$ 2,590.00	
Training Subtotal	\$ 8,183.00	
D. Equipment		
D.1 Equipment to support Director		
PC/laptop, computer screens, keyboard/mouse	\$1,500	
Equipment Subtotal	\$ 1,500.00	
E. Supplies		
E.1 Office supplies to support SNCCC programs and events		
To create informational handouts (paper/ink), run in-person meetings (clipboards/name tags), etc.	\$ 1,000.00	
Supplies Subtotal	\$ 1,000.00	
F. Contractual		
Contractual Subtotal	\$ -	
G. Construction		
Construction Subtotal	\$ -	
H. Other		
H.1 Events and programming		
Social media ads, branded displays, informational handouts, giveaways, etc.	\$ 10,000.00	
H.2 Advisory Committee development		
Meeting supplies, training, etc.	\$ 2,000.00	
Other Subtotal	\$ 12,000.00	
I. Indirect		
	\$ -	
Indirect Subtotal	\$ -	
Total SNCCC expenses for 2025 fiscal year	\$ 150,907.00	
Total accounted for SNCCC in Clark County DES budget for 2025 fiscal year	\$ (150,907.00)	
TOTAL FUNDRAISING/INCENTIVES NEEDED FOR SNCCC OPERATIONS	\$ -	

H. MEETINGS, PROGRAMS, AND EVENTS TO-DATE

The following provides details on meetings, educational programs, and events held by SNCC from its inception through April 2024.

Advisory Committee Meetings (online)	Topics and Guest Speakers	Attendance
April 2023	Voted on coalition name, determined chair and vice chair	14 members
June 2023	Voted on coalition logo	12 members
August 2023	Covered Clean Cities Mission and how it applies to our region	12 members
October 2023	Guest speakers from Valley of the Sun Clean Cities	13 members
December 2023	Guest speaker from City of Sunderland UK	10 members
February 2024	Announced new Committee Chair and the formation of an Education and Outreach Working Group	11 members
April 2024	Deb Reardon (Chair) ran a scoping exercise for the Charging and Fueling Infrastructure (CFI) grant	9 members
June 2024	Reviewed Program Plan and discussed committee membership for upcoming fiscal year	12 members

Working Group Meetings (online)	Topics	Attendance
March 2024	Determined structure and purpose of group	5 members
May 2024	Discussed potential collaborations	5 members
July 2024	Workshopped EV Roadshow	4 members

General Member Meetings	Guest Speakers	Attendance
Inaugural meeting: October 2022 (online)	All-In Clark County, Utah Clean Cities	52 live views, 24 YouTube views
January 2023 (online)	All-In Clark County, Regional Transportation Commission's Club Ride	42 live views, 20 YouTube views
April 2023 (in person)	All-In Clark County, Mean Green Mowers	28 attendees
July 2023 (online)	All-In Clark County, Nevada Electric Vehicle Association	38 live views, 31 YouTube views

Webinars	Guest Speakers	Outreach
Business Funding Opportunities for Alternative Fuel Vehicles	Nevada Clean Energy Fund and NV Energy	25 live views, 32 YouTube views
The Road to Better Health	Nevada Clinicians for Climate Action and American Lung Association	55 live views, 25 YouTube views
Be Idle Free	Stealth Power, USA Fleet Solutions, IDLE FREE Guy	29 live views, 24 YouTube views
Getting to Work: Medium and Heavy Duty EVs	DANNAR, Lightning eMotors, North American Council for Freight Efficiency (NACFE)	33 live views, 17 YouTube views
Plug In! EV Charger Basics	NV Energy, Sawatch Labs, City of Las Vegas, Las Vegas Power Professionals	30 live views, 21 YouTube views
Electric Recreation	TerrainHopper USA, Pure Watercraft, DRR USA, Grounded RV	33 live views, 9 YouTube views
Get to Know RTC	Regional Transportation Commission	75 live views, 32 YouTube views
EV Myth Busting	Nevada Electric Vehicle Association	155 live views
EV Tax Credits	Nevada Electric Vehicle Association	97 live views

Events and Miscellaneous	Details, Partnerships, and Guest Speakers	Approximate Outreach
FleetCon	SNCCC at exhibitor booth	75 attendees
NV Energy EV Ride and Drive	SNCCC at exhibitor booth	100 attendees
EV 101 for Clark County Employees (1 webinar and 1 in-person program)	Partnered with All-In	100 between both live programs, 34 YouTube views
Lightning Day	Partnered with Lightning eMotors	15 attendees
Regional Transportation Commission's (RTC) Coordinated Transportation Plan	SNCCC as a guest speaker	10 RTC members
Electric Avenue expo	Partnered with All-In, had 15 vendors including an EV ride and drive, e-bikes, and electric lawn equipment	200 attendees
Nevada Resorts Association (NRA) Environmental Sustainability Working Group	SNCCC as a guest speaker	12 NRA members
Connecticut Southwest Area Clean Cities Coalition Coast-to-Coast EV Road Trip	Meet and greet with SNCCC and Nevada Electric Vehicle Association (NVEVA)	5 participants from NVEVA
Rivian Electric Adventure Demo Day	Partnered with All-In Clark County	15 attendees
Drive Electric expo and presentations	Partnered with All-In, had 25 vendors including car dealers, community groups, and idle-free caterers	250 attendees
EV 101 at Summerlin Library (three separate events)	Partnered with Nevada Electric Vehicle Association	58 attendees between all three programs
EV 102 at Summerlin Library	Partnered with Nevada Electric Vehicle Association	25 attendees

TOTAL SNCCC MEETINGS, PROGRAMS, AND EVENTS (September 2022 - July 2024): 39		
TOTAL OUREACH NUMBERS: 1,933		