



## NEWSLETTER

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Clean Cities Coachella Valley





## Potential Benefits, Limitations, and Reality of V2X

In the latest episode of On the Go, NREL researchers Andrew Meintz and Jesse Bennett discuss technologies that connect electric vehicles to buildings, the electric grid, and other infrastructure. Vehicle-to-X connectivity includes vehicle-to-load (V2L), vehicle-to-building (V2B), and vehicle-to-grid (V2G) integration. Andrew and Jesse share applications of V2X, the near-term outlook for these uses, technical challenges, and barriers that will need to be overcome for broader use of V2X.

## Mobile Functionality Added to Alternative Fueling Station Locator

The screenshot shows the Alternative Fueling Station Locator app interface. On the left, a list of stations is displayed with details such as the station name, address, and distance. The main map shows the Palm Springs area with various fueling stations marked by colored pins. A legend on the right identifies the fuel types: Biodiesel (red), CNG (blue), Electric (green), Ethanol (yellow), Hydrogen (light blue), LNG (black), Propane (purple), and Renewable Diesel (orange). The bottom navigation bar includes links for iPhone App, Android App, Developer APIs, Embed Tool, Submit New Station, and About the Data.

The Alternative Fueling Station Locator now incorporates updates that improve its functionality for mobile users. The changes allow smoother, more convenient navigation of the map and search features on mobile devices. Users can easily navigate the station map and list views, as well as find stations along a route. They can also adjust station selection filters, including location, fuel type, and payment type.

# Funding Opportunities

## Announcing the 2023 Clean School Bus Grant Program

EPA is announcing the 2023 Clean School Bus (CSB) Grant Program! This is the first grant funding opportunity through the multi-year funding program and follows the 2022 CSB Rebate Program, which was the first round of funding. Under the 2023 Grant Program, EPA anticipates awarding approximately \$400 million in competitive grant funding to eligible applicants for the purchase of zero-emission (ZE) school buses, clean school buses, and ZE charging infrastructure.

## DOE Clean Energy Infrastructure Program & Funding Opportunities

With \$97 billion in funding from President Biden's Bipartisan Infrastructure Law and the Inflation Reduction Act, the U.S. Department of Energy is focused on expanding its existing and creating new pathways for federal investments in research and development, demonstration, and deployment programs to help to achieve carbon-free electricity in the U.S. by 2035 and a net-zero economy by 2050.

## Fiscal Year 2023 Advanced Vehicle Technologies Funding Opportunity

The U.S. Department of Energy's Vehicle Technologies Office (VTO) announced a new \$99.5 million funding opportunity. VTO's fiscal year 2023 funding opportunity, will support projects to reduce soft costs to improve EV charging infrastructure in underserved communities, provide consumer education on EVs and EV charging, and develop batteries that use low-cost, abundant materials. This funding opportunity seeks the participation of underserved communities and underrepresented groups.

# News & Events



## CALSTART Publishes Zero-Emission Truck Report

The third publication in CALSTART's Zeroing in on Zero-Emission Trucks series, this market update highlights the continued increase in medium- and heavy-duty (MHD) zero-emission truck (ZET) deployments in the United States. This analysis offers insights into state-specific markets that can help inform policymakers, original equipment manufacturers, and fleet owners of both market and policy opportunities for future ZET deployments.

## Joint Office Released the EV-Charging Analytics and Reporting Tool

EV-ChART, to be released in early 2024, will provide a web-

based centralized hub for submitting electric vehicle (EV) charging infrastructure data under 23 CFR 680.112. EV-ChART will provide a streamlined data submission process and an integrated set of analytics tools, connect to other data sources, and empower data sharing and access among stakeholders, including the public.



### **USDA Announces Webinars on Inflation Reduction Act Programs to Advance Clean Energy Initiatives in Rural America**

U.S. Department of Agriculture (USDA) Rural Development Rural Utilities Service Administrator Andy Berke today announced that USDA will host a series of webinars to help organizations learn how to apply for financial assistance to advance clean, affordable and reliable electric energy in rural America.

### **The National Charging Electric Consortium (ChargeX)**

The ChargeX Consortium is a new effort led by U.S. Department of Energy national laboratories that will work to rapidly develop solutions that ensure a reliable and frictionless charging experience for all Americans.

Argonne National Laboratory, Idaho National Laboratory, and the National Renewable Energy Laboratory will collaborate with organizations representing a cross-section of the EV charging industry on complex issues that require multi-stakeholder collaboration to solve and simplify.

The Consortium already has commitments from more than 25 companies and organizations working to support the deployment of a reliable national charging network. The ChargeX Consortium builds on the foundation for charging reliability established by the minimum standards for Federal Highway Administration Title 23 funded EV charging infrastructure projects and complements the Ride and Drive Electric funding opportunity.



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## **Sustainable Fleet Technology Conference & Expo 2023**

August 14-16, 2023 | Raleigh, NC |

The Sustainable Fleet Technology Conference & Expo brings together leading fleets and technology providers to showcase the latest and greatest transportation technologies, fuels and trends. The conference includes strong focus on data driven decisions and tools.

The full two-day event includes keynote presentations, 50+ panelists, 16 breakout sessions, an expo hall with ample space for indoor vehicle/equipment display, and an opportunity to network with 300+ attendees.

[Register today!](#)

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## **Green Transportation Summit & Expo (GTSE)**

August 22-24, 2023 | Tacoma, WA |

The 12th Annual GTSE is the West Coast's best resource for fleets, community organizations, industry, policymakers, and thought leaders to join to advance green transportation.

The conference is comprised of three days of networking, information sessions, workshops, vehicle walk-throughs, and great accommodation provided with the 3-day pass. The 2023 show will also bring back the highly praised Ride-and-Drive event, giving everyone the chance to experience firsthand what clean transportation looks and feels like.

Sessions and Workshops include:

- People of Color in Green Spaces
- The Great Western Carbon Conference
- Live Demonstration in Expo Hall - EV High-Voltage Tech Training
- AccelerateH2 (Hydrogen Fuel Cell Program Track)

Join GTSE23 to celebrate the 30-year anniversary of Clean Cities!

[Register today!](#)

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## "ZEB Con" Zero Emission Bus Conference

September 26-28 2023 | San Diego, CA|

ZEB Con is the premier event for transportation professionals leading the charge to electrification. From initial community advocacy to electrifying a full depot and managing on-going ZEB operations, conference content spans the entire journey to zero-emission.

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### *Where can I direct questions?*

Any questions regarding Clean Cities Coachella Valley can be directed to Edith Hernandez at 760-343-3456 or reach us via our website.

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[Visit our website](#)

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