

The latest news for you

Erika Luther <ELuther@Cleancitiessacramento.org>

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To: Sacramento Clean Cities Subscribers <subscribers@Cleancitiessacramento.org>

May 10, 2024

Sacramento Clean Cities' goal is to reduce fossil petroleum consumption in the transportation and energy sectors.

In this May 10th eNewsletter from Sacramento Clean Cities

Upcoming Grants - *Funding for a wide range of transportation and energy programs and projects*

Upcoming Workshops - *Participate in the decision making process*

New Updates, Regulations & Requirements - *Regulations and requirements that may affect your operations*

Alternative Fuel & Zero-Emission Insights - *Learn what's new and what's coming soon*

Conferences, Programs - *Educational, networking and presentation opportunities*

Presentations Slides and Videos from Previous Sacramento Clean Cities Webinars

- Presentation Slides and Recordings posted [Here](#)

Special Announcements

NorCal Fleet Academy & Expo

June 5 & 6 - Sacramento

Here is a sample of the **Professional Training** that will be offered

- Fleet Managers:

- ZEV Transition Planning, Advanced Clean Fleets Regulation
 - Technicians
 - Cummins Insight, Altec Hydraulics, Bendix Air Brakes, Vaccon, LD & HD Drivetrain Safety & Maintenance, Welding
 - Spec Writers
 - Spec Writing for HD EVs, Innovative Truck Body Developments
 - Technology Displays
 - ZEVs from Blue Dot, Peterbilt, Kenworth, Volvo, Mack, Battle Motors, Maxion
- This training is being produced by the Sacramento Clean Cities Coalition in partnership with MEMA, East Bay Clean Cities, NAFA and the Sac Metro Air District.

CARB Fleet Rule Workshop

June 20 (Virtual)

- “High Priority Fleets” Q&A Session
- Registration is Required (session will be recorded)

Read more [Here](#)

Grants Accepting Applications

VW Zero-Emission Freight and Marine (ZEFM) Grant Fund Open

- \$20M Available
- Stacking with CORE Allowed
- Eligible equipment includes forklifts (>8,000#) Airport GSE, Terminal Tractors, Ferries/Tug Re-powers, Shore Power & More
- First-come, First-served basis until funding is exhausted

Read more [Here](#)

Innovative Small E-Fleet (ISEF) Funding

- \$83M set aside for ISEF within the HVIP Program
- Incentives for small fleets that seek to deploy battery electric or hydrogen fuel cell trucks
- Fleets with < 20 trucks and <\$15M annual revenue (NGOs are exempt from

the revenue cap)

- Program runs until all funds are allocated

Read more [Here](#)

CARB & CEC Zero-Emission School Bus & Infrastructure Funding

- Bus Funding \$375M, Infrastructure Funding \$125N
- Available May 14

Read more [Here](#)

\$54 Million Communities Taking Charge Accelerator Funding Opportunity DE-FOA-0003214

- Funding e-mobility charging solutions for individuals without access to home charging
- Funding charging and deployment solutions for electrified ultra-light, micro, light, and medium-duty fleets
- Funding projects that accelerate solutions in the EV charging ecosystem
- Applicants must submit a concept paper by May 20, 2024, and full applications are due July 16

Read more [Here](#)

EPA's \$3B in Two Port Grants

- \$2.8B for ZE Port Equipment and Infrastructure
- \$150M for Climate and Air Quality Planning
- Application Deadline May 28

Read more [Here](#)

DOE FOA 0003229 - Communities Sparking

Investment in Transformative Energy

- Deliver direct local community benefits of clean energy
- Spark additional investments in communities that create long-term local economic development
- Advance community-identified energy priorities and right to self-determination.
- Build capacity and partnerships in local governments and Tribes.
- Minimum Grant Size: \$900K; Maximum Grant Size: \$3.6M
- Applications Due May 31

Read more [Here](#)

DERA Tribal and Territory Grant Program in Spring

EPA has announced that their 2024 “Diesel Emission Reduction Act” (DERA) grant program for Tribes and Territories will be available this Spring.

Read more [Here](#)

EPA Clean Heavy-Duty Vehicles (CHDV) \$939M Grant Program

- Eligible applicants include: States, Municipalities, Public Schools, Indian Tribes
- Eligible vehicles include: Class 6 & 7 vehicles
- Eligible projects costs include: Incremental cost of ZEV, infrastructure purchase & installation, driver and technician training, project management
- Applications due July 25

Read more [Here](#)

NREL \$5M Clean Bus Planning Program

The National Renewable Energy Laboratory (NREL) has announced planning grants to provide technical assistance to create customized bus electrification plans.

- Applications for assistance are open on a rolling basis through Sept. 30,

2024

Read more [Here](#)

EPA \$2B Environmental and Climate Justice

- Support for community-driven projects
- Environmental and Climate Justice grants
- Grants targeting clean energy and resilience including low- and zero-emission technologies and workforce development supporting the reduction of greenhouse gas emissions
- Applications reviewed on a rolling basis for one year, closing on November 21, 2024

Read more [Here](#)

Sacramento Clean Cities Sponsors Make the News!

DOE Notice of Intent to Fund MD/HD Truck Charging

- Innovative charging solutions and grid/power management strategies
- Truck depots concentrated near ports, warehouses, and other logistics operations or Truck stops/travel centers along key freight corridors

Read more [Here](#)

Hyzon Builds First Hydrogen Fuel Cell Refuse Truck

Hyzon has partnered with New Way to build the first zero-emission hydrogen fuel cell refuse truck, an automated side loader. Recology, one of the largest refuse companies in the US will be using the truck on residential routes picking up 1,200 totes.

Read more [Here](#)

DOE AI for Infrastructure Applications

The DOE has identified 10 categories where AI can be applied to the energy sector: infrastructure operational awareness, high-complexity modeling and simulation, active controls, predictive maintenance, anomalous event detection and diagnosis, malicious event detection and diagnosis, forecasting, system planning, resource exploration and extraction and scenario generation.

Read more [Here](#)

Alternative Fuel Insight

CostCo EV & PHEV Deals

CostCo is offering a \$1K incentive on certain Volvo EVs and PHEVs from May 1 to July 31. These include the 2024 XC40 and C40 Recharge, the XC60 Recharge and XC90 Recharge PHEVs and the 2025 XC60 and XC90 PHEVs.

Read more [Here](#)

EV Market Share Drops

The California New Car Dealers Association reports that the sale volume of EVs increased in Q1 2024 but the market share of EVs declined.

Read more [Here](#)

Electrify America

Electrify America is set to expand its EV charging network by 25% in 2024, aiming to reach 5,000 chargers by year-end. With plans for larger stations and enhanced payment tech, this growth signals a significant step in supporting electric vehicle infrastructure.

Read more [Here](#)

More Wind Turbines Less Wind

The Energy Information Administration published a report indicating that wind turbine capacity increased by 6.2 gigawatts in 2023 but wind turbine power

production decreased by 2.1% due to slower average wind speeds across the country.

Read more [Here](#)

UCO From China May Be Tainted

Concerns are being raised that the Used Cooking Oil (UCO) being imported from China may be falsely labeled. The concern is that it is being blended with Palm Oil. Use of Palm Oil encourages deforestation.

Read more [Here](#)

Tesla Layoffs

Tesla had announced that they were laying off 10% of their workforce but two additional layoff announcements from Tesla bring the actual number closer to 20% across many departments including software, service, and engineering.

Read more [Here](#)

Carbon Intensity Updates

California Average Grid Electricity Carbon Intensity: California average grid electricity used as a transportation fuel in California: 79.43 to 81.49gCO₂e/MJ.

Check CARB Carbon Intensity (CI) Pathways [Here](#)

Current LCFS Credit Value \$52.50

Conferences and Programs

ACT Expo 2024

May 20 - 23 - Las Vegas Convention Center

- Discover sustainable vehicle tech at #ACTexpo! Gain insights from industry leaders, learn about trends, funding, and regulations, and explore innovative solutions shaping #transportation's future.
- Major Vehicle OEMs and Suppliers
- Comprehensive showcase of advanced clean commercial vehicles, technologies, and services
- Zero-emission vehicles and renewable fuels to comply with tightening

regulations

- Latest technologies under one roof, test drive dozens of vehicles, and make valuable industry connections

Read more [Here](#)

Green Technology Summit & Expo

Green Technology Summit & Expo - August 20-22, 2024 in Tacoma, Washington

"Accelerate to Zero"

www.gtsummitexpo.com

The Green Technology Summit and Expo (GTSE) is now accepting proposals to join our program. Major presentation categories include:

- Fleet Sustainability & Decarbonization
- AI / Drone Technology Advancements
- Cybersecurity
- Workforce Development
- Renewable Fuels & Technologies
- Heavy Duty & Medium Duty Decarbonization
- Energy Resilience
- Developing Zero Emission Infrastructure
- Utility Programs & Policy
- Transportation Policy and Incentives
- Environmental Justice
- Navigating Road Blocks in Sustainable Transportation
- Transportation Hubs
- Hard to Decarbonize Sectors
- Technical Training

Submission Deadline: February 25th, 2024

For more information contact: info@gtsummitexpo.com

Forth Electric Transportation Conference

September 24-26, 2024 in Detroit, Michigan

<https://www.roadmapforth.org/>

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Sacramento Clean Cities Coalition | 916 - 622 - 8433

Erika Luther

Sacramento Clean Cities

(916) 260-1201

eluther@cleancitiessacramento.org