

Clean Transportation: UW Extension Clean Energy Funding Series



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Wisconsin Clean Cities
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CLEAN CITIES COALITION NETWORK

Wisconsin Clean Cities
"Driving Wisconsin Forward!"



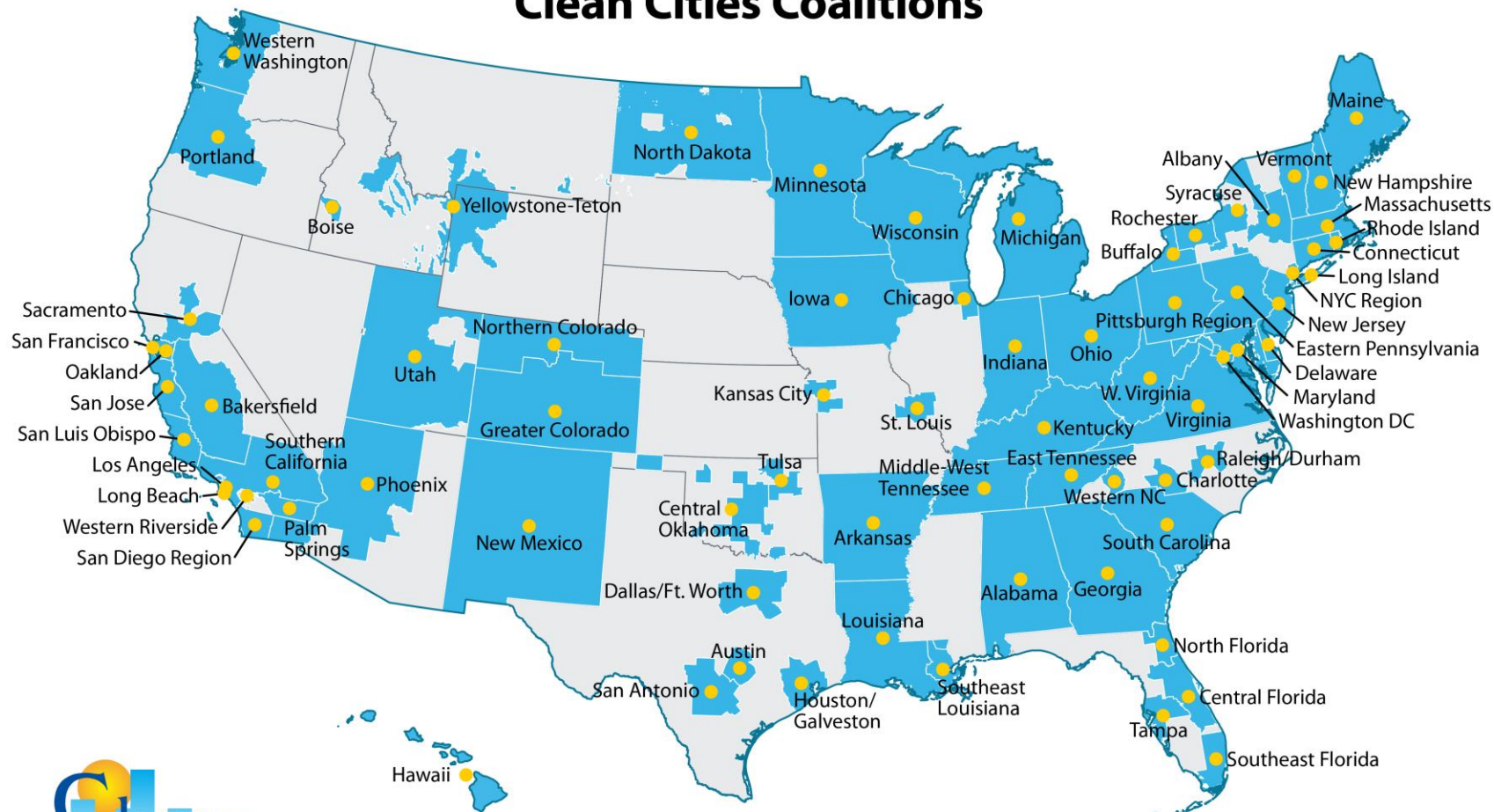


National Network of Clean Cities Coalitions

More than 75 active coalitions
covering nearly every state
with thousands of
stakeholders

www.cleancities.energy.gov

Clean Cities Coalitions



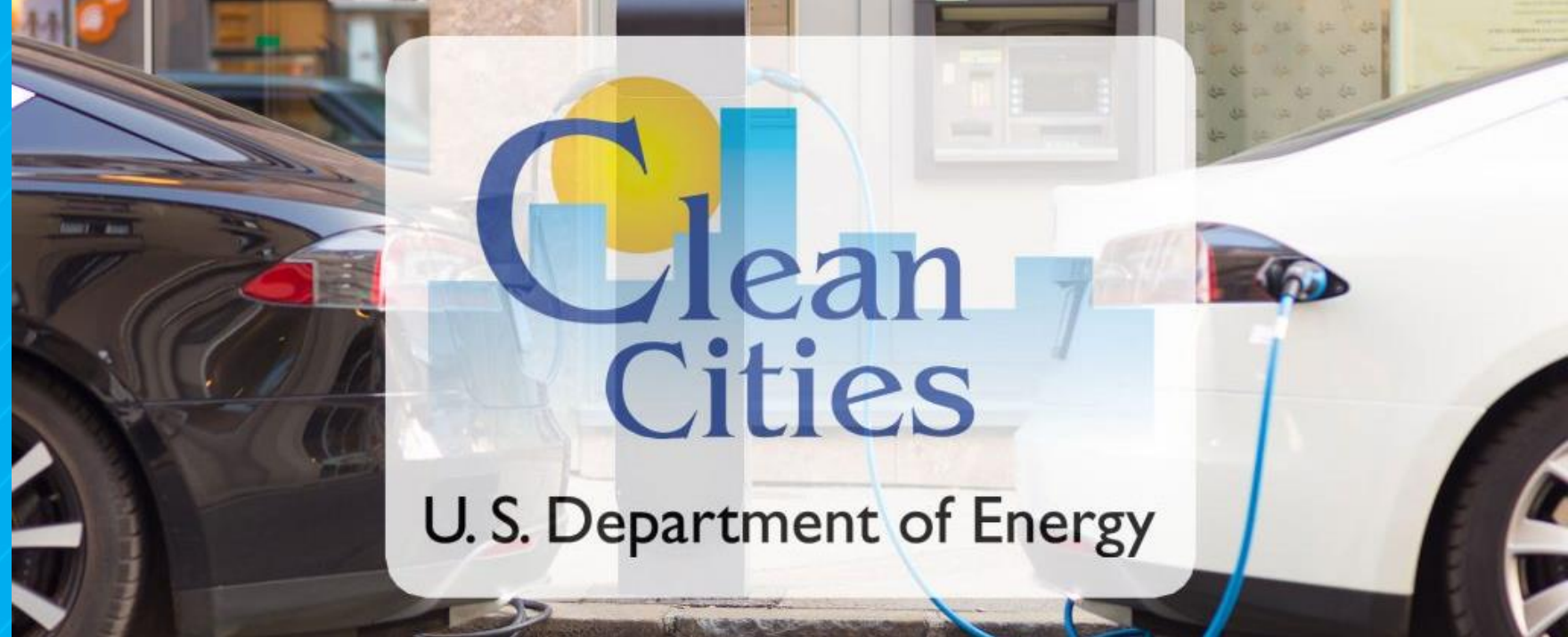
U.S. Department of Energy

Map Date: 3/8/23

Established in 1994, WCC continues to support our State and National energy and economic security through initiatives that support adoption of advanced fuels and energy saving strategies

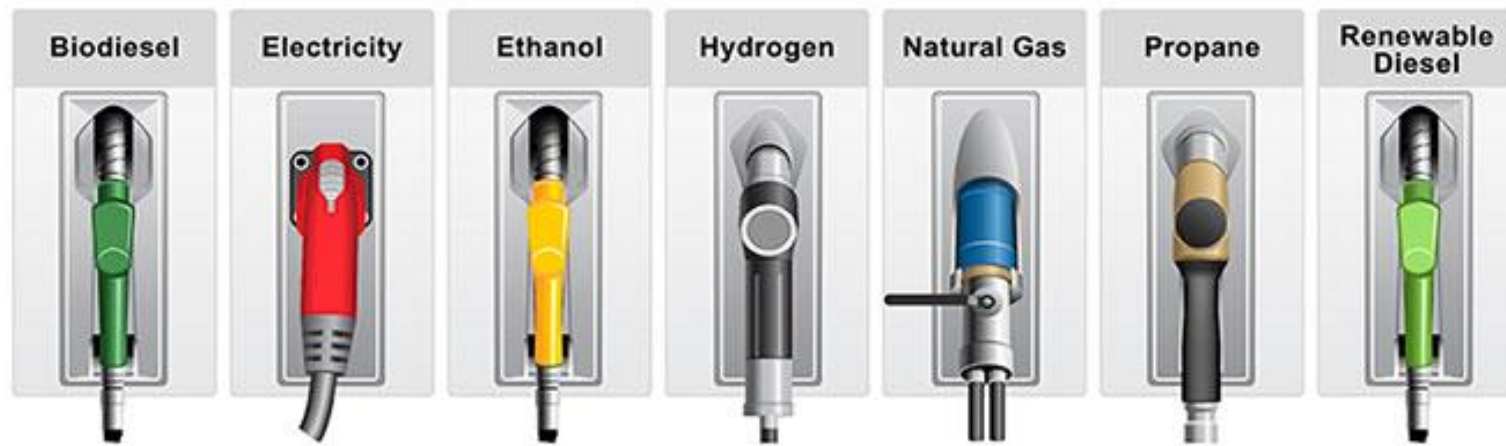


Building partnerships to advance affordable, domestic transportation fuels and technologies



Wisconsin Clean Cities:

- Serves as a forum for stakeholders to connect and collaborate on saving energy and using affordable alternative fuels
- Provides support and resources on new transportation technologies and infrastructure development
- Supports networks to assist members and stakeholders identify cost-effective solutions that work locally
- Assists to secure funding to support projects reflective of the Clean Cities mission



Light-,
Medium-, and
Heavy-Duty
Vehicles



Alternative and
Renewable
Fuels and
Infrastructure



Idle Reduction
Measures and
Fuel Economy
Improvements



New Mobility
Choices and
Emerging
Transportation
Technologies

Wisconsin Clean Cities Portfolio

Current WCC Grants & Projects

- DRIVE Electric Wisconsin - DRIVE Electric USA
- Drive Clean Rural USA
- EMPOWER – Workplace Charging
- WIEV – Wisconsin EV Infrastructure Program (NEVI)
- WI Smart Fleet 2.0
- Heavy Duty EV Demonstrations for Freight & Mobility Solutions
- Zero-Emission Freight Future



Recently Completed Projects

- M2M I-94 Clean Fuel Corridor Project
- DOE Vehicle Charging Innovations for Multi-Unit Dwellings Grant
- EPA DERA Grant
- Safer 2 Grant – WI Office of Energy Innovation
- NGV UP TIME Grant



Since 2011, WCC has assisted to secure over \$40M in funding for the implementation of projects in the transportation sector.

Funding – Where to begin?



<https://wicleancities.org/>



<https://driveelectric.gov/>



<https://psc.wi.gov/>



Wisconsin Electrification Initiative

<https://wisconsindot.gov/>



<https://www.energy.gov/>



<https://www.fhwa.dot.gov/>

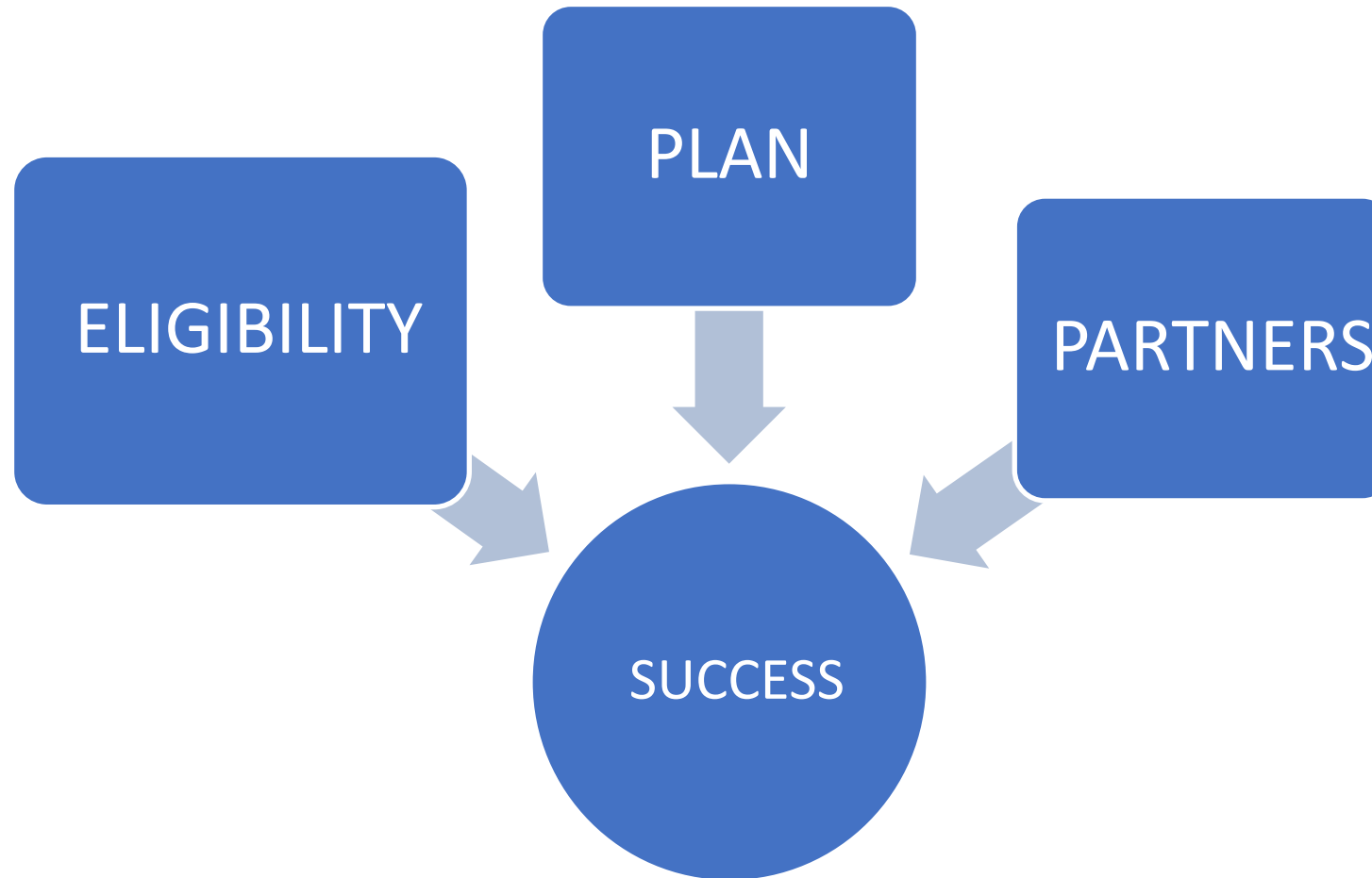


<https://www.epa.gov/>



<https://www.usda.gov/>

ARE YOU GRANT READY??



Grant readiness is a measurement of your organization's capacity to research, apply, win, and manage grant applications successfully

Some questions to consider-

- What is your organization structure?
- Can your organization demonstrate success?
- Do you have a financial management system in place?
- Have you met all your local, state, and federal reporting requirements?
- Does your organization have a clear mission and plan?
- Is your organization an eligible entity for the funding opportunity?
- Do you have strategic stakeholders or partners?
- Is there a financial match required for the funding?



Federal Funding Considerations

- Coordinate Between Agencies and Stakeholders – Ensure all departments are working in alignment to submit applications
- Be familiar with Funding Opportunities and when programs tend to provide Notice of Funding Opportunities (NOFO) or Requests for Proposals (RFP)
- Prioritize your projects and applications
- Review your budget and secure your required match funds
- Know your Justice 40 designated Census Tracts
- Budget for Public Involvement
- Build a Workforce Development and Labor Plan
- Understand Federal Requirements
- Make sure you are registered on required sites



(i.e. <https://sam.gov/> Federal system for award management, www.Grants.gov)

Where to find funding opportunities

- Grants.gov: <https://www.grants.gov/web/grants>
- Federal Agency websites
- State Agency websites
- Industry partner websites
- Industry newsletters
- Foundations
- Community groups and agencies
- Alternative Fuels Data Center <https://www.afdc.energy.gov>
- Wisconsin Clean Cities website <https://www.wicleancities.org>



Federal Funding Opportunities



\$5 billion

National Electric Vehicle Infrastructure (NEVI)
Formula Program

- \$78.65 million to Wisconsin over five years
- \$11.64 million is Wisconsin's first allocation



\$2.5 billion

EV and other alternative fuel infrastructure discretionary grant funds

- **Corridor Charging Grant Program (\$1.25 billion)**
Deployment of publicly accessible EV charging stations and **other alternative fuel infrastructure** along Alternative Fuel Corridors.
- **Community Charging Grant Program (\$1.25 billion)**
Priority is given to projects that expand access to alternative fueling infrastructure within rural areas, low-and moderate-income neighborhoods, and communities with a low ratio of private parking spaces.

Charging and Fueling Infrastructure Program

Discretionary Grant Program for Charging and Fueling Infrastructure

- **Application Due Date: 11:59 PM EST on May 30, 2023**
- **\$700 Million total funding in current round (FY2022 and FY2023)**
 - \$350 Million for Community Charging and Fueling Program
 - \$350 Million for Alternative Fueling Corridor Program
- **Total federal award cannot exceed 80% of Project Cost**
- **Specific list of eligible Public Entities**
- Educational and community engagement activities to develop and implement education programs through partnerships with schools, community organizations, and vehicle dealerships to support the use (**may not exceed 5% of the grant amount awarded**)



Community Grants - Min. Award \$500,000 Max. Award \$15M

- Electric, Hydrogen, Propane (med/heavy-duty) and Natural Gas Vehicle Fueling Infrastructure
- May use funds to contract with private entity
- Must address environmental justice
- Must be accessible and usable by individuals with disabilities
- Must be publicly accessible

Corridor Grants Min. Award \$1M – no maximum award amount

- Located along a designated Alternative Fuel Corridor (AFC) EV charging 1 within 1 mile and other alternative fuels within 5 miles (hydrogen, propane-med/heavy duty, natural gas)
- Must be publicly accessible
- Must use funds to contract with private entity
- Must address environmental justice
- Must be accessible to and usable by individuals with disabilities
- Funds under this program are subject to the domestic requirement at Build America, Buy America

Specific funding details can be found at www.Grants.gov

Additional Federal Funding Opportunities

- Low- and No-Emission Transit Bus Program (\$5.6 billion) – U.S. DOT
- Electric or Low Emitting Ferry Program (\$250 million) - U.S. DOT
- Energy Efficiency and Conservation Block Grant Program (\$430M) U.S. Department of Energy
- 2023 National DERA Program U.S. EPA (TBD)
- U.S. Department of Agriculture
- Joint Office of Energy & Transportation
- U.S. Department of Energy – Clean Energy to Communities (C2C Programs)

<https://www.nrel.gov/state-local-tribal/c2c-in-depth-partnerships.htm>



Wisconsin Funding Opportunities

- Wisconsin Office of Energy Innovation – Public Service Commission
- WI Department of Natural Resources-DERA
- WI Department of Agriculture, Trade and Consumer Protection

https://datcp.wi.gov/Pages/Programs_Services/Grants.aspx

- WI utilities incentive programs – check your utility website
- Federal Tax incentives and tax credits –
<https://www.afdc.energy.gov/laws>
- RENEW WI – EV's For Good Program for WI Non-profits



Tools You Can Use!

Tools

The Alternative Fuels Data Center offers a large collection of helpful tools. These calculators, interactive maps, and data searches can assist fleets, fuel providers, and other transportation decision makers in their efforts to advance alternative fuels and energy-efficient vehicle technologies.



Calculators



[EVI-Pro Lite](#)

Estimate a city or state's need for vehicle charging and the effect on electric load.



[AFLEET Tool](#)

Calculate a fleet's petroleum use, cost of ownership, and emissions.



[Vehicle Cost Calculator](#)

Compare cost of ownership and emissions for most vehicle models. [mobile](#)



[VICE Model](#)

Evaluate the financial case for natural gas vehicles and battery electric buses.



[JOBS Model](#)

Estimate economic impacts of natural gas, hydrogen, or fuel cell infrastructure.



[Heavy-Duty Vehicle Emissions](#)

Calculate the emissions of alternative fuel medium- and heavy-duty vehicles.



[E-Volution: E-Drive Vehicle Education](#)

Understand the costs and benefits of electric vehicles based on location.



Interactive Maps



[Alternative Fueling Station Locator](#)

Locate alternative fueling stations and get maps and driving directions. [mobile](#)



[Alternative Fuel Corridors](#)

Find maps and station data to help with nominating alternative fuel corridors.



[TransAtlas](#)

Analyze vehicle densities and locations of fueling stations and production facilities.



[Biofuels Atlas](#)

Compare feedstocks and analyze biofuel production by location.



[Coalition Locations](#)

Find Clean Cities coalitions and contact information for coordinators.



Data Searches



[Vehicle Search](#)

Compare all classes of alternative fuel vehicles, electric vehicles, and hybrids.



[Laws and Incentives Search](#)

Search for laws and incentives related to alternative fuels and advanced vehicles.



[Fuel Properties Comparison](#)

Compare alternative fuel properties and characteristics.



[Find a Car](#)

Compare fuel efficiency, costs, carbon footprints, and emissions. [mobile](#)



[State Information](#)

Find state information about alternative fuels and advanced vehicles.



www.wicleancities.org
www.afdc.energy.gov/tools



References and Resources

Wisconsin Clean Cities www.wicleancities.org

- <https://wicleancities.org/news-events/resources/>
- <https://www.fueleconomy.gov/>

Alternative Fuels Data Center (AFDC)

- <https://afdc.energy.gov/>
- <https://afdc.energy.gov/laws>
- <https://afdc.energy.gov/tools>

Wisconsin Office of Energy Innovation <https://psc.wi.gov/>

- <https://psc.wi.gov/Pages/ServiceType/OEI/FederalFunding.aspx>

U.S. Department of Energy <https://www.energy.gov>

- AFDC Alternative Fuel and Advanced Vehicle Search: <https://afdc.energy.gov/vehicles/search>
- AFDC EV Emissions page: https://afdc.energy.gov/vehicles/electric_emissions.html
- AFDC EVI-Pro Lite tool: <https://afdc.energy.gov/evi-pro-lite>
- AFDC Station Locator Database: <https://afdc.energy.gov/stations/#/find/nearest>
- AFDC Vehicle Cost Calculator: <https://afdc.energy.gov/calc>
- Argonne National Laboratory AFLEET tool: <https://greet.es.anl.gov/afleet>
- Argonne National Laboratory Evolution tool: <https://evolution.es.anl.gov>



References and Resources (Continued)

- Federal Fleet Training: Electric Vehicle Technology Overview:
https://www.youtube.com/watch?v=UgUafU3rCHU&list=PLmIn8Hncs7bEa_NOG5Y8EZyONoxJtT0EF&index=1
- Federal Fleet Training Video 2: Electric Vehicle Financial Considerations:
https://www.youtube.com/watch?v=Xdi7T_rz75Q&list=PLmIn8Hncs7bEa_NOG5Y8EZyONoxJtT0EF&index=3

Joint Office of Energy and Transportation <https://driveelectric.gov/>

U.S. DOT Federal Highway Administration <https://www.fhwa.dot.gov/>

- U.S. Department of Transportation Federal Highway Administration Alternative Fuel Corridor Program:
https://www.fhwa.dot.gov/environment/alternative_fuel_corridors/
- Charging Forward: A Toolkit for Planning and Funding Rural Electric Mobility Infrastructure
<https://www.transportation.gov/rural/ev/toolkit>

U.S. Department of Agriculture <https://www.usda.gov> <https://www.rd.usda.gov/programs-services/electric-programs>

Plug In America <https://pluginamerica.org/>

• <https://plugstar.com>

• www.EVInfolist.com



Wisconsin Clean Cities Membership

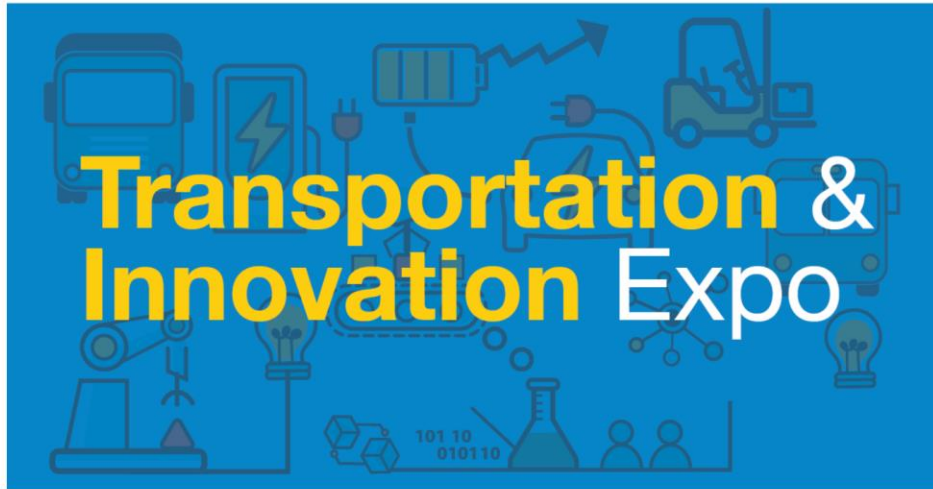


Membership Benefits

- Access to technical training, workshops and webinars
- Resources on alternative fuels, advanced vehicles, idle reduction and other petroleum-reduction technologies
- Individual consultation and technical assistance
- Funding opportunities from the U.S. DOE
- Information regarding funding sources from federal, state and local government agencies, nonprofits and foundations
- Assistance with funding applications
- Public recognition
- Assistance with media outreach

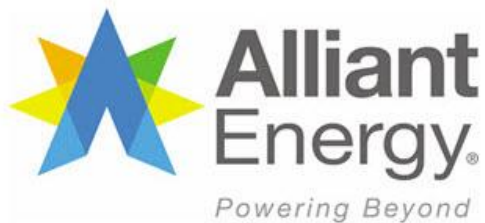
Get involved today!!





A sustainable transportation,
infrastructure, technology and
fleet vehicle conference and expo

October 11, 2023
Details coming soon...





Thank you!

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