



Thank you for joining. We will begin shortly.



This meeting is being recorded and will be published on the EV Working Group page within DriveElectric.gov

- If you do not wish to have your voice recorded, please do not speak during the call
- If you do not wish to have your image recorded, please turn off your camera or participate by phone
- If you speak during the call or use a video connection, you are presumed to consent to recording and use of your voice or image



Joint Office of
**Energy and
Transportation**

Electric Vehicle Working Group

September 26, 2023

driveelectric.gov

Agenda

- Call to Order & Announcements
- Introduction of Members
- Role of the EVWG
- Input on EVWG Priorities
- Public Comment
- Closeout and Adjourn



Ground Rules

- Members:
 - Remain on mute when not speaking
 - Raise your hand if you'd like to speak
 - Turn on video when speaking
- Public Attendees:
 - You are muted, but can chat with the host if needed
 - Those pre-registered to speak during the public comment period will be given the ability to unmute themselves at that time

Slides, meeting notes, and the recording from today's discussion will be posted to the EV Working Group page on [DriveElectric.gov](https://driveelectric.gov) in early October



Introductions



Role of the EVWG

Background

- Established pursuant to the Bipartisan Infrastructure Law
- Operates in accordance with the Federal Advisory Committee Act

Mission and Objectives

- Provides recommendations to the Secretaries of Energy and Transportation on the development, adoption and integration of light, medium and heavy-duty electric vehicles into the nation's transportation and energy systems.
- Coordinate and consult with any existing federal interagency working groups on fleet conversion or other similar matters relating to EVs.
- Report to the Secretaries of Energy and Transportation; the Senate Commerce, Science, and Transportation Committee; the Senate Appropriations Committee; the House Transportation and Infrastructure Committee; and the House Appropriations Committee

Reports

- (A) a description of the barriers and opportunities to scaling up electric vehicle adoption throughout the United States, useability, reliability, consumer adoption
- (B) examples of successful public and private models and demonstration projects that encourage electric vehicle adoption;
- (C) an analysis of current efforts to overcome the barriers described in subparagraph (A);
- (D) an analysis of the estimated costs and benefits of any recommendations of the working group; and
- (E) any other topics, as determined by the working group.

Members

- The BIL specified not more than 25 members
 - 6 Federal stakeholders including representatives from
 - Department of Energy,
 - Department of Transportation,
 - U.S. Environmental Protection Agency,
 - Council on Environmental Quality,
 - General Services Administration.
 - 19 non-Federal stakeholders representing specific industries and state/local agencies and
 - individuals with a balance of backgrounds, experiences, and viewpoints, and
 - individuals that represent geographically diverse regions of the United States that represent the perspectives of rural, urban, and suburban areas.



EVWG Priorities

Making the EVWG Effective

Topics

- Critical
- Multi-stakeholder
- Requires PPP
- Actionable coordination
- Benefits the public
- Clear audience
- Impactful

Timing

- Not too long-term
- Not too urgent
- Can be well documented
- Capitalizes on investments

Proposed Plan

- Report #1 Executive level roadmap of EVWG priorities
 - Due January 2024
 - Allows transparency and coordination
 - Sets EVWG up for success
- Report #2 and Report #3 for discussion
 - Supported by subcommittees
 - Select topics
 - Due every two years (2026, 2028)
- Other subcommittees
 - Topical subcommittees to report out as needed
 - Bring in experts as needed to inform efforts

Potential Topics from the legislation

EV Adoption

- Consumer Behavior
- EV adoption for low- to mid-income (infra + vehicle)
- Housing costs and transportation emissions
- Local and regional barriers to adoption
- MD/HD

Supply chain

- Manufacturing and battery costs
- Supply shortages
- Cybersecurity
- Battery end of life

Technology Solutions

- Grid capacity and integration
- Energy storage
- Wireless charging
- MD/HD

Consumer Focus

- Consumer behavior
- Intercity passenger travel
- Highway signage
- Charging infra needs + standardization
- Business models for public charging
- Open, real-time data
- Equity

Policy Solutions

- User fees
- State/local policies, incentives, and zoning
- Regional/local adoption barriers
- Charging infra permitting and regs

Proposed EVWG Priority Topics

- Grid integration and coordination with utilities
- Unique needs of freight electrification
- Equitable and accessible EV adoption
- Consumer awareness around EV adoption and the used market
- Consumer experience around charging reliability and security
- Open and real-time data needs
- Supply chain issues: batteries, transformers, BABA, critical minerals, recycling
- Charging infrastructure (home, workplace, community, corridors)
- Unique needs of fleets (TNC, Rental car, etc.)
- Cost/affordability
- Workforce development

Survey Questions

1. Are your priorities for the EVWG represented in the priority list?
2. If no, what's missing?
3. What is your top priority for the EVWG?
4. What is your 2nd priority for the EVWG?
5. What subcommittees would you like to see?
6. What would you like to see the reports focus on?



Public Comment

Public Comment

Ground Rules

- Individuals that registered to provide public comment will be called on in the order they registered
- Speakers will need to unmute themselves
- Limit remarks to 2 minutes
- The Facilitator will move on to the next person when an individual's time is up
- If time permits, individuals that did not register but would like to provide a comment will be given an opportunity
- Anyone who wishes to make a comment during the meeting, but is unable do so, may email their written comment to EVWG@ee.doe.gov or mail to Dr. Rachael Nealer, U.S. Department of Energy, 1000 Independence Avenue SW, Washington, DC 20585

Next Steps

- This meeting: share proposed priority ideas for feedback
- By next meeting: determine clear priorities for EVWG
- Next meeting: in-person kick-off event (in DC) with the priorities- date TBD.





Thank you!
We look forward to working with you