

**Summary Minutes of the
Joint Office of U.S. Department of Energy (DOE) and U.S. Department of Transportation (DOT)
Electric Vehicle Working Group (EVWG) Meeting**

In Attendance:

Gabriel (Gabe) Klein

Executive Director, Joint Office of Energy and Transportation and Acting Chair EVWG

Dr. Rachael Nealer

Designated Federal Officer (DFO) of EVWG and Deputy Director Joint Office of Energy and Transportation

Rakesh Aneja

Vice President and Chief of eMobility, Daimler Truck North America

Michael Berube

Deputy Assistant Secretary for Sustainable Transportation and Fuels, U.S. DOE

John Bozzella

President & CEO, Alliance of Automotive Innovation

Dean Bushey

Senior VP of Sustainability, TravelCenters of America

Danielle Sass Byrnett

Senior Director, National Association of Regulatory Utility Commissioners

Laura Chace

CEO, ITS-America

Mark Dowd

Director for Zero-Emission Federal Vehicle Fleets, CEQ

Ruth Gratzke

President, Siemens Smart Infrastructure U.S.

Henrik Holland

Global Head of Prologis Mobility, Prologis

Andrew Koblenz

Executive Vice President of Strategic and Industry Initiatives National Automobile Dealers Association

Sharky Laguana

President, American Rental Car Association

Joung Lee

Deputy Director and Chief Policy Officer, AASHTO

Nadia El Mallakh

Senior Vice President of Strategic Partnerships, Coalition for Green Capital

Kelsey Owens

Senior EV Policy Advisor, DOT Office of the Secretary – Office of Policy

Crystal Philcox

Assistant Commissioner, Office of Travel, Transportation and Logistics, Federal Acquisition Service, U.S. General Services Administration

Cassie Powers

Chief of Staff, NASEO

Victoria Stephen

Director Next Generation Delivery Vehicle Program, Fleet Management & Electrification Strategy, United States Postal Service

Kofi Wakhisi

Team Leader, Atlanta Regional Commission

Date and Time: November 20, 2024
Location: Virtual
Purpose: EVWG Meeting
EVWG Staff: Rachael Nealer (DFO), Rachael Sack and Scott Kubly (Facilitators), Sara Emmons (Deputy DFO), Julie Nixon, Lady Miah Kane, Kim Washington

Meeting Summary

This is an EVWG meeting convened under the Joint Office of Energy and Transportation (Joint Office). The meeting was conducted virtually via video conferencing. The meeting was called to order at approximately 3:00 p.m. EST. The meeting was attended by members of the EVWG, Joint Office officials, and the public. The EVWG meeting began with meeting logistics and opening remarks.

Opening Remarks

Rachel Sack introduced today's meeting as the second of three meetings to discuss the subcommittee recommendations. Three recommendations were previously approved and will not be revisited today.

Scott Kubly moderated the discussion on the remaining recommendations.

Subcommittee Recommendations

Charging Network Subcommittee

Sharky Laguana presented updates on the subcommittee's Recommendation #2 to support an EV charging station "race to the top." Sharky highlighted examples of similar programs and identified six consumer-facing standards from the NEVI Minimum Standards. Sharky conveyed that it was not appropriate for the EVWG to recommend a specific certifying agency at this time; however, the subcommittee listed credibility, expertise, and national scale as principles in selecting a certifying agency. **John Bozzella** reiterated that the specific recommendation was to develop a consumer awareness effort that would provide a seal of approval to stations sufficiently implementing customer-facing attributes and that the determination of that certifying agency would follow the three stated principles. **Michael Berube, Mark Dowd, and Crystal Philcox** contributed to discussion after which **Sharky Laguana** and **John Bozzella** clarified that the recommendation's goal is to get alignment that a certifying agency should exist and what principles should be used for its selection but that input from industry and consumer groups is needed to provide more specificity on the rating system itself.

Scott Kubly confirmed that the subcommittee would make final edits for the next EVWG meeting.

Medium- and Heavy-Duty Subcommittee

Dean Bushey presented updates on the subcommittee's recommendations.

On Recommendation #1, Dean summarized revisions to acknowledge there are existing total cost of ownership (TCO) tools that need to be evaluated and to clarify the recommendation's audience. The EVWG agreed this recommendation was ready for a vote.

Recommendation #2 was previously adopted, and Recommendation #3 was rolled into one of the existing Grid Integration Subcommittee recommendations.

On Recommendation #4, **Dean Bushey** summarized revisions to clarify the audience and recommend that government and industry work jointly to develop educational tools. **Michael Berube** asked whether this challenge was unique to medium- and heavy-duty and suggested the recommendation be more precise to clarify which vehicles were included. **Rakesh Aneja** stated the need is overarching but the type of information for medium- and heavy-duty is distinct. **John Bozella** suggested adding sentences to describe what the public education would be about.

On Recommendation #5, **Dean Bushey** described revisions to the call to action and the audience. This recommendation was updated to encourage exploration of emerging technologies that support medium- and heavy-duty and to recommend that the government and private sector partner on this effort. **Michael Berube, Rakesh Aneja, and Henrik Holland** contributed to wording revisions to clarify the nature of collaboration between government and industry and to emphasize the importance of technology diversification. The EVWG agreed this recommendation was ready for a vote.

Grid Integration Subcommittee

Nadia El Mallakh summarized updates to the subcommittee's Recommendation #1. The Medium- and Heavy-Duty Subcommittee's Recommendation #3 which similarly deals with planning and proactive grid build out, had been merged into the Grid Integration Subcommittee's recommendation. The Grid Integration Subcommittee also revised their recommendation to "support infrastructure investments" rather than "proactive" investments. **Michael Berube, Dean Bushey, John Bozella, Sharky Laguana, Danielle Sass Byrnett, and Cassie Powers** contributed to wording revisions to update the recommendation to "support infrastructure investments that enable accelerated energization of vehicles."

Public Comment

No members of the public provided comments.

Optional Voting

Charging Subcommittee, Recommendation #1

The EVWG agreed to move this recommendation to a final vote.

Medium- and Heavy-Duty MDHD Subcommittee, Recommendation #1

The EVWG agreed to move this recommendation to a final vote during earlier discussion.

Medium- and Heavy-Duty MDHD Subcommittee, Recommendation #4

After additional wordsmithing, the EVWG agreed to move this recommendation to a final vote.

Medium- and Heavy-Duty MDHD Subcommittee, Recommendation #5

The EVWG approved the intent of this recommendation, and the subcommittee will provide additional language for the Friday, November 22 EVWG meeting.

The EVWG was not able to proceed with voting as they had lost quorum. After closing discussion among EVWG members, **Scott Kubly** stated that working group staff would prepare and share proposed language to standardize the recommendation format, and then the EVWG could vote on the full compilation of recommendations.

Meeting Adjourned November 20, 2024, at approximately 5:00 pm EST.

Respectfully Submitted:
Dr. Rachael Nealer
Designated Federal Officer

A handwritten signature in black ink that reads "Rachael Nealer". The signature is written in a cursive style with a horizontal line at the end.

I hereby certify that these meeting minutes of the November 20, 2024, EVWG meeting are true and correct to the best of my knowledge.

**Summary Minutes of the
Joint Office of U.S. Department of Energy (DOE) and U.S. Department of Transportation (DOT)
Electric Vehicle Working Group (EVWG) Meeting**

In Attendance:

Dr. Rachael Nealer

*Designated Federal Officer
(DFO) of EVWG and Deputy
Director Joint Office of Energy
and Transportation*

Rakesh Aneja

*Vice President and Chief of
eMobility, Daimler Truck
North America*

Danielle Sass Byrnett

*Senior Director, National
Association of Regulatory Utility
Commissioners*

Michael Berube

*Deputy Assistant Secretary for
Sustainable Transportation
and Fuels, U.S. DOE*

Mark Dowd

*Director for Zero-Emission
Federal Vehicle Fleets, CEQ*

Ruth Gratzke

*President, Siemens Smart
Infrastructure U.S.*

Denise Gray

*Industry Advisor, DKTN
Consulting LLC Consultant,
LG Energy Solution*

Dr. David Haugen

*Director of OTAQ's Testing
and Advanced Technology
Division, Environmental
Protection Agency*

Andrew Koblenz

*Executive Vice President of
Strategic and Industry
Initiatives National
Automobile Dealers
Association*

Joung Lee

*Deputy Director and Chief
Policy Officer, AASHTO*

Nadia El Mallakh

*Senior Vice President of
Strategic Partnerships,
Coalition for Green Capital*

Barak Myers

*Transportation and Strategic
Planner, Eastern Band of
Cherokee Indians*

Kelsey Owens

*Senior EV Policy Advisor,
DOT Office of the Secretary –
Office of Policy*

Crystal Philcox

*Assistant Commissioner, Office
of Travel, Transportation and
Logistics, Federal Acquisition
Service, U.S. General Services
Administration*

Victoria Stephen

*Director Next Generation Delivery
Vehicle Program, Fleet
Management & Electrification
Strategy, United States Postal
Service*

Kofi Wakhisi

*Team Leader, Atlanta Regional
Commission*

Cassie Powers

Chief of Staff, NASEO

Dean Bushey

*Senior VP, of Sustainability
TravelCenters of America*

Henrik Holland

*Global Head of Prologis
Mobility, Prologis*

Date: November 22, 2024
Location: Virtual
Purpose: EVWG Meeting
EVWG Staff: Sara Emmons (DDFO), Rachael Sack (Facilitator), Scott Kubly, Julie Nixon, Kim Washington, Alexander Epstein, Lady Miah Kane

Meeting Summary

This is an EVWG meeting convened under the Joint Office of Energy and Transportation (Joint Office). The meeting was conducted virtually via video conferencing. The meeting was called to order at approximately 1:00 pm EST. The meeting was attended by members of the EVWG, Joint Office staff, and the public. The EVWG meeting began with meeting logistics and opening remarks, and updates from the Joint Office.

Opening Remarks

Sara Emmons opened the meeting as the Deputy Designated Federal Officer. She reminded everyone that the meeting was being recorded and would be made public, and that participant's consent to being recorded was necessary if they spoke or used video.

Rachael Sack and **Scott Kubly** next stated that they will lead the discussion for today in this third and final meeting in the working group series.

Rachael noted that the goal for today is reviewing a compilation document of draft recommendations based on discussion over the last two meetings. This document had been shared with all EVWG members to help the working group arrive on the same page as to a consensus set of recommendations to vote on and approve. Today's process, she added, will be for working group members to spend 15 minutes silently reviewing the document on screen, discuss final comments, and conduct a vote pending consensus. As framing, Rachael indicated that final comments should concern representations made in the compilation, and that final wordsmithing and clean-up will happen afterward.

Scott Kubly added that, once EVWG members review the document, they will be called on one by one. Michael Berube suggested checking in at 10 minutes. All members were indeed ready to discuss at that time and were called one-by-one.

Final Comments

The following is a summary of EVWG member comments and votes on the compilation document reviewed earlier in the meeting.

Andrew Koblenz: On page 2, recommended clarification that the audience is "dealership customers" not the dealers themselves, and on page 4, advised correcting a grammatical error ("consumer-facing").

Dean Bushey: On page 5, recommended changing "Battery Electric Vehicles" to "Electric Vehicles" to not exclude hydrogen. Michael Berube concurred with the suggestion and affirmed that hydrogen is indeed included. **Dean Bushey** expressed desire to soften the phrase "urgently collaborate" on page 6 but indicated he is amenable to keeping it after a brief discussion with Michael Berube.

David Haugen: On page 11, commented that it is important to include medium- and heavy-duty vehicle manufacturers, not only light-duty manufacturers. **Nadia El Mallakh** suggested changing "auto" to "vehicle" to encompass truck makers, and **Michael Berube** concurred. **Scott Kubly** confirmed this

change will be made.

Joung Lee: on page 11, recommended defining “managed charging” as part of document clean-up.

Rakesh Aneja: Reprised the previously addressed comment to include hydrogen, however no further comments.

Ruth Gratzke: on page 10, suggested using the term “stakeholders” instead of “decision-makers” to not suggest authority where it may not exist; on page 11, recommended emphasizing charging equipment manufacturers. Nadia clarified that, as part of the document reorganization, numbered bullet 2 on page 11 refers to this group of stakeholders, and Ruth concurred.

The following members had no additional comments: Denise Gray, Henrik Holland, Barak Myers, Kelsey Owens, Crystal Philcox, Cassie Powers, Vicki Stephen, and Kofi Wakhisi.

Vote

Scott Kubly called for a vote of acclamation. All EVWG members said aye. Following this, Scott called for a vote of declamation. The recommendations were unanimously approved.

Public Comment

Scott and Rachael opened the meeting to public comment, reminding the public that comments are limited to two minutes, and that commenters should turn on their camera and microphones. No one raised a hand, at which point Rachael Sack noted that comments can also be emailed to Dr. Rachael Nealer at evwg@ee.doe.gov.

Next Steps

Dr. Rachael Nealer reminded attendees that the outcome of the meeting, presentations, and meeting notes will be posted publicly after the meeting at www.driveelectric.gov

Michael Berube asked if all documents from the EVWG will be posted publicly, and Scott Kubly confirmed that following document cleanup and consolidation, they will be transmitted to the Secretaries and then posted publicly.

To set expectations, **Dr. Rachael Nealer** noted that a realistic timeline is about two weeks for public posting.

Henrik inquired about social media coverage planned for the EVWG outputs, and Rachael Nealer confirmed and indeed encouraged members to use their networks to elevate visibility of the group’s work.

Meeting Adjourned November 22, 2024, at approximately 1:40 pm EST.

Respectfully Submitted:
Dr. Rachael Nealer
Designated Federal Officer



I hereby certify that these meeting minutes of November 22, 2024, EVWG meeting are true and correct to the best of my knowledge.