



[Reviewer's Name]

May 24, 2022

MEMORANDUM

To: [Reviewer's Name], [Reviewer's Institution]
From: Sam Pournazeri, Emma Cost, ICF
Date: May 24, 2022
Re: Peer Review of "Literature Review of U.S. Consumer Acceptance of Light-Duty Plug-In Electric"

1. Purpose

The U.S. Environmental Protection Agency (EPA) sets emission standards for new light-duty vehicles, which are expected to result in increased numbers of plug-in electric vehicles (PEVs) in the U.S. Light Duty (LD) fleet. EPA has been conducting a review of the scientific literature to develop a current and comprehensive understanding of U.S. consumer acceptance of LD PEVs. This understanding will enhance EPA's ability to examine the economic and environmental effects of new light duty standards.

The Draft Literature Review for which EPA seeks peer review summarizes the current scientific literature regarding 1) the state of consumer acceptance of LD PEVs, 2) how consumers become aware of PEVs and progress to PEV adoption, and 3) the obstacles and enablers that hinder and facilitate LD PEV acceptance. This peer review will evaluate how accurately and completely the draft literature review represents the current scientific literature regarding LD PEV acceptance. ICF is under contract with the US EPA's Office of Transportation and Air Quality (OTAQ) to facilitate a peer review of this report. ICF has selected you as a reviewer for this report, and we appreciate your interest and acceptance to participate in this peer review. This charge letter provides you with a detailed scope of services for this review. It includes:

- A list of directed questions for your review, with instructions
- The review schedule
- A list of materials, including a "No Conflict of Interest" statement that we request you to send to us at the conclusion of the review.

2. Charge Questions

EPA is seeking your review and expert comments on the "Literature Review of U.S. Consumer Acceptance of Light Duty Plug-in Electric" report. Below are questions to define the scope of the review. While we request that you answer each of these questions, we also encourage you to comment on other topics involving the quality of the work that you wish to raise.

In your written comments you should distinguish between recommendations for clearly defined improvements that can be readily made based on data or literature reasonably available to EPA and improvements that are more exploratory or dependent on information not readily available to EPA. Your written comments should address all aspects of the report (methods, analysis, conclusions, and narrative) and should be sufficiently clear and detailed to allow readers to thoroughly understand their relevance to the subject report. In

addition to addressing these issues, EPA encourages you to apply your particular areas of expertise to review the overall study.

We request a response for each of the areas listed in the table below. However, please identify additional topics or depart from these examples as necessary to best apply your particular areas of expertise. Please make all your comments sufficiently clear and detailed to allow readers to thoroughly understand their relevance to the report being reviewed. EPA requests that reviewers treat all materials as confidential. Do not release or discuss with others the peer review materials or your comments.

If you have questions about what is required to complete this review or need additional background material, please contact Sam Pournazeri at ICF:

- by phone at (415) 677 7176 or
- by email at Sam.Pournazeri@icf.com

Charge Questions

CHARGE QUESTION	COMMENTS
1. Does the report provide a current, comprehensive, clear, and accurate summary of the scientific literature regarding consumer acceptance of LD PEVs among private consumers of LD vehicles?	
2. Does the report miss any relevant literature?	
3. Is the organizing framework appropriate to satisfy the following objectives according to the current scientific literature? <ul style="list-style-type: none"> ○ Capture the range of LD PEV acceptance issues among LD vehicle consumers. ○ Identify what motivates LD PEV acceptance among prospective LD consumers and what stands in their way. 	
4. Does the synthesis contained in the report provide reasonable, defensible conclusions that accurately reflect the body of scientific literature regarding consumer acceptance of LD PEVs among private consumers of LD vehicles?	
ADDITIONAL OVERALL COMMENTS PROVIDED (NOT CHARGE QUESTION-SPECIFIC):	
ADDITIONAL COMMENTS BY SPECIFIC REPORT CHAPTER:	

3. Schedule

The schedule for this peer review is as follows:

- May 24, 2022: Charge letter distributed to reviewers.
- Week of May 23 or 30, 2022: Conference call with EPA, ICF, and all reviewers to address any preliminary questions.
- Two weeks after the teleconference: Comment/review due via email to: Sam.Pournazeri@icf.com.
- ICF will arrange the conference call between reviewers, relevant EPA staff, and relevant ICF staff. The purpose of this meeting will be to provide reviewers with any additional background information, clarify any details on the peer review process, and answer questions about the review. ICF will be contacting you separately to assess the best time for all reviewers to participate in a conference call. ICF will send details for the conference call by May 25, 2022.

Any questions a peer reviewer asks after this teleconference should be directed to ICF. ICF will seek resolution from EPA. Any answer provided and the question to which it refers will be shared with the other reviewers.

4. Materials to Submit

Upon completion of your review, you should submit the following:

1. A cover letter that states:
 - your name, and
 - the name and address of your organization
2. A completed Conflict of Interest (COI) form (attached to this charge letter)
3. Your report addressing the charge questions in the above Table; please maintain this tabular format
4. Should you have any questions or concerns, feel free to contact me via phone or email.

Thank you for your participation!

5. Material for Review

The following files are attached to this memo for review:

- "Literature Review of U.S. Consumer Acceptance of Light Duty Plug-in Electric"

Additional attachment:

- Conflict of Interest Form

