

## Pre-Drive Questionnaire

### 1. Welcome

**Thank you for participating in our survey!**

**Before you take part in the plug-in electric vehicle event, we would like to ask you about your views of plug-in electric vehicles.**

**Your feedback can help with future efforts and is extremely valuable.**

*Public reporting burden for this collection of information is estimated to average 10 minutes per response (30 minutes total), including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Office of the Chief Information Officer, Records Management Division, IM-23, Paperwork Reduction Project (1910-5171), U.S. Department of Energy, 1000 Independence Ave SW, Washington, DC, 20585-1290; and to the Office of Management and Budget (OMB), OIRA, Paperwork Reduction Project (1910-5171), Washington, DC 20503.*

OMB Control #: 1910-5171 Exp Date: 1/31/2020

2. Email address and event

\* 1. Which event are you participating in?

- Employer Hosted (the event is held at your place of work)
- Public (the event is NOT held at your place of work and is open to the public)
- Physical Showcase (the event is held at a retail outlet)
- Fleet Event (the event is for fleet vehicle purchases)
- Other (please specify)

\* 2. Please provide your email address:

(Your email address will be used to link your responses before and after the event. It will not be shared, disclosed, or sold to third parties.)

\* 3. Which are you considering for your next vehicle?

(Please select all that apply)

- Buying a new vehicle
- Leasing a new vehicle
- Buying a used vehicle
- Leasing a used vehicle
- Not expecting to buy or lease a vehicle

OMB Control #: 1910-5171 Exp Date: 1/31/2020

3. Perception of plug-in electric vehicles

**Informational Note:** Plug-in electric vehicles can be charged by being plugged into a household type outlet or specially designed charging equipment. These can be defined as **plug-in hybrid** or **pure** electric vehicles. Hybrids that cannot be plugged in are not included in this definition.

A **plug-in hybrid** electric vehicle can be powered by either the battery or the gasoline engine. A **pure** electric vehicle is powered only by the battery.

\* 4. Of the vehicle options that are available today, what is your opinion of **plug-in hybrid** electric vehicles? (These are vehicles that can be plugged in, but also have a gasoline-powered engine to extend their range.)

- Better than traditional gasoline vehicles
- Not as good as traditional gasoline vehicles
- Just as good as traditional gasoline vehicles
- Don't know

\* 5. Do you expect to consider a **plug-in hybrid** electric vehicle for your next vehicle purchase or lease? (These are vehicles that can be plugged in, but also have a gasoline-powered engine to extend their range.)

- |                                       |                       |                           |                       |                       |                             |                                   |
|---------------------------------------|-----------------------|---------------------------|-----------------------|-----------------------|-----------------------------|-----------------------------------|
| Will definitely not purchase or lease | Plan to not consider  | Do not expect to consider | Don't know            | Expect to consider    | Expect to purchase or lease | Will definitely purchase or lease |
| <input type="radio"/>                 | <input type="radio"/> | <input type="radio"/>     | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>       | <input type="radio"/>             |

\* 6. Of the vehicle options that are available today, what is your opinion of **pure** electric vehicles? (These are vehicles that are powered only by their batteries and do not have gasoline engines)

- Better than traditional gasoline vehicles
- Not as good as traditional gasoline vehicles
- Just as good as traditional gasoline vehicles
- Don't know

\* 7. Do you expect to consider a **pure** electric vehicle for your next vehicle purchase or lease? (These are vehicles that are powered only by their batteries and do not have gasoline engines)

- |                                       |                       |                           |                       |                       |                             |                                   |
|---------------------------------------|-----------------------|---------------------------|-----------------------|-----------------------|-----------------------------|-----------------------------------|
| Will definitely not purchase or lease | Plan to not consider  | Do not expect to consider | Don't know            | Expect to consider    | Expect to purchase or lease | Will definitely purchase or lease |
| <input type="radio"/>                 | <input type="radio"/> | <input type="radio"/>     | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>       | <input type="radio"/>             |

4. Plug-in electric vehicle exposure

\* 8. How have you encountered plug-in electric vehicles (either pure electric or plug-in hybrid)? Please select all that apply.

- Own or lease a plug-in electric vehicle
- Sat in a plug-in electric vehicle
- Driven a plug-in electric vehicle
- Neighbor or acquaintance with plug-in electric vehicle
- Seen plug-in electric vehicles in parking lots or on the road
- Seen plug-in electric vehicles in ads
- Seen plug-in electric vehicles in social media
- Heard of plug-in electric vehicle tax incentives
- Never exposed to plug-in electric vehicles

Other (please specify):

\* 9. Are you aware of electric vehicle charging stations along the routes you drive and the places you visit in a typical day? (Please select all that apply.)

- Pass charging stations regularly while driving
- At the stores and places you visit
- At your place of work
- Not aware of any

\* 10. Could you park a vehicle near an existing electrical outlet to be plugged in most days at or near your home?

- Yes
- No
- Don't know

\* 11. How many miles would a **pure** electric vehicle need to travel on a single charge for you to be satisfied by the range and consider purchasing or leasing the vehicle?

(This vehicle is powered only by its battery and does not have a gasoline engine.)

Miles:

5. Reasons for plug-in electric vehicle interest

\* 12. Please choose the **three** most compelling reasons you would buy or lease a plug-in electric vehicle. (Please select only three issues.)

- |  |  |
|--|--|
| <input type="checkbox"/> Electric vehicle tax incentives | <input type="checkbox"/> Charging at home  |
| <input type="checkbox"/> Maintenance costs               | <input type="checkbox"/> Charging at work  |
| <input type="checkbox"/> Fuel costs                      | <input type="checkbox"/> Availability of public charging stations                      |
| <input type="checkbox"/> Environmental impact            | <input type="checkbox"/> HOV lane access or parking privileges                         |
| <input type="checkbox"/> National energy security        | <input type="checkbox"/> Interest in owning a new technology                           |
| <input type="checkbox"/> Overall vehicle performance     | <input type="checkbox"/> Portrays the right image for me                               |
| <input type="checkbox"/> Vehicle acceleration            | <input type="checkbox"/> Safety  |
| <input type="checkbox"/> Quiet driving vehicle           | <input type="checkbox"/> Dependability in adverse weather, terrain, or road conditions |
| <input type="checkbox"/> Driving range of the battery    |  |

13. Were there any other primary reasons you are considering buying or leasing a plug-in electric vehicle?

OMB Control #: 1910-5171 Exp Date: 1/31/2020

6. Reasons for not considering a plug-in electric vehicle

\* 14. Please choose the **three** most compelling reasons you would **not** buy or lease a plug-in electric vehicle. (Please select only three issues.)

- |   |   |
|---|---|
| <input type="checkbox"/> Vehicle cost                             | <input type="checkbox"/> Ability to charge away from home   |
| <input type="checkbox"/> Overall vehicle performance              | <input type="checkbox"/> Availability in the vehicle segment (sedan, SUV, pick-up, etc.) I am interested in |
| <input type="checkbox"/> Driving range of the battery             | <input type="checkbox"/> Dependability of the technology  |
| <input type="checkbox"/> The length of time to charge the vehicle | <input type="checkbox"/> How long (miles or years) the battery will last                                    |
| <input type="checkbox"/> Ability to charge at home                | <input type="checkbox"/> Vehicle maintenance costs  |
| <input type="checkbox"/> Availability of public charging stations | <input type="checkbox"/> Does not portray the right image for me  |

15. Were there any other primary reasons you decided not to consider buying or leasing a plug-in electric vehicle?

OMB Control #: 1910-5171 Exp Date: 1/31/2020

7. Household vehicle usage

16. How many vehicles does your household own or lease?

Vehicles:

17. How many miles do you drive one-way in a typical daily commute?

Miles:

18. How many miles do you travel in a typical year in the vehicle you drive most often?

Miles:

19. Do you ever use the vehicle you drive most often for towing?

Yes

No

OMB Control #: 1910-5171 Exp Date: 1/31/2020

8. Survey complete

Thank you for taking the pre-drive questionnaire!

OMB Control #: 1910-5171 Exp Date: 1/31/2020