Title

IRB Project ID #: 22301

Participant Study Title: Market Survey of Vehicle Choice in the Great Plains States

The purpose of this research is to explore people's attitudes regarding personal vehicle purchases. If you are 19 years or older and reside in a Great Plains state (Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, or South Dakota), you may participate in this research.

Participation in this study will require approximately 15-25 minutes. You will be asked questions about you, your household's current vehicle inventory and your preference for various vehicle attributes. Participation will take place online.

Reasonable steps will be taken to protect the privacy and the anonymity of your study data; however, in some circumstances we cannot guarantee absolute privacy and/or confidentiality. Research records will be stored electronically on a secure server. Records will only be seen by the research team and/or those authorized to view, access, or use the records during and after the study is complete.

If you have question about this project, you may contact Dr. Jason Hawkins at jason.hawins@unl.edu or (402) 554-6155.

If you have questions about your rights or complaints about the research, contact the UNL Institutional Review Board (IRB) at (402)472-6965 or irb@unl.edu. You can decide not to be in this research study, or you can withdraw at any time before, during, or after the research begins for any reason. Deciding not to be in this research study or deciding to withdraw will not affect your relationship with the investigator or the University of Nebraska-Lincoln. You will not lose any benefits to which you are entitled.

You are voluntarily making a decision whether or not to participate in this research study. By clicking on the button below, your consent to participate is implied. You should print or save a copy of this page for your records.

Thank you very much for your time and cooperation.

Dr. Jason Hawkins
Assistant Professor of Transportation Engineering & Faculty Sponsor
https://engineering.unl.edu/cee/faculty/jason-hawkins/

What is your age?

- ◯ Under 19
- ◯ 19 to 24 years
- ◯ 25 to 34 years
- ◯ 35 to 44 years
- ◯ 45 to 54 years
- ◯ 55 to 64 years
- ◯ 65 to 74 years
- ◯ 75 years or more

In which state do you currently reside?

In which county do you currently reside?

In which county do you currently reside?

In which county do you currently reside?

In which county do you currently reside?

In which county do you currently reside?

In which county do you currently reside?

In which county do you currently reside?

Definition

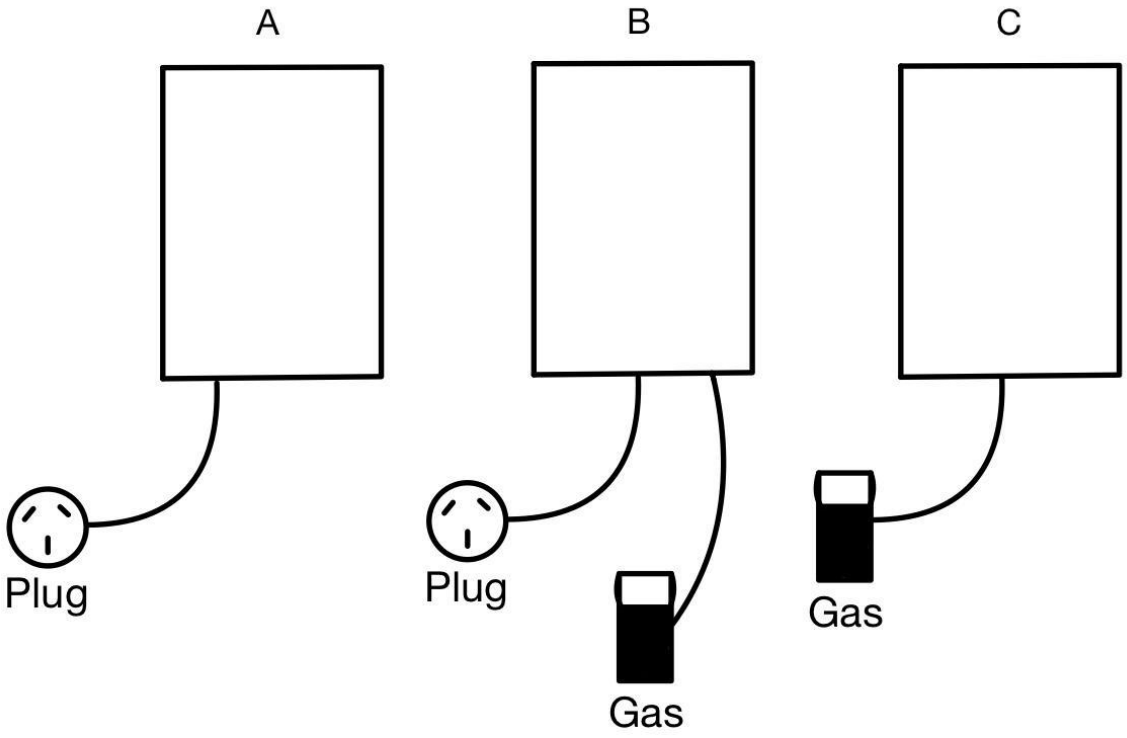
Please read carefully before continuing as these definitions will be used throughout the survey.

Battery Electric: The vehicle uses only electric power and has no internal combustion engine.

Hybrid-Electric: The vehicle uses both an internal combustion engine and a small battery pack to store braking energy. You cannot plugin this vehicle.

Plug-In Hybrid-Electric: The vehicle uses both an internal combustion engine along with electric power. You can plugin this vehicle.

Please choose the correct definition of the following three kinds of **electric powertrains**:



- ◯ **A**: Hybrid-Electric; **B**: Plug-In Hybrid-Electric; **C**: Battery Electric
- ◯ **A**: Battery Electric; **B**: Hybrid-Electric; **C**: Plug-In Hybrid-Electric
- ◯ **A**: Battery Electric; **B**: Plug-In Hybrid-Electric; **C**: Hybrid-Electric

People's attitude to new travel modes-General

The next set of questions relate to your vehicle ownership and general transportation behavior.

Does your household currently own (or lease) one or more vehicles?

Household includes all persons who currently occupy a housing unit (house, apartment, mobile home, a group of rooms, or a single room). The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements.

Vehicle includes private cars (not including bicycle, motorcycle and scooter), passenger transport cars (taxis), and freight transport vehicles (trucks).

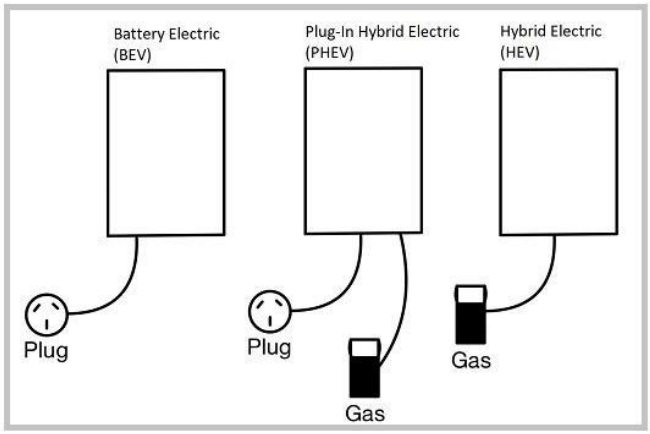
- ◯ **Yes**, we currently own (or lease) one or more vehicles.
- ◯ **No**, we do not currently own (or lease) any vehicle.

Please indicate the type, make, powertrain, and year of manufacture for all your household's current vehicles.

Small Car:


Large Car:


Pickup Truck:

	Type	Make	Powertrain	Year of Manufacturing (Example: 2014)
Vehicle 1				
Vehicle 2				
Vehicle 3				
Vehicle 4				
Vehicle 5				
Vehicle 6				

When do you expect your household to purchase (or lease) another vehicle(s)?

Do you expect your next vehicle purchase to be a new or used vehicle?

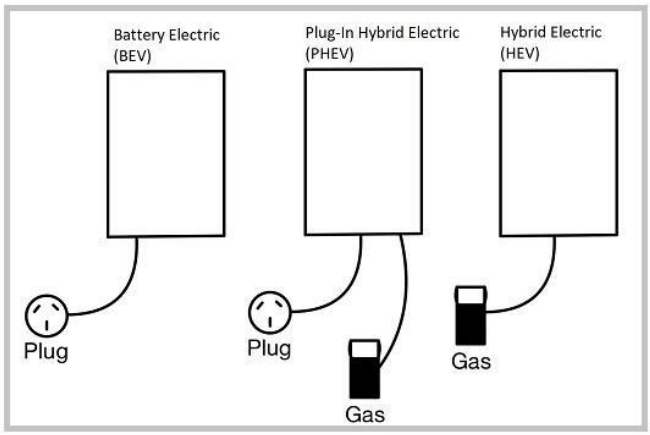
- ◯ New vehicle
- ◯ Used vehicle
- ◯ Unsure

Please indicate the type and powertrain for the next vehicle(s) to be purchased (or leased) by the household.

Small Car:


Large Car:


Pickup Truck:

	Type	Powertrain
Vehicle 1		
Vehicle 2		
Vehicle 3		
Vehicle 4		

	Type	Powertrain
Vehicle 5		
Vehicle 6		

Do you use your vehicle to tow another vehicle (e.g., RV, boat, ATV, motorcycle, etc.) or a trailer?

- Yes
- No

Do you drive your vehicle off public roads for work purposes (e.g., on your property or private roads)?

- Yes
- No

How often do you tow another vehicle (e.g., RV, boat, ATV, motorcycle, etc.) or a trailer?

- Rarely (1-3 times per year)
- Sometimes (1-3 times per month)
- Seasonally (1 or more times per week for one season)
- Frequently (1 or more times per week throughout the year)

How often do you use your vehicle off public roads for work purposes (e.g., on your property or private roads)?

- Rarely (1-3 times per year)
- Sometimes (1-3 times per month)
- Seasonally (1 or more times per week for one season)
- Frequently (1 or more times per week throughout the year)

How long (in minutes) is your typical commute one-way?

What is your typical travel mode for your daily commute (e.g. work or school)?

Please indicate the trip length (in minutes) for your most recent non-commuting trip (e.g., to go to a store, restaurant, or doctor's office).

What was the purpose of this trip?

How did you make this trip?

- I drove myself
- I was driven by someone I know
- I took public transit
- I took a taxi, I used an exclusive ride hailing service
- I used a shared ride hailing service
- I used a bicycle
- Other

How many long-distance trips (75+ miles one-way) do you take in a calendar year including by air? Please enter whole numbers (integers) only.

For long-distance one-way trips between 75 and 500 miles long, what is your primary travel mode? Please select one for each category.

	Personal Car	Rental Car	Bus	Train	Airplane	I do not make such trips
Non-Business (visit with family &/or friends, vacation/recreation)	○	○	○	○	○	○
Business (conferences or out-of-city meetings)	○	○	○	○	○	○

For long-distance one-way trips greater than 500 miles long, what is your primary travel mode? Please select one for each category.

	Personal Car	Rental Car	Bus	Train	Airplane	I do not make such trips
Non-Business (visit with family &/or friends, vacation/recreation)	○	○	○	○	○	○
Business (conferences or out-of-city meetings)	○	○	○	○	○	○

How likely are you to consider making long-distance trips by rental car?

- ○ Highly unlikely
- ○ Unlikely
- ○ Unsure
- ○ Likely
- ○ Very Likely

If public transportation was available to meet your daily (non-long distance) travel needs, would you still own a personal vehicle?

- ◯ Yes
- ◯ No

People's attitude to new travel modes-EV

The next set of questions relate to your attitudes about electric vehicle adoption.

Is there anything that concerns you about battery electric vehicles? Please select all that apply.

I am concerned that:

- ☐ Electric vehicles have limited battery capacity to support long-distance trips.
- ☐ There are only a few charging stations near my home or workplace.
- ☐ Electric vehicles have long charging times.
- ☐ Electric vehicles have a lower price-performance ratio: They are more expensive than internal combustion vehicles with similar vehicle configurations.
- ☐ Other (please specify): [ ]
- ☐ I have no concerns.

What are important considerations when deciding whether to own a battery electric vehicle instead of a traditional gasoline/diesel-powered vehicle? Please select all that apply.

I would prefer a battery electric vehicle because:

- ☐ Electricity costs a lot less than gasoline, so electric vehicles have lower use costs.

- [ ] Electric vehicles provide higher levels of comfort due to little noise and engine vibration.
- [ ] Electric vehicles reduce air pollution and greenhouse gas emissions.
- [ ] Electric vehicles are more energy efficient, and this helps reduce fossil fuel consumption.
- [ ] I like emerging technology, so I want to own an electric vehicle.
- [ ] Other (please specify): _____
- [ ] I would not consider it at all.

Which of the following statements most closely reflects the potential for electric vehicle charging at your primary residence?

- [ ] I have a private enclosed garage that could accommodate a home charger.
- [ ] I have a private non-enclosed garage that could accommodate a home charger.
- [ ] I have a dedicated parking space in a shared parking facility (either enclosed or non-enclosed) that could accommodate a home charger.
- [ ] I have a dedicated parking space in a shared parking facility (either enclosed or non-enclosed) that could not accommodate a home charger.
- [ ] I have street parking available that could accommodate a home charger.
- [ ] I have street parking available that could not accommodate a home charger.
- [ ] I do not have a dedicated parking facility available.
- [ ] Other: (please specify) _____

In my opinion, there are many issues that are more immediately important than the environment.

- ○ Strongly disagree
- ○ Somewhat disagree
- ○ Neither agree nor disagree
- ○ Somewhat agree
- ○ Strongly agree

Rank the following issues from the most important (1) to least important (7) by dragging the choices to your preferred position.

Air Pollution

Water Shortages

Soil Contamination

Extreme Weather

Loss of Biodiversity

Deforestation

Plastic Pollution

Rank the following issues from the most important (1) to least important (10) by dragging the choices to your preferred position.

Education

Access to Health Care

Climate Change

Immigration

Discrimination/Racism

The Economy

Poverty

Gun Violence

Political Polarization

Crime

Click to write the question text

Stated Preference Experiments 1

	Small Gas	Small Electric	Large Gas	Large Electric	Pickup Truck Gas	Pickup Truck Electric
Purchase price	$20,000	$40,000	$37,500	$70,000	$57,500	$85,000
Fuel cost (per 100 miles)	$7	$5	$15	$7	$12	$12
Annual maintenance cost	$2,000	$700	$1,000	$600	$2,000	$700
Tax rebate		$7,500		$7,500		$5,000
Recharging time		At station: 30 minutes At home: 7 hours		At station: 30 minutes At home: 7 hours		At station: 15 minutes At home: 10 hours
Driving range (miles)	450	225	400	225	600	300
Towing capacity (lbs)			10,000	7,500	9,000	7,000

Onboard generator capacity						4 days of typical home demand

Your choice:

- ◯ Small Gas
- ◯ Small Electric
- ◯ Large Gas
- ◯ Large Electric
- ◯ Pickup Truck Gas
- ◯ Pickup Truck Electric

	Small Gas	**Small Electric**	**Large Gas**	**Large Electric**	**Pickup Truck Gas**	**Pickup Truck Electric**
Purchase price	$30,000	$33,500	$52,500	$60,000	$65,000	$75,000
Fuel cost (per 100 miles)	$9	$7	$12	$4	$20	$5
Annual maintenance cost	$1,500	$600	$1,500	$500	$2,000	$500
Tax rebate		$5,000		$10,000		$5,000
Recharging time		At station: 1 hour At home: 10 hours		At station: 15 minutes At home: 10 hours		At station: 1 hour At home: 4 hours
Driving range (miles)	375	150	475	150	600	300
Towing capacity (lbs)			8,500	6,000	12,000	10,000
Onboard generator capacity						5 days of typical

						home demand

Your choice:

- Small Gas
- Small Electric
- Large Gas
- Large Electric
- Pickup Truck Gas
- Pickup Truck Electric

	Small Gas	Small Electric	Large Gas	Large Electric	Pickup Truck Gas	Pickup Truck Electric
Purchase price	$25,000	$26,500	$52,500	$50,000	$65,000	$85,000
Fuel cost (per 100 miles)	$12	$7	$12	$4	$12	$12
Annual maintenance cost	$1,500	$500	$1,500	$700	$1,000	$600
Tax rebate		$10,000		$5,000		$5,000
Recharging time		At station: 15 minutes At home: 4 hours		At station: 1 hour At home: 10 hours		At station: 1 hour At home: 4 hours
Driving range (miles)	450	150	475	300	450	150
Towing capacity (lbs)			8,500	9,000	9,000	7,000
Onboard generator capacity						3 days of typical

						home demand

Your choice:

- Small Gas
- Small Electric
- Large Gas
- Large Electric
- Pickup Truck Gas
- Pickup Truck Electric

	Small Gas	Small Electric	Large Gas	Large Electric	Pickup Truck Gas	Pickup Truck Electric
Purchase price	$30,000	$40,000	$37,500	$70,000	$65,000	$75,000
Fuel cost (per 100 miles)	$12	$5	$9	$7	$20	$9
Annual maintenance cost	$2,000	$700	$1,000	$600	$2,000	$700
Tax rebate		$7,500		$7,500		$7,500
Recharging time		At station: 30 minutes At home: 7 hours		At station: 30 minutes At home: 7 hours		At station: 1 hour At home: 4 hours
Driving range (miles)	375	225	550	225	450	150
Towing capacity (lbs)			7,000	7,500	12,000	10,000
Onboard generator capacity						2 days of typical home demand

Your choice:

- ◯ Small Gas
- ◯ Small Electric
- ◯ Large Gas
- ◯ Large Electric
- ◯ Pickup Truck Gas
- ◯ Pickup Truck Electric

	Small Gas	Small Electric	Large Gas	Large Electric	Pickup Truck Gas	Pickup Truck Electric
Purchase price	$25,000	$26,500	$45,000	$50,000	$72,500	$95,000
Fuel cost (per 100 miles)	$9	$2	$9	$9	$16	$9
Annual maintenance cost	$2,000	$500	$2,000	$500	$1,500	$600
Tax rebate		$5,000		$10,000		$5,000
Recharging time		At station: 1 hour At home: 4 hours		At station: 15 minutes At home: 10 hours		At station: 30 minutes At home: 7 hours
Driving range (miles)	450	150	400	300	525	225
Towing capacity (lbs)			10,000	6,000	10,500	8,500
Onboard generator capacity						4 days of typical home demand

Your choice:

- ◯ Small Gas
- ◯ Small Electric
- ◯ Large Gas
- ◯ Large Electric
- ◯ Pickup Truck Gas
- ◯ Pickup Truck Electric

	Small Gas	Small Electric	Large Gas	Large Electric	Pickup Truck Gas	Pickup Truck Electric
Purchase price	$25,000	$33,500	$37,500	$60,000	$65,000	$85,000
Fuel cost (per 100 miles)	$12	$2	$9	$9	$20	$12
Annual maintenance cost	$1,000	$600	$2,000	$500	$1,000	$500
Tax rebate		$10,000		$5,000		$5,000
Recharging time		At station: 1 hour At home: 4 hours		At station: 15 minutes At home: 10 hours		At station: 15 minutes At home: 10 hours
Driving range (miles)	300	300	400	300	600	150
Towing capacity (lbs)			7,000	9,000	12,000	7,000
Onboard generator capacity						3 days of typical home demand

Your choice:

- ◯ Small Gas
- ◯ Small Electric

- ◯ Large Gas
- ◯ Large Electric
- ◯ Pickup Truck Gas
- ◯ Pickup Truck Electric

Stated Preference Experiments 2

	Small Gas	Small Electric	Large Gas	Large Electric	Pickup Truck Gas	Pickup Truck Electric
Purchase price	$20,000	$40,000	$52,500	$60,000	$65,000	$75,000
Fuel cost (per 100 miles)	$7	$7	$12	$4	$20	$5
Annual maintenance cost	$2,000	$700	$1,500	$700	$1,000	$500
Tax rebate		$7,500		$5,000		$10,000
Recharging time		At station: 30 minutes At home: 7 hours		At station: 15 minutes At home: 4 hours		At station: 1 hour At home: 10 hours
Driving range (miles)	300	225	475	150	600	300
Towing capacity (lbs)			8,500	9,000	9,000	7,000
Onboard generator capacity						2 days of typical home demand

Your choice:

- ◯ Small Gas
- ◯ Small Electric

- ◯ Large Gas
- ◯ Large Electric
- ◯ Pickup Truck Gas
- ◯ Pickup Truck Electric

	Small Gas	Small Electric	Large Gas	Large Electric	Pickup Truck Gas	Pickup Truck Electric
Purchase price	$30,000	$26,500	$52,500	$50,000	$65,000	$95,000
Fuel cost (per 100 miles)	$9	$2	$12	$9	$12	$9
Annual maintenance cost	$1,500	$700	$1,500	$500	$1,500	$600
Tax rebate		$10,000		$5,000		$7,500
Recharging time		At station: 15 minutes At home: 10 hours		At station: 1 hour At home: 4 hours		At station: 30 minutes At home: 7 hours
Driving range (miles)	375	300	475	150	525	225
Towing capacity (lbs)			8,500	6,000	12,000	8,500
Onboard generator capacity						3 days of typical home demand

Your choice:

- ◯ Small Gas
- ◯ Small Electric
- ◯ Large Gas

- ◯ Large Electric
- ◯ Pickup Truck Gas
- ◯ Pickup Truck Electric

	Small Gas	Small Electric	Large Gas	Large Electric	Pickup Truck Gas	Pickup Truck Electric
Purchase price	$20,000	$33,500	$45,000	$60,000	$57,500	$95,000
Fuel cost (per 100 miles)	$7	$7	$15	$9	$12	$9
Annual maintenance cost	$1,000	$500	$1,000	$700	$2,000	$600
Tax rebate		$5,000		$10,000		$7,500
Recharging time		At station: 15 minutes At home: 10 hours		At station: 1 hour At home: 4 hours		At station: 30 minutes At home: 7 hours
Driving range (miles)	300	300	550	300	450	225
Towing capacity (lbs)			10,000	9,000	9,000	7,000
Onboard generator capacity						3 days of typical home demand

Your choice:

- ◯ Small Gas
- ◯ Small Electric
- ◯ Large Gas
- ◯ Large Electric
- ◯ Pickup Truck Gas

○ Pickup Truck Electric

	Small Gas	Small Electric	Large Gas	Large Electric	Pickup Truck Gas	Pickup Truck Electric
Purchase price	$25,000	$26,500	$45,000	$50,000	$72,500	$95,000
Fuel cost (per 100 miles)	$10	$2	$9	$9	$16	$9
Annual maintenance cost	$1,000	$500	$1,000	$700	$1,500	$600
Tax rebate		$5,000		$10,000		$7,500
Recharging time		At station: 1 hour At home: 10 hours		At station: 15 minutes At home: 4 hours		At station: 30 minutes At home: 7 hours
Driving range (miles)	450	300	475	150	525	225
Towing capacity (lbs)			7,000	9,000	10,500	8,500
Onboard generator capacity						3 days of typical home demand

Your choice:

○ Small Gas
○ Small Electric
○ Large Gas
○ Large Electric
○ Pickup Truck Gas
○ Pickup Truck Electric

	Small Gas	Small Electric	Large Gas	Large Electric	Pickup Truck Gas	Pickup Truck Electric
Purchase price	$20,000	$40,000	$37,500	$70,000	$57,500	$95,000
Fuel cost (per 100 miles)	$12	$5	$9	$7	$20	$9
Annual maintenance cost	$2,000	$700	$1,000	$600	$2,000	$700
Tax rebate		$7,500		$7,500		$7,500
Recharging time		At station: 30 minutes At home: 7 hours		At station: 30 minutes At home: 7 hours		At station: 30 minutes At home: 7 hours
Driving range (miles)	300	225	550	225	450	225
Towing capacity (lbs)			10,000	7,500	9,000	8,500
Onboard generator capacity						4 days of typical home demand

Your choice:

- ◯ Small Gas
- ◯ Small Electric
- ◯ Large Gas
- ◯ Large Electric
- ◯ Pickup Truck Gas
- ◯ Pickup Truck Electric

	Small Gas	Small Electric	Large Gas	Large Electric	Pickup Truck Gas	Pickup Truck

						Electric
Purchase price	$30,000	$33,500	$45,000	$60,000	$65,000	$75,000
Fuel cost (per 100 miles)	$12	$2	$15	$9	$12	$5
Annual maintenance cost	$1,000	$500	$2,000	$500	$1,000	$700
Tax rebate		$10,000		$5,000		$5,000
Recharging time		At station: 15 minutes At home: 4 hours		At station: 1 hour At home: 10 hours		At station: 15 minutes At home: 10 hours
Driving range (miles)	300	300	400	300	600	150
Towing capacity (lbs)			7,000	6,000	12,000	10,000
Onboard generator capacity						2 days of typical home demand

Your choice:

- ◯ Small Gas
- ◯ Small Electric
- ◯ Large Gas
- ◯ Large Electric
- ◯ Pickup Truck Gas
- ◯ Pickup Truck Electric

Stated Preference Experiments 3

	Small Gas	**Small Electric**	**Large Gas**	**Large Electric**	**Pickup Truck Gas**	**Pickup Truck**

						Electric
Purchase price	$25,000	$40,000	$45,000	$70,000	$57,500	$75,000
Fuel cost (per 100 miles)	$7	$5	$15	$7	$12	$12
Annual maintenance cost	$1,500	$600	$1,000	$600	$2,000	$500
Tax rebate		$7,500		$7,500		$10,000
Recharging time		At station: 30 minutes At home: 7 hours		At station: 30 minutes At home: 7 hours		At station: 15 minutes At home: 4 hours
Driving range (miles)	300	225	400	225	600	300
Towing capacity (lbs)			10,000	7,500	9,000	10,000
Onboard generator capacity						2 days of typical home demand

Your choice:

- ○ Small Gas
- ○ Small Electric
- ○ Large Gas
- ○ Large Electric
- ○ Pickup Truck Gas
- ○ Pickup Truck Electric

	Small Gas	**Small Electric**	**Large Gas**	**Large Electric**	**Pickup Truck Gas**	**Pickup Truck Electric**
Purchase price	$30,000	$26,500	$52,500	$50,000	$65,000	$95,000

Fuel cost (per 100 miles)	$7	$7	$12	$4	$20	$9
Annual maintenance cost	$1,500	$700	$1,500	$500	$2,000	$600
Tax rebate		$10,000		$5,000		$7,500
Recharging time		At station: 1 hour At home: 10 hours		At station: 15 minutes At home: 4 hours		At station: 30 minutes At home: 7 hours
Driving range (miles)	375	150	475	300	600	225
Towing capacity (lbs)			8,500	6,000	12,000	8,500
Onboard generator capacity						3 days of typical home demand

Your choice:

- ◯ Small Gas
- ◯ Small Electric
- ◯ Large Gas
- ◯ Large Electric
- ◯ Pickup Truck Gas
- ◯ Pickup Truck Electric

	Small Gas	**Small Electric**	**Large Gas**	**Large Electric**	**Pickup Truck Gas**	**Pickup Truck Electric**
Purchase price	$20,000	$33,500	$45,000	$70,000	$57,500	$85,000
Fuel cost (per 100 miles)	$7	$7	$9	$7	$20	$5

Annual maintenance cost	$1,000	$600	$1,000	$600	$2,000	$700
Tax rebate		$10,000		$7,500		$7,500
Recharging time		At station: 1 hour At home: 4 hours		At station: 30 minutes At home: 7 hours		At station: 15 minutes At home: 10 hours
Driving range (miles)	300	300	550	225	450	150
Towing capacity (lbs)			10,000	7,500	9,000	10,000
Onboard generator capacity						2 days of typical home demand

Your choice:

- ◯ Small Gas
- ◯ Small Electric
- ◯ Large Gas
- ◯ Large Electric
- ◯ Pickup Truck Gas
- ◯ Pickup Truck Electric

	Small Gas	**Small Electric**	**Large Gas**	**Large Electric**	**Pickup Truck Gas**	**Pickup Truck Electric**
Purchase price	$30,000	$40,000	$52,500	$60,000	$57,500	$75,000
Fuel cost (per 100 miles)	$7	$5	$12	$4	$20	$5
Annual maintenance cost	$2,000	$700	$1,500	$700	$1,000	$700

Tax rebate		$7,500		$10,000		$5,000
Recharging time		At station: 30 minutes At home: 7 hours		At station: 1 hour At home: 10 hours		At station: 15 minutes At home: 4 hours
Driving range (miles)	300	150	475	150	600	300
Towing capacity (lbs)			8,500	6,000	12,000	7,000
Onboard generator capacity						5 days of typical home demand

Your choice:

- ◯ Small Gas
- ◯ Small Electric
- ◯ Large Gas
- ◯ Large Electric
- ◯ Pickup Truck Gas
- ◯ Pickup Truck Electric

	Small Gas	**Small Electric**	**Large Gas**	**Large Electric**	**Pickup Truck Gas**	**Pickup Truck Electric**
Purchase price	$25,000	$33,500	$37,500	$50,000	$72,500	$85,000
Fuel cost (per 100 miles)	$9	$5	$15	$4	$16	$12
Annual maintenance cost	$1,500	$500	$2,000	$500	$1,500	$600
Tax rebate		$5,000		$10,000		$5,000

Recharging time		At station: 15 minutes At home: 10 hours		At station: 1 hour At home: 4 hours		At station: 15 minutes At home: 10 hours
Driving range (miles)	375	225	400	300	525	150
Towing capacity (lbs)			10,000	6,000	10,500	8,500
Onboard generator capacity						4 days of typical home demand

Your choice:

- ◯ Small Gas
- ◯ Small Electric
- ◯ Large Gas
- ◯ Large Electric
- ◯ Pickup Truck Gas
- ◯ Pickup Truck Electric

	Small Gas	**Small Electric**	**Large Gas**	**Large Electric**	**Pickup Truck Gas**	**Pickup Truck Electric**
Purchase price	$25,000	$26,500	$45,000	$60,000	$72,500	$85,000
Fuel cost (per 100 miles)	$12	$2	$15	$4	$16	$12
Annual maintenance cost	$2,000	$600	$1,000	$700	$1,500	$700
Tax rebate		$7,500		$10,000		$10,000
Recharging time		At station: 15 minutes		At station: 15 minutes		At station: 15 minutes

		At home: 10 hours		At home: 4 hours		At home: 4 hours
Driving range (miles)	450	150	550	150	525	300
Towing capacity (lbs)			7,000	9,000	10,500	10,000
Onboard generator capacity						2 days of typical home demand

Your choice:

- ◯ Small Gas
- ◯ Small Electric
- ◯ Large Gas
- ◯ Large Electric
- ◯ Pickup Truck Gas
- ◯ Pickup Truck Electric

Stated Preference Experiments 4

	Small Gas	Small Electric	Large Gas	Large Electric	Pickup Truck Gas	Pickup Truck Electric
Purchase price	$20,000	$33,500	$52,500	$70,000	$72,500	$75,000
Fuel cost (per 100 miles)	$12	$7	$9	$7	$16	$5
Annual maintenance cost	$1,000	$500	$2,000	$600	$1,500	$500
Tax rebate		$5,000		$7,500		$10,000

Recharging time		At station: 1 hour At home: 4 hours		At station: 30 minutes At home: 7 hours		At station: 15 minutes At home: 10 hours
Driving range (miles)	450	150	475	300	525	150
Towing capacity (lbs)			8,500	6,000	10,500	10,000
Onboard generator capacity						5 days of typical home demand

Your choice:

- ◯ Small Gas
- ◯ Small Electric
- ◯ Large Gas
- ◯ Large Electric
- ◯ Pickup Truck Gas
- ◯ Pickup Truck Electric

	Small Gas	**Small Electric**	**Large Gas**	**Large Electric**	**Pickup Truck Gas**	**Pickup Truck Electric**
Purchase price	$20,000	$40,000	$37,500	$60,000	$57,500	$95,000
Fuel cost (per 100 miles)	$12	$5	$15	$4	$12	$9
Annual maintenance cost	$2,000	$600	$2,000	$500	$1,000	$600
Tax rebate		$7,500		$10,000		$5,000
Recharging time		At station: 30 minutes		At station: 15 minutes		At station: 30 minutes

		At home: 7 hours		At home: 10 hours		At home: 4 hours
Driving range (miles)	450	225	550	225	450	225
Towing capacity (lbs)			7,000	7,500	12,000	8,500
Onboard generator capacity						4 days of typical home demand

Your choice:

- ◯ Small Gas
- ◯ Small Electric
- ◯ Large Gas
- ◯ Large Electric
- ◯ Pickup Truck Gas
- ◯ Pickup Truck Electric

	Small Gas	**Small Electric**	**Large Gas**	**Large Electric**	**Pickup Truck Gas**	**Pickup Truck Electric**
Purchase price	$20,000	$40,000	$37,500	$70,000	$57,500	$85,000
Fuel cost (per 100 miles)	$12	$5	$9	$7	$20	$5
Annual maintenance cost	$1,000	$600	$2,000	$600	$1,000	$500
Tax rebate		$7,500		$7,500		$10,000
Recharging time		At station: 30 minutes At home: 7 hours		At station: 30 minutes At home: 7 hours		At station: 1 hour At home: 4 hours

Driving range (miles)	300	225	550	225	450	300
Towing capacity (lbs)			10,000	7,500	9,000	7,000
Onboard generator capacity						5 days of typical home demand

Your choice:

- ◯ Small Gas
- ◯ Small Electric
- ◯ Large Gas
- ◯ Large Electric
- ◯ Pickup Truck Gas
- ◯ Pickup Truck Electric

	Small Gas	**Small Electric**	**Large Gas**	**Large Electric**	**Pickup Truck Gas**	**Pickup Truck Electric**
Purchase price	$25,000	$33,500	$37,500	$50,000	$72,500	$95,000
Fuel cost (per 100 miles)	$10	$7	$9	$9	$16	$9
Annual maintenance cost	$2,000	$700	$1,000	$700	$1,500	$700
Tax rebate		$10,000		$5,000		$7,500
Recharging time		At station: 15 minutes At home: 4 hours		At station: 1 hour At home: 10 hours		At station: 30 minutes At home: 7 hours
Driving range (miles)	375	300	400	300	525	225

Towing capacity (lbs)			7,000	9,000	10,500	8,500
Onboard generator capacity						4 days of typical home demand

Your choice:

- ◯ Small Gas
- ◯ Small Electric
- ◯ Large Gas
- ◯ Large Electric
- ◯ Pickup Truck Gas
- ◯ Pickup Truck Electric

	Small Gas	**Small Electric**	**Large Gas**	**Large Electric**	**Pickup Truck Gas**	**Pickup Truck Electric**
Purchase price	$30,000	$26,500	$52,500	$70,000	$72,500	$75,000
Fuel cost (per 100 miles)	$7	$2	$12	$7	$16	$12
Annual maintenance cost	$1,500	$500	$1,500	$600	$1,500	$700
Tax rebate		$5,000		$7,500		$10,000
Recharging time		At station: 15 minutes At home: 4 hours		At station: 30 minutes At home: 7 hours		At station: 1 hour At home: 10 hours
Driving range (miles)	450	300	400	225	450	150
Towing capacity (lbs)			8,500	7,500	10,500	10,000

Onboard generator capacity						5 days of typical home demand

Your choice:

- ◯ Small Gas
- ◯ Small Electric
- ◯ Large Gas
- ◯ Large Electric
- ◯ Pickup Truck Gas
- ◯ Pickup Truck Electric

	Small Gas	Small Electric	Large Gas	Large Electric	Pickup Truck Gas	Pickup Truck Electric
Purchase price	$30,000	$26,500	$45,000	$50,000	$72,500	$85,000
Fuel cost (per 100 miles)	$9	$2	$12	$9	$16	$12
Annual maintenance cost	$1,000	$500	$1,500	$700	$1,500	$500
Tax rebate		$10,000		$5,000		$10,000
Recharging time		At station: 1 hour At home: 10 hours		At station: 15 minutes At home: 4 hours		At station: 1 hour At home: 4 hours
Driving range (miles)	375	300	400	150	525	300
Towing capacity (lbs)			7,000	9,000	10,500	7,000
Onboard generator capacity						5 days of typical

						home demand

Your choice:

- ◯ Small Gas
- ◯ Small Electric
- ◯ Large Gas
- ◯ Large Electric
- ◯ Pickup Truck Gas
- ◯ Pickup Truck Electric

Demographic questions-Personal information

The final set of questions relate to your individual and household attributes.

What gender do you identify with?

Which of the following best describes your race?

What is your marital status?

Do you have a driver's license?

- ◯ Yes

- ◯ No

Which of the following best describes your employment status?

Please indicate your occupation:

What is the highest level of education you have completed?

Demographic questions-Household information

Please enter the zipcode of your household's main residence.

Please select the dwelling type of your household.

- ◯ Single-detached
- ◯ Semi-detached
- ◯ Row house
- ◯ Condo
- ◯ Apartment
- ◯ Student residence
- ◯ Other (please specify)

What is the tenure of your occupied dwelling?

- ◯ Rented
- ◯ Owned with a mortgage
- ◯ Owned without a mortgage
- ◯ Other (please specify) [ ]

How many members/residents (including yourself) are in your household?

Household includes all persons who occupy a housing unit (house, apartment, mobile home, a group of rooms, or a single room).

[ ]

Which one of the following statements describes your household's living arrangements

- ◯ One person living alone
- ◯ Non-family adults living together
- ◯ Family with no children
- ◯ Family with one or more children

How many household members/residents (including yourself) possess a valid driver's license?

[ ]

How many household members/residents (including yourself) are full-time workers?

[ ]

How many household members/residents (including yourself) are part-time workers?

How many household members/ residents (including yourself) are students?

How many children under the age of 18 reside in your household?

How many people above the age of 64 reside in your household?

Which of the following best describes your household's total annual income from all sources, before taxes, for all members of your household?

End

Do you have any comments or suggestions for us?