

Missouri Residential Smart Charge Pilot Program



Liberty[®]

Frequently Asked Questions

Who is eligible to participate in the Residential Charging Program?

The program is currently open to up to 500 residential customers in Liberty's Missouri electric service territory who either own or lease a plug-in electric vehicle (EV) and reside in a home (owned or leased) where a charger can be safely installed in a manner where it can only be used by the occupants.

What am I agreeing to if I sign up?

- Participants must agree to abide by the program rules described in the Participation Agreement, including paying the applicable charges for the cost of the charging equipment and the consumption recorded through the charger.
- Participants will also commit to participate in the program until its conclusion, the fifth anniversary of its launch.
- Participants must remain on one of the time-varying rate options for their general household consumption, as applicable to residential customers over the course of the program.
- Participants must also agree to maintain a reliable Wi-Fi connection in their homes so that Liberty can remotely read the charger's monthly consumption data.
- Finally, Liberty will ask all participants to participate in several surveys during the course of the program and to transfer their account over to electronic billing to reduce costs and use less paper.

How much does it cost to participate per month?

There are two cost components for most participants – a fixed operations fee of \$19.91 per month and the cost of energy consumed through the EV charger. The cost of consumption will depend on how much charging a customer does in a month (related to how much driving they do) but also when this charging occurs.

If the participant chooses to pre-pay the costs of the charger and installation of \$1,000, the monthly fixed fee would be reduced to \$11.71 per month.

Why does it matter when I charge my EV?

The cost of generating electric power varies depending on the time of day and is usually most expensive in the middle of the day during business days, as more expensive generation sources need to be turned on to meet the demand for electricity. Conversely, electricity generation is usually least expensive during the evening hours and through the night – when demand for power is much lower from most businesses and homes.

The nighttime is also when wind generators produce more output that uses “zero-dollar fuel”. Similarly, power line networks undergo more strain during the peak hours. For these reasons, the EV charging rates under the Pilot program will be charged on a “Time of Use” basis and will encourage consumers to charge their EVs overnight – when doing so is least expensive. To reinforce this behavior, charging rates will be the highest during peak hours.

What are the actual hours and rates applicable for the charging equipment?

There are three charging periods – each with its own charging rate: The Off-Peak Period, The Shoulder Period, and the Peak Period. The Peak and Shoulder rates are higher than regular household consumption, while the Off-Peak rate is significantly less:

Timeframe	Summer season	Winter season
Time-Based “Off-Peak” Energy Charge: 10 p.m. to 6 a.m.	\$ 0.03508	\$ 0.03508
Time-Based “Shoulder” Energy Charge: 6 a.m. to Noon	\$ 0.17539	\$ 0.17539
Time-Based “Peak” Energy Charge: Noon to 10 p.m.	\$ 0.24554	\$ 0.24554

Do I have to remain on a time-based rate for my normal household consumption as well?

Yes, participants must remain on one of the time-varying rate options for their general household consumption, as applicable to residential customers over the course of the program. Participants will be issued a single bill that will include both their household and EV consumption, along with the applicable charges.

Can I pay for EV consumption only – without paying the \$19.91 fixed monthly charge?

The fixed monthly charge cannot be avoided entirely, but it can be reduced if a customer chooses to pre-pay the cost of charger and installation of \$1,000. In that event, the customer will pay a smaller monthly fixed charge of \$11.71 – to cover the operating and maintenance costs of the charging infrastructure and costs like billing.

Are there any discounts for Low-Income Customers?

Yes, up to 25 program spots will be reserved for Income-Qualified participants. Income-Qualified participants will be exempt from paying the financing fee, thus receiving the charger and installation for the \$25 deposit. Provided participation spots are still available. Income-Qualified applicants are those customers who qualify for additional forms of rate relief under other applicable Company programs and have an income level at or below 135% of the Federal Poverty Level (FPL), as confirmed by the designated Community Action Agency (CAA).

Are there any other costs that I should be aware of?

Depending on the electrical setup in your home, you may require some upgrades to enable charger installation. Liberty staff will advise whether this is necessary. Eligible home wiring upgrades completed by a certified electrician and supported by an itemized receipt will be eligible for a rebate of up to \$200.

There may be other, more significant upgrades required either within your home or to the distribution lines just outside of your home to ensure safety and reliability. If this work is required, you will be responsible for covering the cost prior to entering the program. Liberty will present you with an estimate and give you an opportunity to weigh your options before proceeding.

What happens if I need to move?

If you are moving to another household within Liberty's Missouri electric service territory – you may request that your charging infrastructure be reinstalled at your new residence. You will be responsible for the associated costs of deinstallation and reinstallation. You will not be eligible for the customer-side rebate the second time.

If you are moving outside of Liberty's Missouri electric service territory – you will be considered as having exited the program before its conclusion and will be required to pay an early termination fee, the amount of which reduces the longer you have been a participant.

What happens at the end of the pilot program?

When the five-year pilot term expires, Liberty will apply to the Missouri Public Service Commission to create a successor program or terminate the program without a successor. In either scenario, participants of the current program will be notified six months ahead of the company's application and will be given three choices regarding their charger equipment:

- Enter the successor program at the terms offered.
- Continue paying down the remaining equipment costs under the previous arrangement – until fully paid out.
- Buy out the remaining equipment costs in one lump sum payment.

The cost of EV charging and the applicable rules will depend on the option chosen and the tariff schedules in force at the time. Liberty will make all efforts to facilitate a smooth transition for early EV adopters in its service territory after the pilot program ends.