Xcel Energy®

Electric Vehicle Pricing Plan

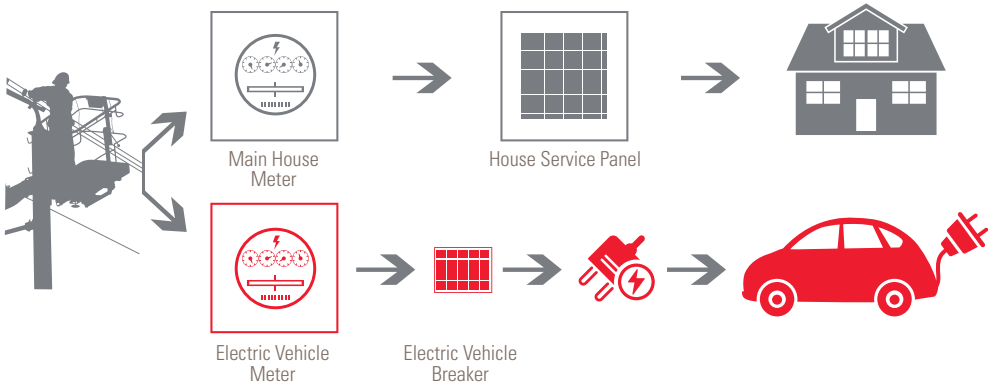
Contractor Set-Up Guide

Pricing Plan Summary

Our special EV Pricing plan makes it easy for electric vehicle owners to save on charging costs. Customers who participate will get a reduced price for the electricity they use to charge their vehicle during off-peak hours (between 9:00 p.m. and 9:00 a.m. on weekdays, or anytime on weekends and holidays).

	Metering Set-Up	Monthly Charge	Off-Peak (9 p.m.–9 a.m., holidays & weekends)	On-Peak (9:00:01 a.m.–8:59:59 p.m., weekdays)
EV Pricing Plan	Separate Meter for the EV Only	$4.95	$0.04260/kWh	$0.16968/kWh (other months) $0.21096/kWh (June–Sept.)

*Prices apply to single phase – secondary voltage use only. Prices are subject to resource and/or fuel adjustments, city fees and taxes where applicable. Prices may change upon PUC approval. Prices include the Variable Fuel Cost Charge.



Customer enrollment process:

1. Customer calls Xcel Energy at **800.895.4999** so we can help determine which pricing plan will work best.
2. If a fast charger is being installed, customer contacts builders.call.line@xcelenergy.com to check the load increase.
3. Customer contacts an electrician for an estimate on the meter housing equipment installation.
4. When the meter housing is installed, inspected and energized, customer visits xcelenergy.com/EVElectricPricing and completes the application form.
5. Customer sends the completed inspection document to builders.call.line@xcelenergy.com.
6. We'll visit the customer's home and install an off-peak meter next to the existing meter.
7. Once the meter is installed the customer can start charging and saving.

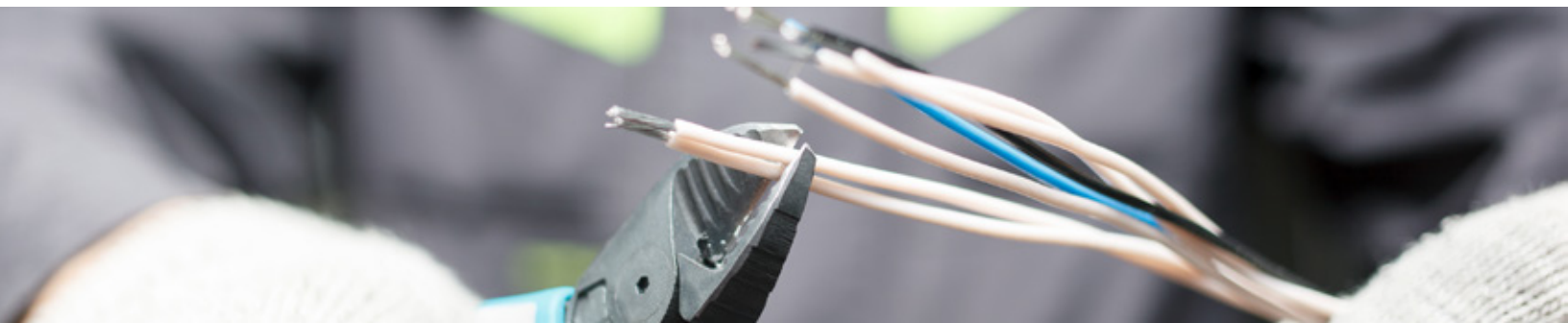
Who provides what for the installation?

Xcel Energy provides:

- EV Billing Meter

Customer installs:

- Meter socket(s) (with a lever bypass)
- Conduit and wiring
- EV charger or dedicated wall outlet



Quick Reference Guide for Service Connection:

1. Choose a service connection option.
2. Contact the Builder's Call Line at **800.628.2121** to schedule a line drop and reconnect. If there is a large load increase, speak with a designer to determine if the service entrance conduit is still valid.
   a. Duplex meter sockets require a simple disconnect and reconnect.
   b. Overhead service requires a splice in the conductor past the weather head, which is made by Xcel Energy. Customers need to provide an adequate length of wire to make this connection.
   c. Underground service requires a connection in the wire below the meter sockets, in the same location that the conduit entered the meter socket. Customers need to supply the junction and route conductor from the point of delivery to the two individual meter sockets. The junction box requires a sealable hasp.
3. Customer visits xcelenergy.com/EVElectricPricing and completes the application form, and sends a completed inspection form to the Builder's Call Line, builders.call.line@xcelenergy.com.

Service Connection Option 1:
Duplex Meter Socket, Underground or Overhead Service

DRAWING EV-10

EV SERVICE METERING MN ONLY

Duplex Underground/Overhead

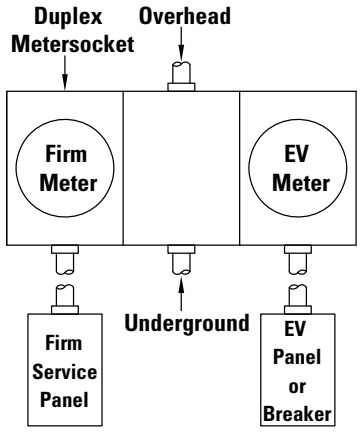


Table of Responsibility

Drawing EV-10

Item material or work description	Party to furnish, own and maintain	Party to install
Permits and Inspections	Customer	N/A
Service Entrance Conductor*	Customer	Customer
Underground Service Lateral	Xcel Energy	Xcel Energy
Service Entrance Conduit	Customer	Customer
Duplex Meter Socket	Customer	Customer
Billing Meter	Xcel Energy	Xcel Energy
Load Side Conduit/ Conductor/Panels	Customer	Customer

Point of Delivery:

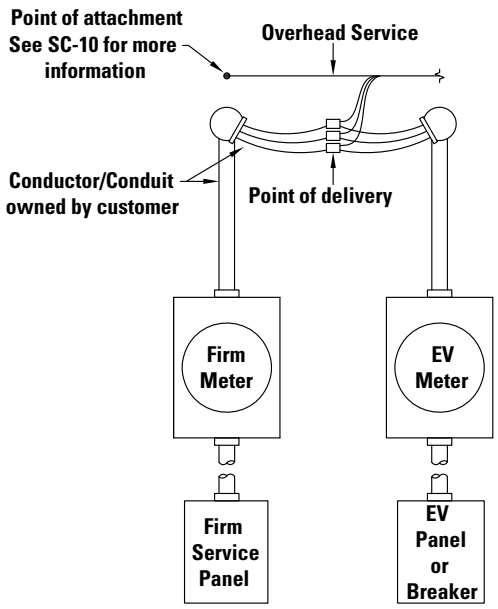
- Point where Xcel Energy's facilities are first connected to the electric facilities of the customer.

*The service entrance conductor refers to the conductor going through the mast between the line side of the meter socket, through the weather head, and to the point of delivery.

Service Connection Option 2:
Separate Socket, Overhead Service

DRAWING EV-20

OVERHEAD SERVICE



SEPARATE SOCKET OPTION

NOTES:

1. Riser conduit and conductor supplied and installed by customer/electrician.
2. Point of delivery in service loop.

Table of Responsibility

Drawing EV-20

Item material or work description	Party to furnish, own and maintain	Party to install
Permits and Inspections	Customer	N/A
Service Entrance Conductor*	Customer	Customer
Junction in Drip Loop	Xcel Energy	Xcel Energy
Self-Contained Meter Socket	Customer	Customer
Billing Meter	Xcel Energy	Xcel Energy
Load Side Conduit/ Conductor/Panels	Customer	Customer

Point of Delivery:

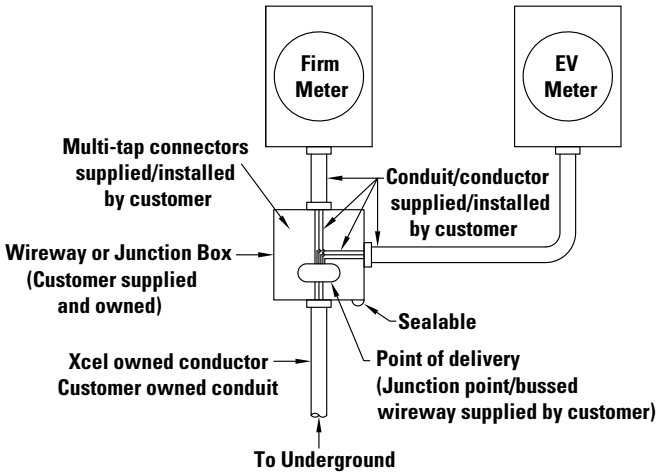
- Overhead Service Residential – Point where Xcel Energy's facilities are first connected to the electric facilities of the customer.
- The junction is made in the drip loop between the conductor exiting the weather head and the overhead service drop. The connection will be made by Xcel Energy.

*The service entrance conductor refers to the conductor going through the mast between the line side of the meter socket, through the weather head, and to the point of delivery.

Service Connection Option 3:
Separate Socket, Underground Service

DRAWING EV-30

UNDERGROUND SERVICE



NOTES:

1. Need to coordinate disconnect/reconnect with Xcel builders line.
2. Point of delivery in wireway, conductors after that point supplied by customer.
3. Junction point or bussed wireway supplied by customer.

Table of Responsibility

Drawing EV-30

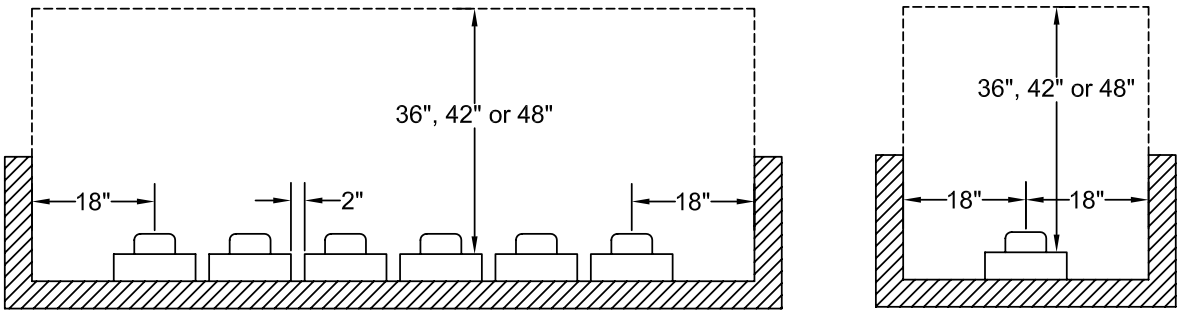
Item material or work description	Party to furnish, own and maintain	Party to install
Permits and Inspections	Customer	N/A
Underground Service Lateral	Xcel Energy	Xcel Energy
Junction Box/ Wire way	Customer	Customer
Point of Connection	Customer	Customer
Self-Contained Meter Socket	Customer	Customer
Billing Meter	Xcel Energy	Xcel Energy
Load Side Conduit/ Conductor/Panels	Customer	Customer

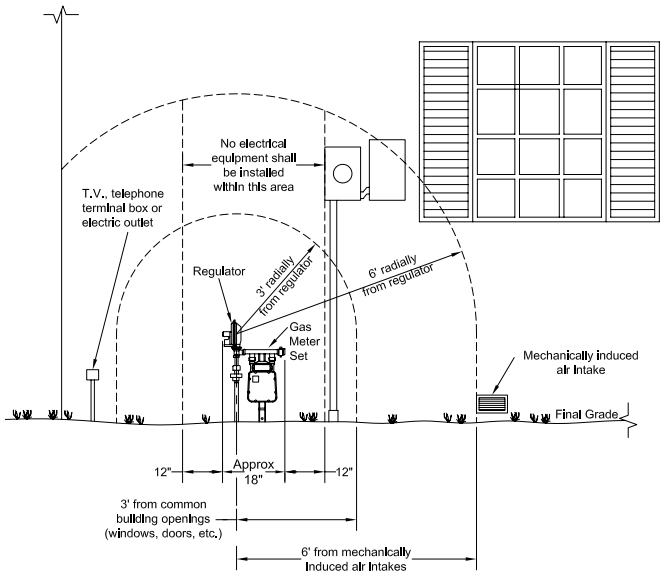
Point of Delivery:

- Underground Service Residential – Point where Xcel Energy's facilities are first connected to the electric facilities of the customer.
- Occurs inside wireway or junction box. Connection is made via connectors supplied and installed by the customer.

Where do I install the meter socket and service box?

The second meter socket or duplex meter socket must be installed outside and grouped by the existing meter socket at a vertical height of 4'–6', measured from final grade to the center of the meter. The minimum horizontal dimensions of the platform shall meet the National Electrical Code® requirements for working space, as specified under "Meter Clearances" in the Standards for Electric Installation and Use manual. Additionally, clearances around the gas meter should be met. Refer to the following diagrams and Drawing CR-10, in that publication for reference.





1. Area within dashed lines shall be clear of all obstructions.
2. 18" clearance shall be maintained to either side of the center line of the meter socket per NEC.
3. 36", 42" or 48" clearance shall be maintained in front of meter socket per NEC.
4. Height of working clearance shall be per NEC.
5. The meter socket must be located within 2' of the existing meter.

Does it have to be a duplex meter socket?

No. For new construction, a duplex meter socket may be a good option. But, it is not required on an existing premises. If two separate sockets are being used, they should be next to each other with the two masts for an overhead service as close to each other as possible. The second meter socket should be vertically aligned, (from the center point) with the existing socket and within 24" horizontally, from the main house meter.

Can I install this as a sub-meter?

No. Industry best practice for safety is a dedicated service.

Is a lever bypass meter socket required?

Yes. The meter socket for the EV must be a lever bypass from a manufacturer on our approved list. It must also conform to all other standards as depicted in section 4.13 from our Standard for Electrical Installation and Use.

What voltage charging equipment can I install for the EV Pricing Plan?

EV chargers that use 120V, 240V or 208V (network) are all allowed. Available voltage will be dependent on existing distribution facilities in the area.

Can I install the meter socket on a detached garage?

There are two options for customers wishing to charge their vehicle in a detached garage:

1. The customer may participate in the EV Pricing Plan by installing the EV meter within 2' of the existing meter. If the main-house meter is not on the garage, a line can be run to the detached garage.

2. The customer may participate in Time of Day pricing instead of the EV Pricing Plan, and install a Time of Day meter on the detached garage. In this case, the panel can be used for additional charges besides an electric vehicle. A second service would need to be requested and started at an extra cost to the customer.

Can I install a fast charger?

Yes. Prior to installing a DC fast charger or an AC Level 2 charger, please call the Builder's Call Line at 800.628.2121 to check if a significant load increase will necessitate a service upgrade. With prior notification, we can make the necessary system modifications to continue to reliably serve the EV customer and surrounding community.

Who do I call at Xcel Energy to confirm the meter specifications?

- **Technical metering questions? Call 800.422.0782.**
- **General questions?** We're available 24 hours a day at **800.895.4999.**

Need more guidance? Consult the Standard for Electric Installation and Use manual.

Key sections related to the EV Pricing Plan including (but are not limited to):

- 4.10.3 Meter installation & Ownership
- 4.13 Meter Sockets
- 4.14.2 Meter Installation
- 4.15.5 Meter Socket Identification Requirements
- 4.15 Meter Mounting Heights

Get the latest details and information. Visit **xcelenergy.com/EVElectricPricing**.

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