

## EV CHARGER RULES

### ELECTRIC VEHICLES

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### EV CHARGER RULES – ELECTRIC VEHICLES

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#### SCOPE

This covers Electric Vehicle (EV) charging and public charging stations. All sections of the [Electric Service Standards](#) apply in addition to NEC 625 and all applicable local and federal electrical, building and fire codes.

For more information call Rock Energy Cooperative Customer Service: (866) 752-4550 or visit our website: [www.rock.coop/electric-vehicles](http://www.rock.coop/electric-vehicles)

#### ELECTRIC VEHICLE (EV) CHARGING

If considering installing an Electric Vehicle Charging Station, please work with a licensed electrical contractor to understand the costs involved. In many cases, a member may wire from their existing service panel and a second meter is not required. A member installing an Electric Vehicle Charging Station may keep their current rate or consider the EV Rate.

For more information on rates call Rock Energy at (866) 752-4550 or visit our website: [www.rock.coop/electric-vehicles](http://www.rock.coop/electric-vehicles)

#### GENERAL RULES

- A. **Should the installing contractor or electrician need to disconnect the electrical service at any point, the installer must contact Rock Energy to schedule a time for Rock Energy crews to perform the disconnect. Cutting the meter seal or making any alterations to Rock Energy's equipment by anyone other than Rock Energy crews will result in a tampering fee being applied to the member's bill.**
- B. Member owned equipment shall not be installed in any cabinets or meter socket areas that are sealed by Rock Energy.
- C. Meter assemblies that contain breakers must meet Short Circuit Current Rating (SCCR), Fault Current Ratings and Amperage Interrupting Current (AIC), if the meter assembly does not contain breakers, these ratings do not apply.
- D. Splices are not allowed in meter sockets, pedestals, or cabinets.
- E. Metering equipment shall not be used as a raceway unless designed with such provisions.
- F. It is not permitted to modify or install lugs in a meter socket, pedestal, or metering transformer cabinet other than what is listed on the manufacturer's drawing associated with the UL listing.

#### WIRING INSPECTIONS

- A. Member wiring installations shall meet the minimum requirements as set forth by current NFPA 70 NEC, state regulatory commissions, and the local Authority Having Jurisdiction (AHJ). Rock Energy shall receive written approval from the AHJ.
- B. Where no inspection authority exists, Rock Energy shall receive a complete signed copy of WI or IL wiring affidavit before energizing any new or modified electric service.
- C. Rock Energy reserves the right to inspect for compliance with these standards but assumes no responsibility for the inspection of the member's installation.

**EV CHARGER RULES**

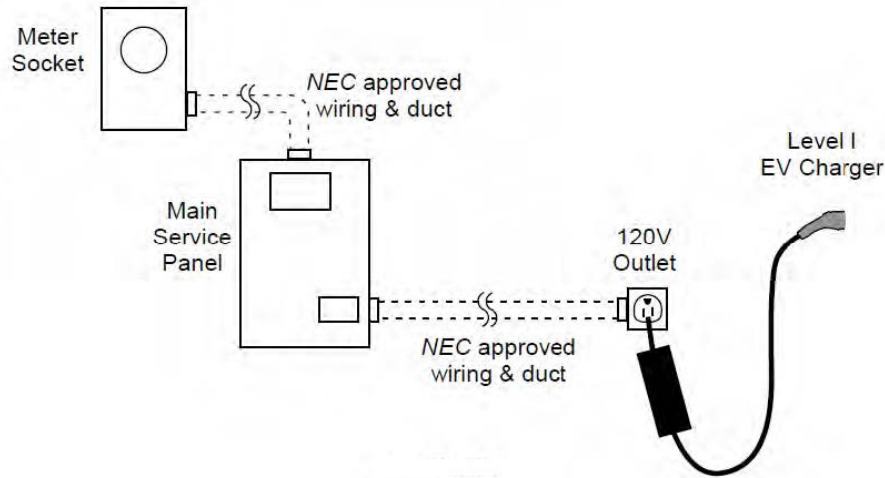
**ELECTRIC VEHICLES**

**ELECTRIC VEHICLE (EV) CHARGING - SERVICE CAPACITY**

**A. Existing Service - Adequate Service Capacity**

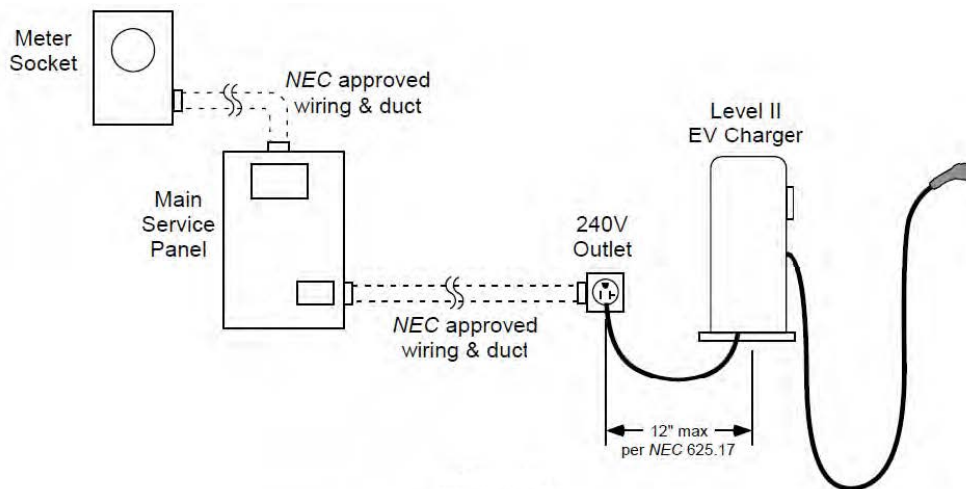
**1. Level I EV Charging (120V):**

A dedicated circuit and standard outlet are needed. A second meter is not required. Member should verify with a licensed electrician if the existing wiring is sufficient to accommodate a Level I EV Charging Station.



**2. Level II EV Charging (240V residential or 208V commercial):**

A dedicated circuit with adequate capacity to accommodate a Level II EV Charging Station is needed. Member should verify with a licensed electrician if the existing wiring, service panel and meter is sufficient to accommodate a Level II EV Charging Station. Member should also contact Rock Energy Cooperative at (866) 752-4550 to verify their existing transformer size is sufficient to handle the additional load.

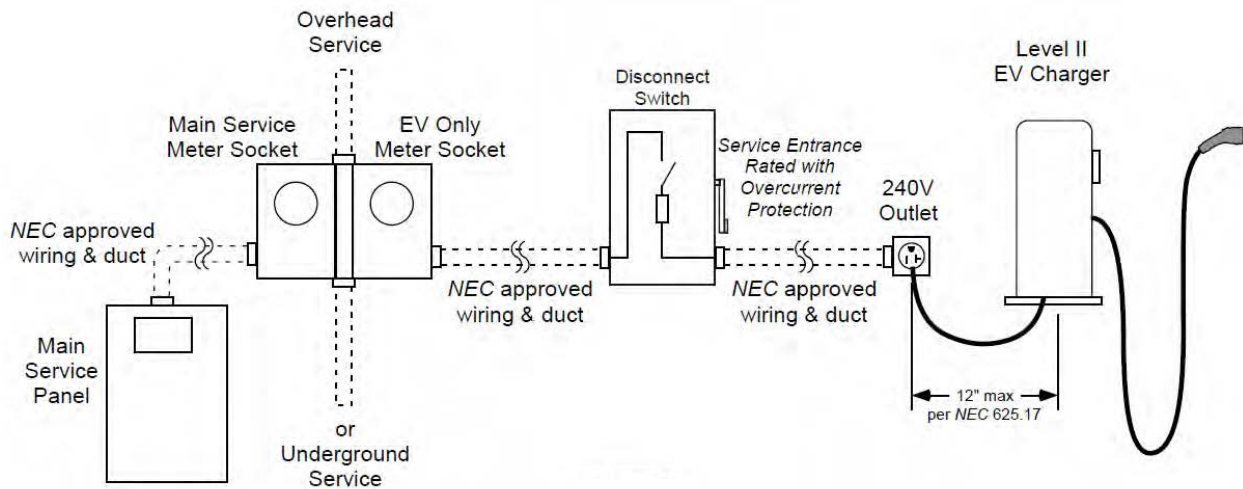


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#### B. Existing Service - Inadequate Service Capacity

If the existing electric service is deemed inadequate by a licensed electrician to supply a Level I or Level II EV Charging Station, multiple options exist for the member. These options include upgrading the transformer, replacing or making upgrades to the panel(s), meter equipment, or installing a duplex meter socket.



#### C. Remote Building or Structure

1. Remote Building or Structure already has dedicated service.

If remote building/structure already has an electrically isolated service, an EV Charging Station may be added based on the previous sections.

2. Remote Building or Structure does not have a dedicated service.

A second electric service for an EV Charging Station may be allowed in order to install a Level II EV Charging Station on an unattached garage or remote building/structure as long as the remote building/structure is electrically isolated from any building with an existing electric service.

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#### Level III DC Fast Charging (DCFC) (480V)

A member may install a separate stand-alone EV DCFC Station. The member shall follow all of the applicable sections of the [Electric Service Standards](#) to establish a new service point.

