

Get Plug-In Ready with Consumers Energy

An Overview for Electrical Contractors and Inspectors

Consumers Energy is ready to meet the needs of new plug-in electric vehicle (PEV) owners as the cars arrive at dealer showrooms throughout 2011. Please see our PEV website, www.consumersenergy.com/pev, for at-home charging information and how customers will get “Plug-in Ready.” Customers can choose one of Consumers Energy’s new PEV rate options. The rate option that they choose will define the electrical configuration.

PEV Rate Option 1

No additional meter will be used for this rate option, however Consumers Energy’s system may need to be modified to handle the additional load. In order to qualify for this rate, the charging station must be fed from one residential meter served from a single residential service. If an additional service is required, the customer will not qualify for this PEV rate.

PEV Rate Option 2

A second dedicated meter will be required for the electric vehicle charging station and Consumers Energy’s system may need to be modified to handle the additional load. Both the house meter and the charging station meter must be fed from a single service to qualify for this rate. If an additional service is required the customer will not qualify for these PEV rates.

Key Points

- Prior to electrical changes being made for the customer’s residence, please contact Consumers Energy so we can determine if modifications are required to our system.
- Customers may qualify for the Consumers Energy PEV incentive program to offset the cost of installing a Level 2 (240V) charging station.
- Customers with electric vehicles are not required to choose the PEV rate but they can stay on their current residential rate.
- Install wiring and equipment in accordance with local and National Electrical Code. Obtain all required permits and inspections.
- Customers shall not back-feed or transmit stored energy from the electric vehicle’s battery to Consumers Energy’s distribution system.
- Contact Consumer Energy’s PEV program representatives with any questions.

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