WHAT IS V2G?

AND WHAT DO V2X TERMS MEAN?

Omaha Public Power District

How EV batteries interact with the grid, buildings, and devices.

*OPPD does not support all forms of V2G today. Technology and standards are emerging. We are tracking national pilots as adoption grows.

V2X
Vehicle to **Everything**

V2F
Use V2F in **FARM** settings

V2L
Plug tool and appliance **LOAD** into EV

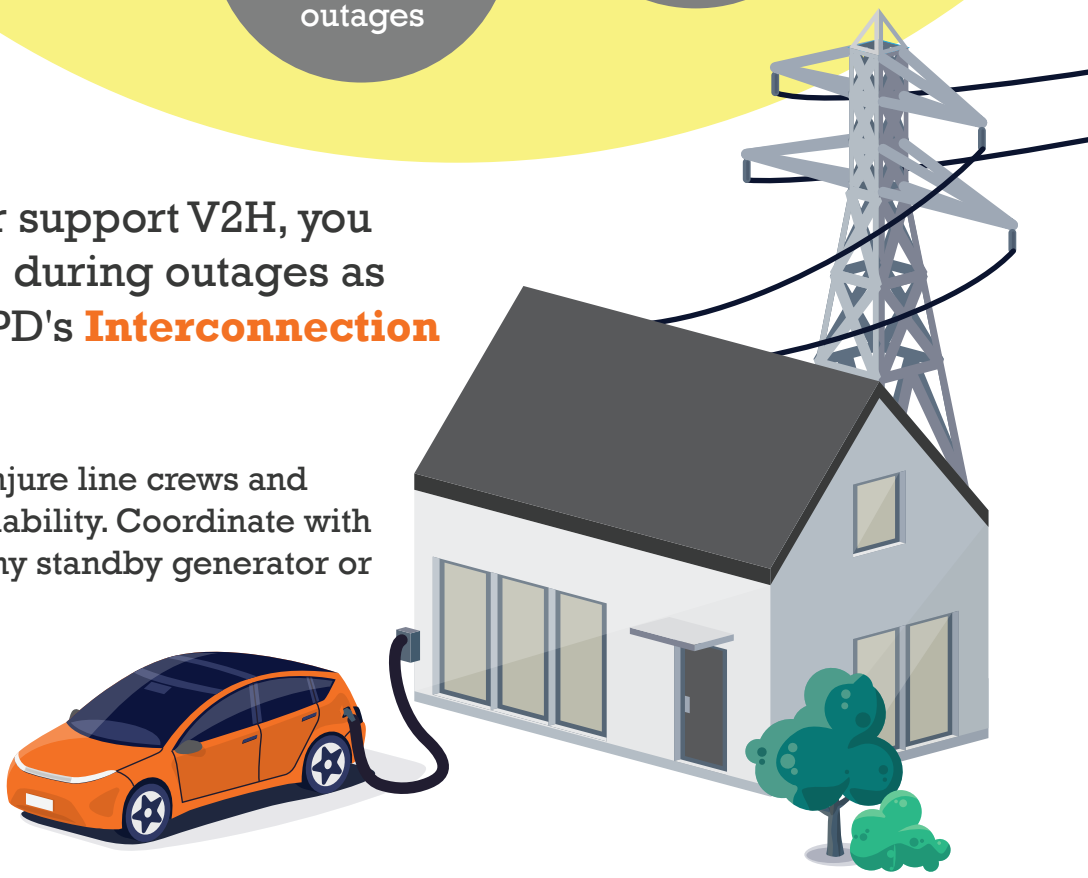
V2V
Share charge between **VEHICLES**

V2H
Power a **HOME** for short outages

V2B
Support **BUILDING** during outages

V2G
Balance the **GRID** using stored EV energy

If your EV and charger support V2H, you may power your home during outages as long as you follow OPPD's **Interconnection Process**.

Backfeed can injure line crews and impact grid reliability. Coordinate with OPPD before any standby generator or V2H setup.

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