



Going Electric: Supporting Customers in Transition

John Williamson, PNM



PNM



Agenda



Electric Vehicles

- Hybrid | • Plug-in Hybrid | • Battery Electric
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EV Charging

- Charging Levels | • Charger Ports | • Charger Facts
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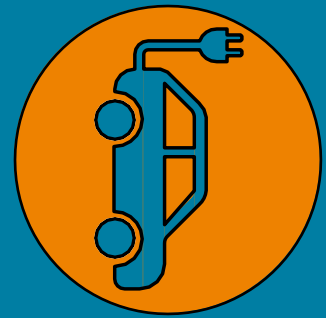
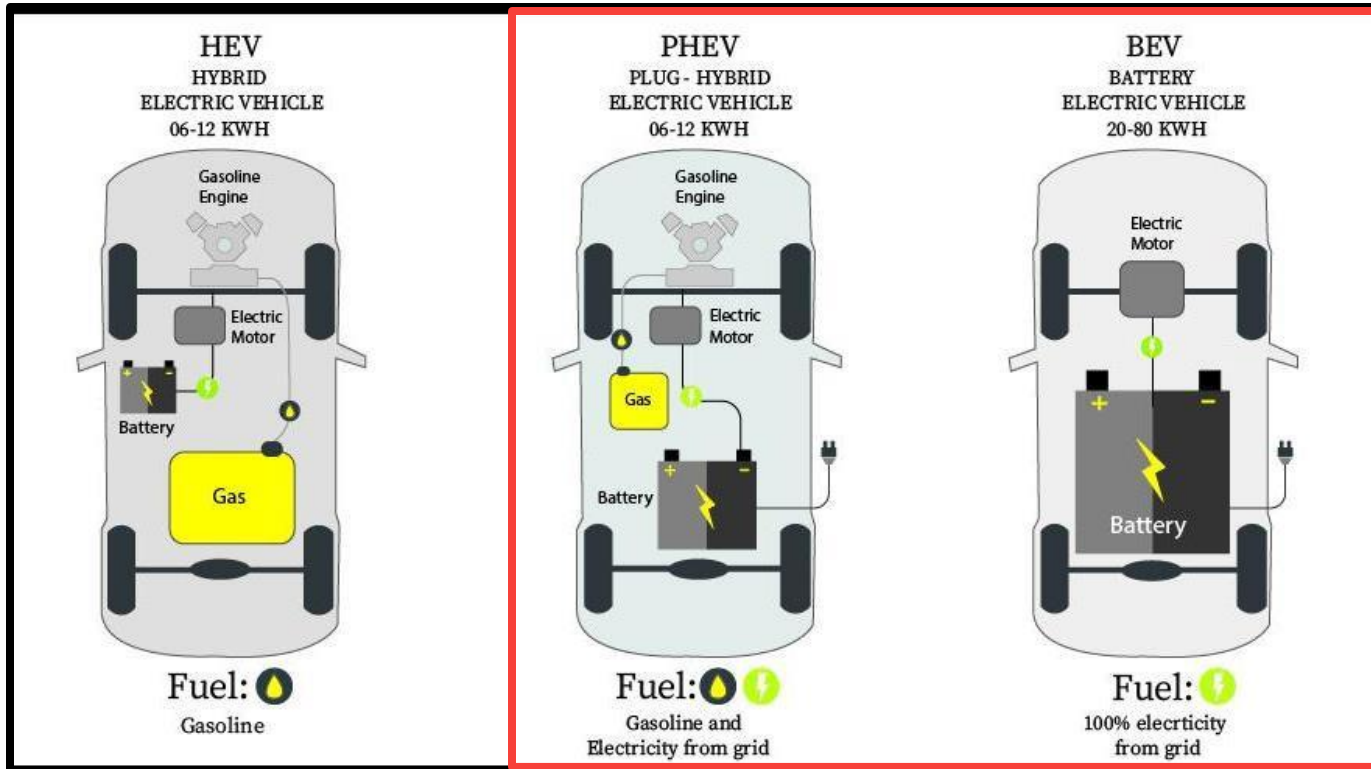


Supporting Customers

- Rebates | • Electric Rates | • Resources
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Electric Vehicles (EVs) use electricity from an external source.

- Plug-in Hybrid Electric Vehicles (PHEVs)
- Battery Electric Vehicles (BEVs).



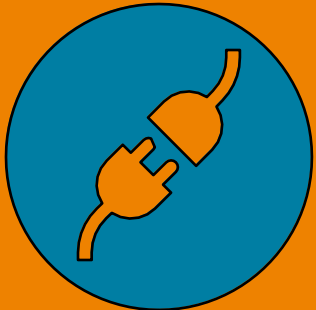
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- Charger Facts



Level 1

- Standard wall outlet, 1-phase 120V
- Full charge in days
- Daily top-up



Level 2

- 1-phase, 240V or 3-phase 208V
- Full charge in hours
- Weekly top-up

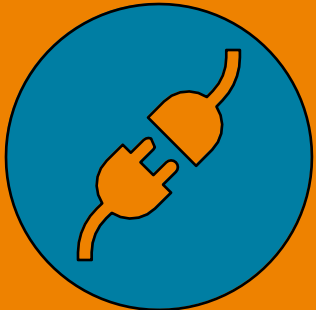


Direct Current Fast Charger

- Typically 3-phase power, 480V
- Full charge in minutes
- Traveling

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CHAdeMO

- Legacy US and Japanese standard
- DCFC capable
- Discontinued, some vehicles still on road



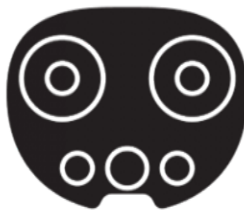
J1772 / Type 1

- Current standard designed & approved by SAE
- Level 2 capable; no DCFC capability
- Current standard for most vehicles



CCS Combo T1

- Current DCFC standard designed & approved by SAE
- DCFC capable
- Current standard for most vehicles



Tesla Plug / NACS

- Tesla's proprietary plug
- DCFC Capable
- Current plug for all US Tesla models; Ford, GM, Volvo, and Rivian to adopt



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NM drivers travel 35 miles per day



80% + charging happens at home



Less than \$50 fuel costs per month



550+ public EV charging ports in NM

EV Charger Rebates

- **\$6.7M in rebates**

- Residential Home Charger - \$500
 - Up to \$2,000 for low-income install
- Public DCFC – \$25,000 per station
- Public L2 - \$2,500 per port
- Work/Fleet L2 - \$2,500 per port

- **Offsets customer make-ready costs**

- **Additional funding expected 2024**



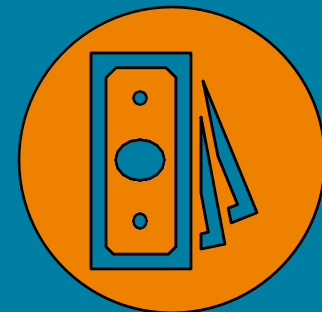
Supporting Customers

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EV Charging Electric Rates

- Residential
 - Whole-Home EV Charging Rate
 - Low-cost electricity from 10PM to 5AM
 - \$3.00 for 300 miles of range
- Commercial
 - Available for non-residential EV charging stations in PNM's service area
 - No demand charge / volumetric rate for energy consumed
 - Predictable pricing allows businesses to set appropriate rates for end users



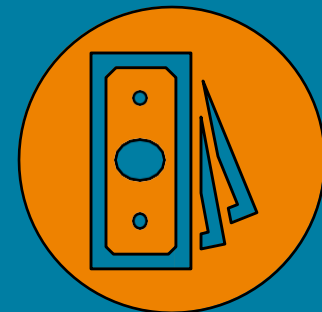
Supporting Customers

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Resources for YOU!

- Collaborate with dealerships to support YOUR customers
 - Training and collateral for sales & finance teams
 - Network of EVSE installers for home & business
- Education & Outreach Campaigns
 - Print, TV, Digital Streaming, and Audio Ads
 - High school education on EVs
 - Community Organization Partnership
- Online EV Marketplace
- Multiple EV events per year for PNM's 400,000+ households



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Thank you!!!



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