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CEC V2H Webinar
November 10, 2026

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Toyota and Lexus PHEV and BEV Lineup



TZ ES RZ NX RX TX



Highlander CH-R bZ Woodland bZ RAV4 Plug-In Prius Plug-In

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Technology and Portfolio Approach

- V2G DC capable: Highlander BEV and Lexus TZ
  - Able to operate in parallel, isolation, or export
- Vehicles follow the 15118 -20 communications protocol



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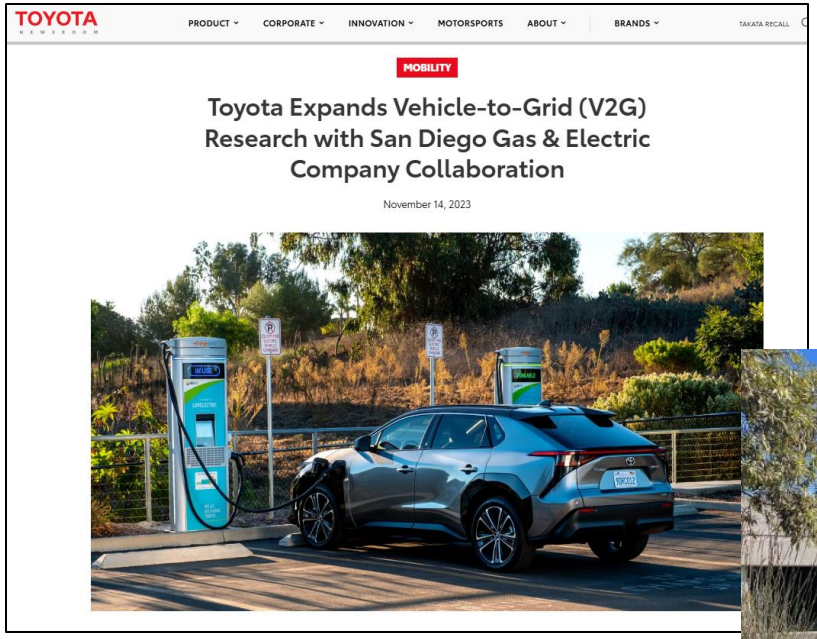
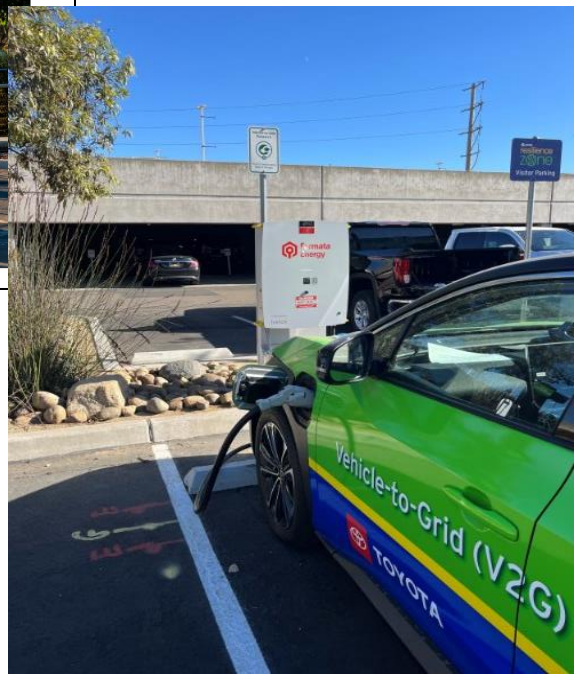
Vehicle-to-Grid Pilot Activity in California

SDG&E: San Diego, CA

Explored three different use cases

1. California demand response market: May- Oct., $2/kWh
2. Home backup power: reduce home load with simulated driver profiles
3. SDG&E's Dynamic Commercial Export Rate: Bill credits earned for electricity sent back to grid





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Q&A



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