



Electric Vehicles

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Customer Energy Solutions

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US EV market continues to evolve; 400,000 EVs sold



2011

- Volt
- LEAF
- Tesla Roadster
- Fisker Karma

2012

- Volt
- LEAF
- Tesla Roadster
- Tesla Model S
- C-Max Energi
- Focus Electric
- Plug-in Prius
- RAV4 EV
- Mitsubishi iMiEV
- Smart ED

2013

- Volt
- Spark EV
- LEAF
- Tesla Model S
- C-Max Energi
- Fusion Energi
- Focus Electric
- Plug-in Prius
- RAV4 EV
- Mitsubishi iMiEV
- Smart ED
- Accord Plug-in
- Fit EV
- 500e

2014

- Volt
- Spark EV
- LEAF
- Tesla Model S
- C-Max Energi
- Fusion Energi
- Focus Electric
- Plug-in Prius
- RAV4 EV
- Mitsubishi iMiEV
- Smart ED
- Accord Plug-in
- Fit EV
- 500e
- i3
- i8
- Panamera SE
- Cayenne SE
- ELR
- B-Class ED
- Soul EV
- VW e-Golf

2015

- Volt
- Spark EV
- LEAF
- Tesla Model S
- Tesla Model X
- C-Max Energi
- Fusion Energi
- Focus Electric
- Plug-in Prius
- iMiEV
- Smart ED
- Accord Plug-in
- 500e
- i3
- i8
- X5 xDrive e40
- Panamera S E-hybrid
- Cayenne S E-hybrid
- Porsche 918 Spyder
- ELR
- B-Class ED
- S550 PHV
- Soul EV
- e-Golf
- Sonata PHV
- XC90
- A3 e-tron

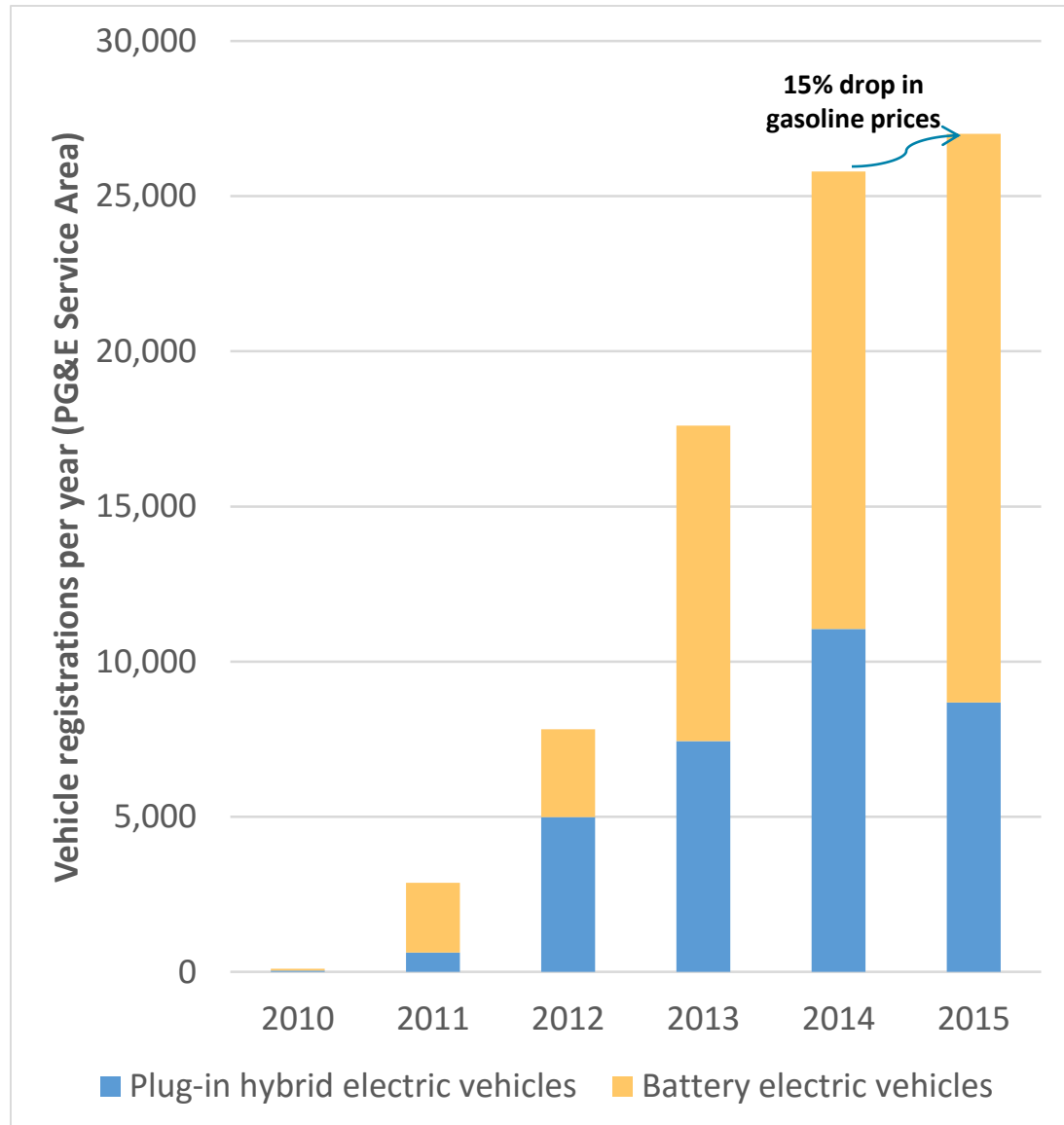
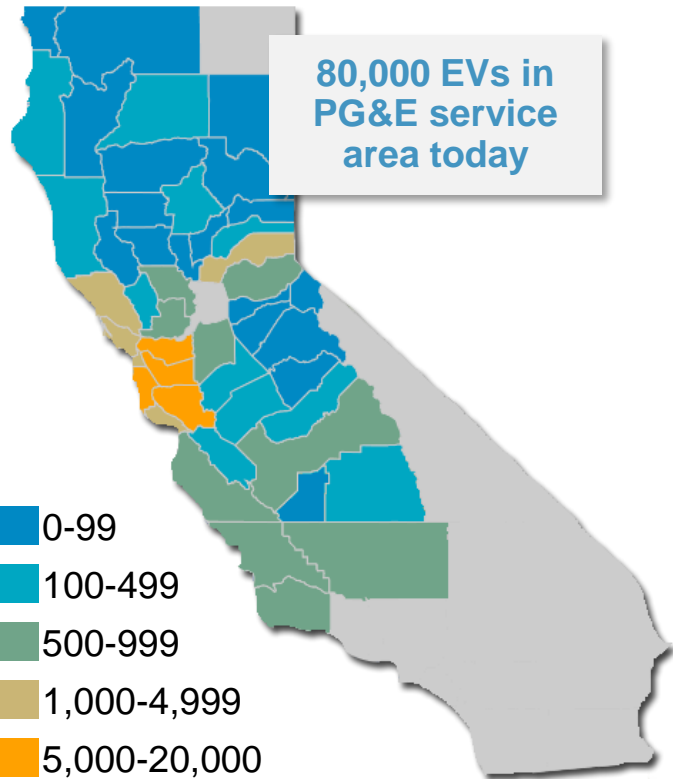
2016



PG&E has more electric vehicles plugging in than any utility in the U.S.

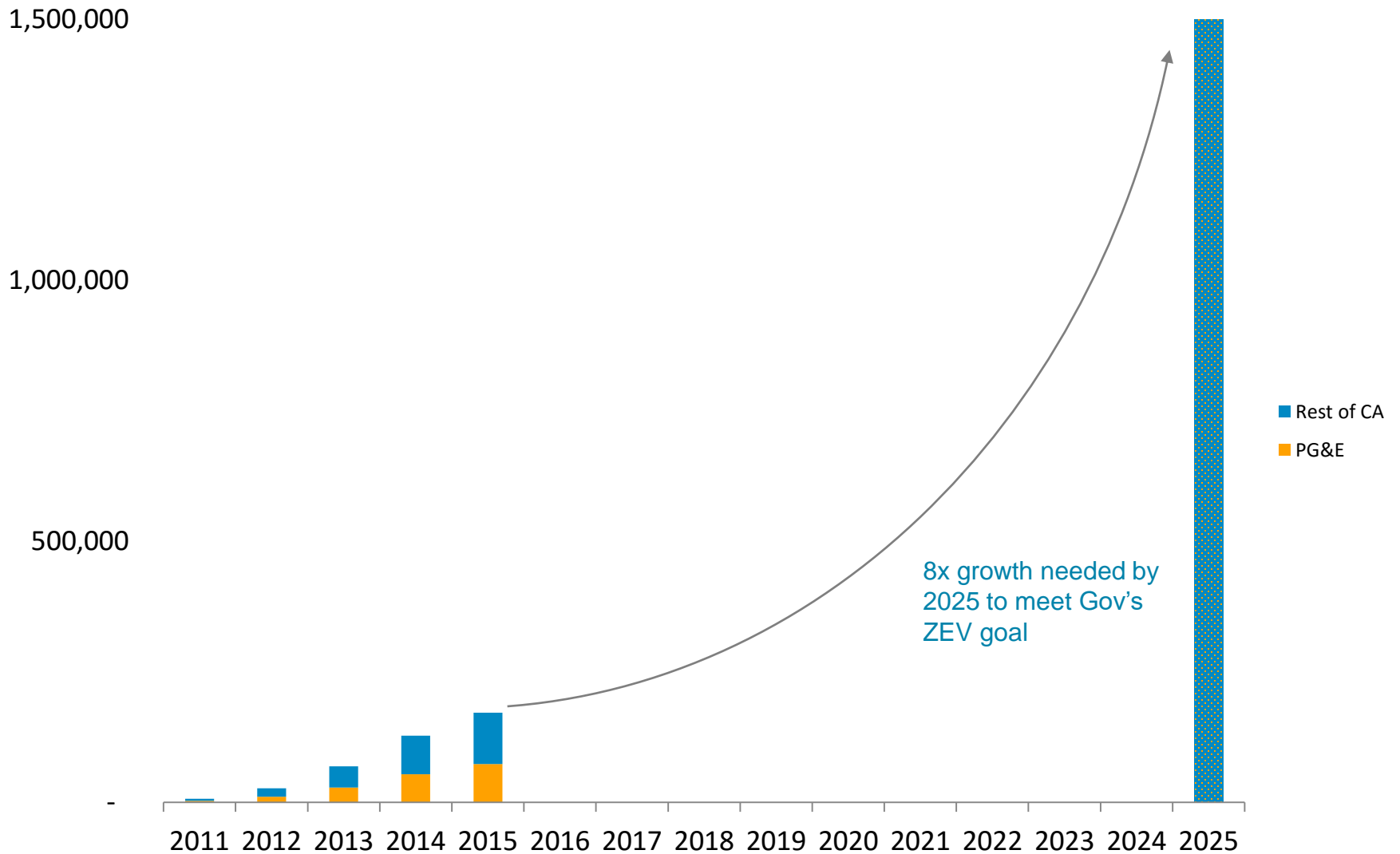
Cumulative EV Sales by County¹

PG&E Service Area



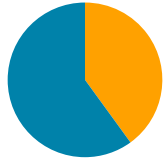


California has set a target of 1.5 million zero-emission vehicles by 2025





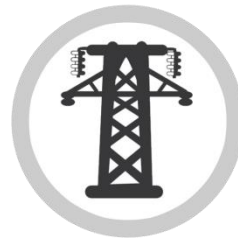
California policymakers are looking to EVs to meet aggressive climate goals



Transportation accounts for **40%** of CA GHG emissions



Gov. Brown's ZEV Action Plan calls for **1.5M** zero-emission vehicles by 2025



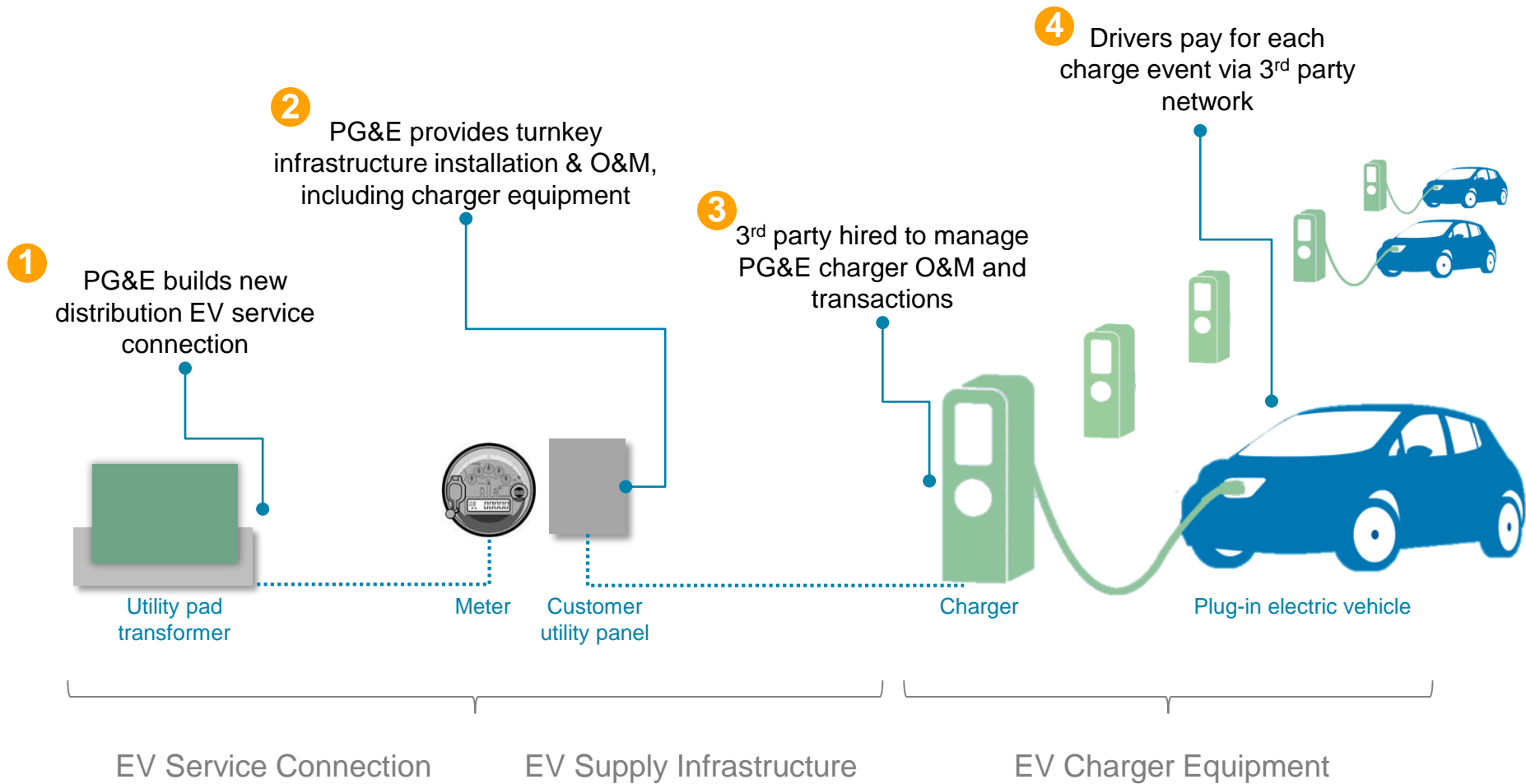
CPUC allows utilities to propose EV infrastructure investments



SB 350 codifies long-term role of utilities to increase EV adoption



PG&E EV Program will deliver turnkey infrastructure installations for workplaces, MUDs, public sites





IOU EV Program Comparison



Approved



Proposed



Approved

Program Structure	Vehicle Grid Integration	Turnkey Charging Installation	Make-ready Installation
Size	3,500 Chargers \$45M	2,500-7,500 Chargers (Incl. DC Fast Chargers) \$89-220M	1,250 Chargers \$22M
Site Hosts	Workplace, MUD	Workplace, MUD, Public/Retail	Workplace, MUD, Public/Retail
Charger Ownership & O&M	SDG&E	PG&E	Site host (with utility rebate for purchase)