



PG&E and Transportation Electrification

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Utility tools to accelerate transportation electrification

Utility tools for TE

- Infrastructure development
- Rate design
- Education and outreach
- Grid integration technologies



PG&E Guiding Principles for Transportation Electrification



Increase access to electricity as a transportation fuel



Enable EV market and support grid management using core utility capabilities



Support California climate, air quality and equity policies



Target commercially ready sectors that will spur technology diffusion



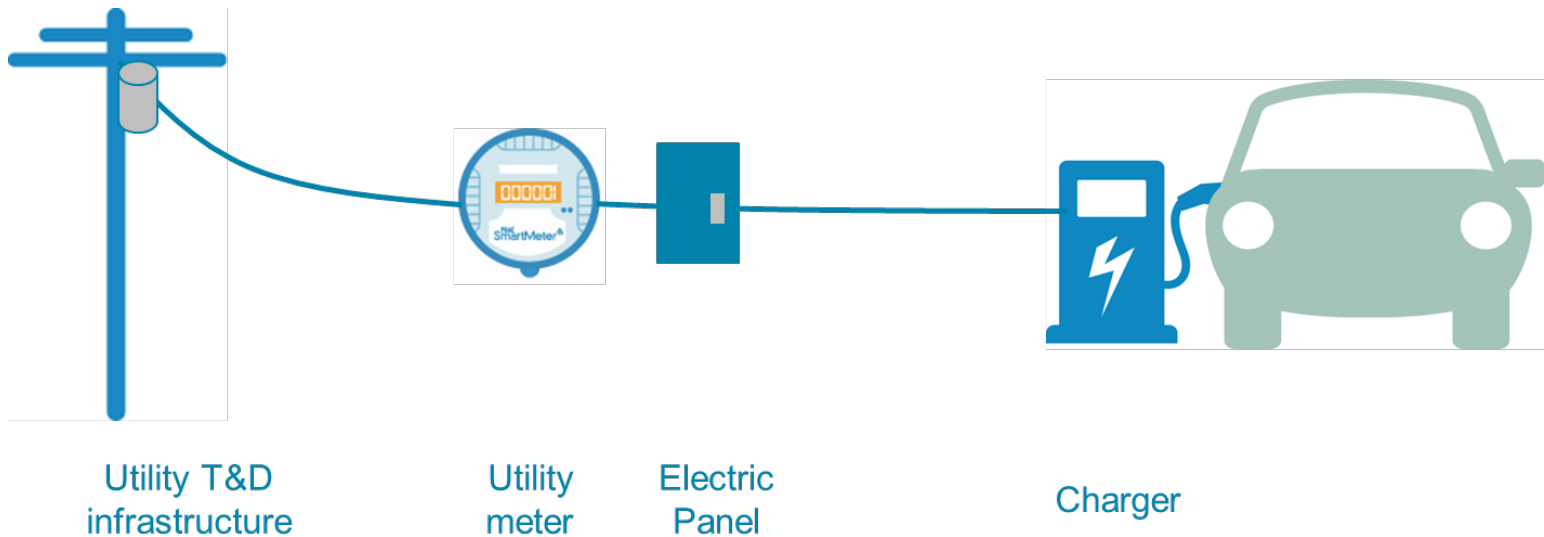
Leverage state, federal and private funding



PG&E SB 350 proposals aim to address key barriers: infrastructure and operating costs

Utility infrastructure support for medium, heavy-duty and off-road sectors

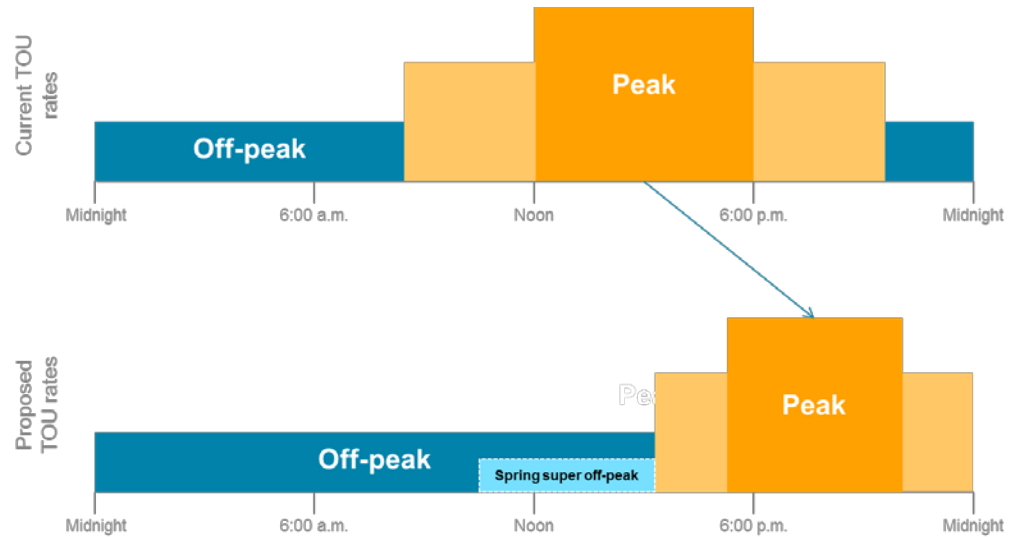
- 3-5 year program based on forecast market adoption, beginning 2018-2019
- Additional support for disadvantaged communities
- Priority demonstration projects to develop key lessons learned





Understanding utility rates and managing charging can lower operational costs

Energy charges:
Time-of-use rates
\$/kWh



Demand charges:
Peak demand
\$/kW

