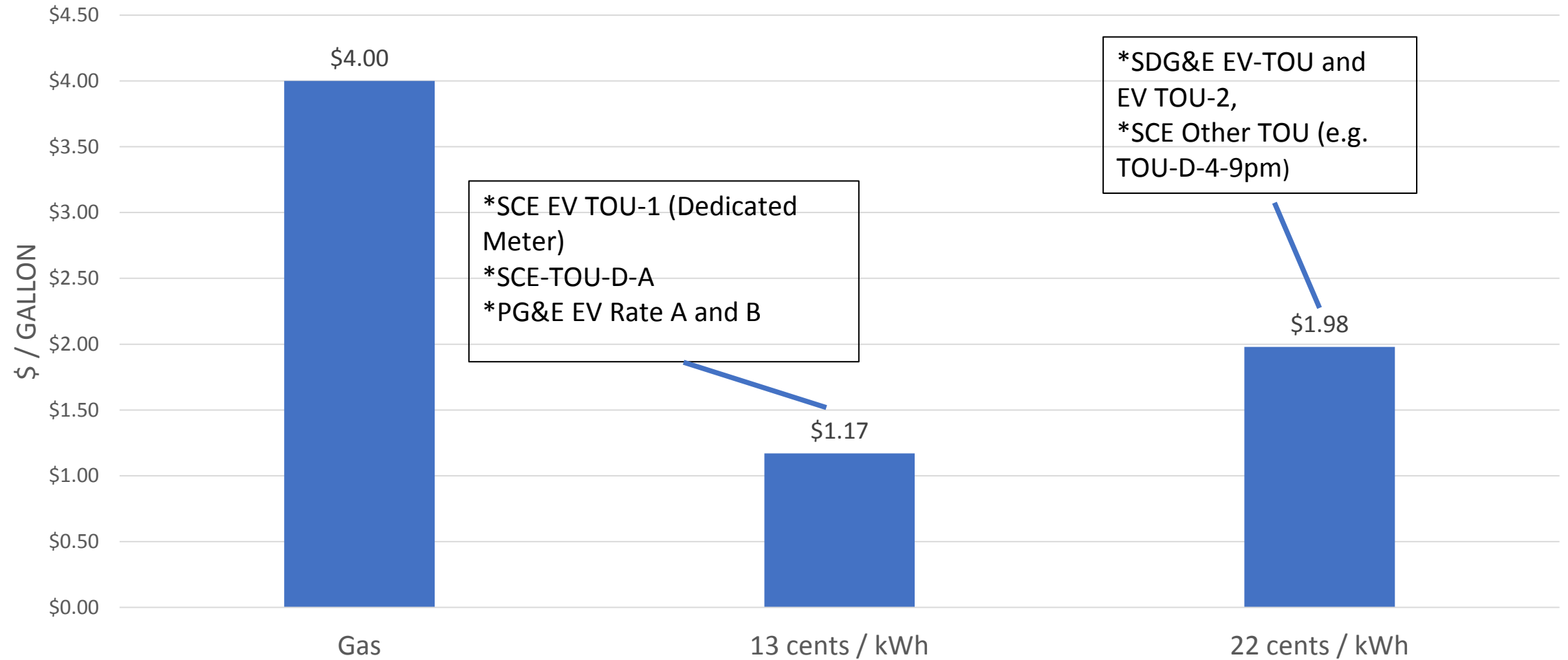


ZEV Rate Design Panel

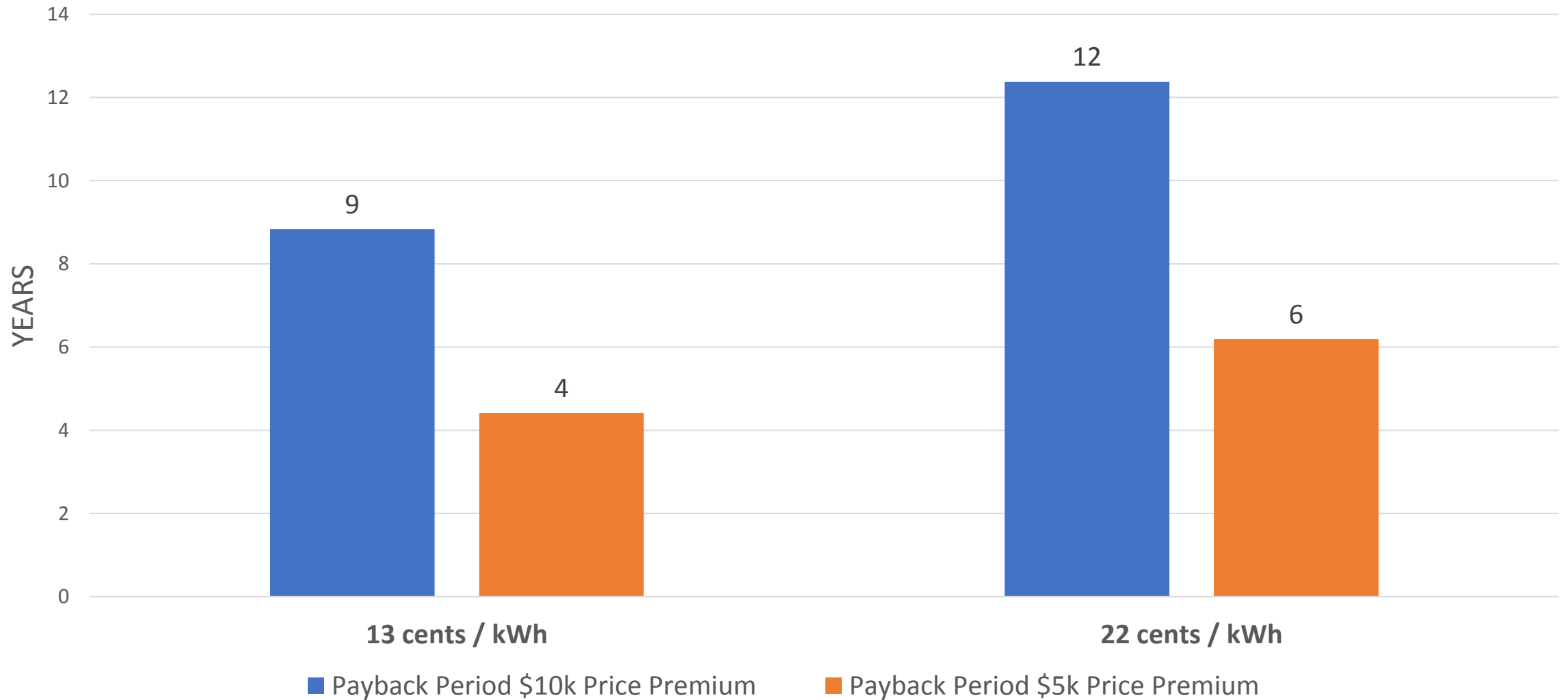
Eric Borden, Energy Analyst, TURN



Off-Peak Residential EV TOU vs. Gasoline



Payback Period (Years) for EVs in IOU Territories Assuming All Off-Peak Residential Charging



Appendix - Key Assumptions

- \$4/gallon gasoline (average weekly prices posted here - http://www.energy.ca.gov/almanac/transportation_data/gasoline/retail_gasoline_prices2.html.)
- 12,000 miles / year driven
- 30mpg gasoline vehicle replaced by EV
- Rate information from utility websites and tariff sheets.
- EV battery efficiency of .3 kWh/mile (Nissan Leaf, <https://www.fueleconomy.gov/feg/Find.do?action=sbs&id=34918>.)