

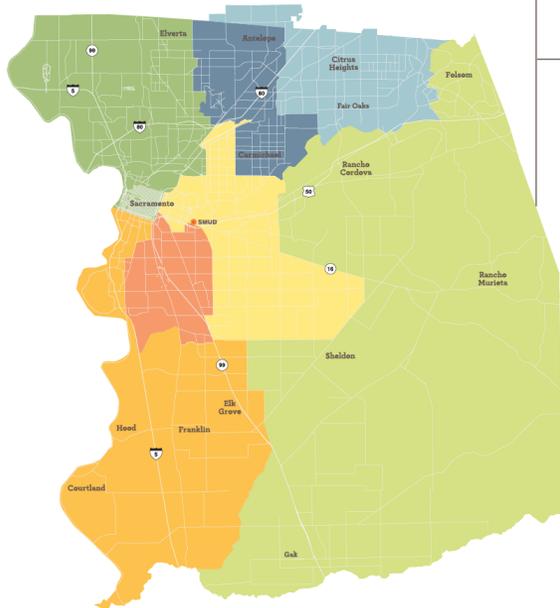
ET Summit 2024

Presented by



SMUD is your community-owned, not-for-profit electric service.

6th largest community-owned in the U.S.



75+ Years
Est. 1946

Power mix that's on average about **50% carbon-free**



The most ambitious goal of any large utility in the United States

~645,000 Customers

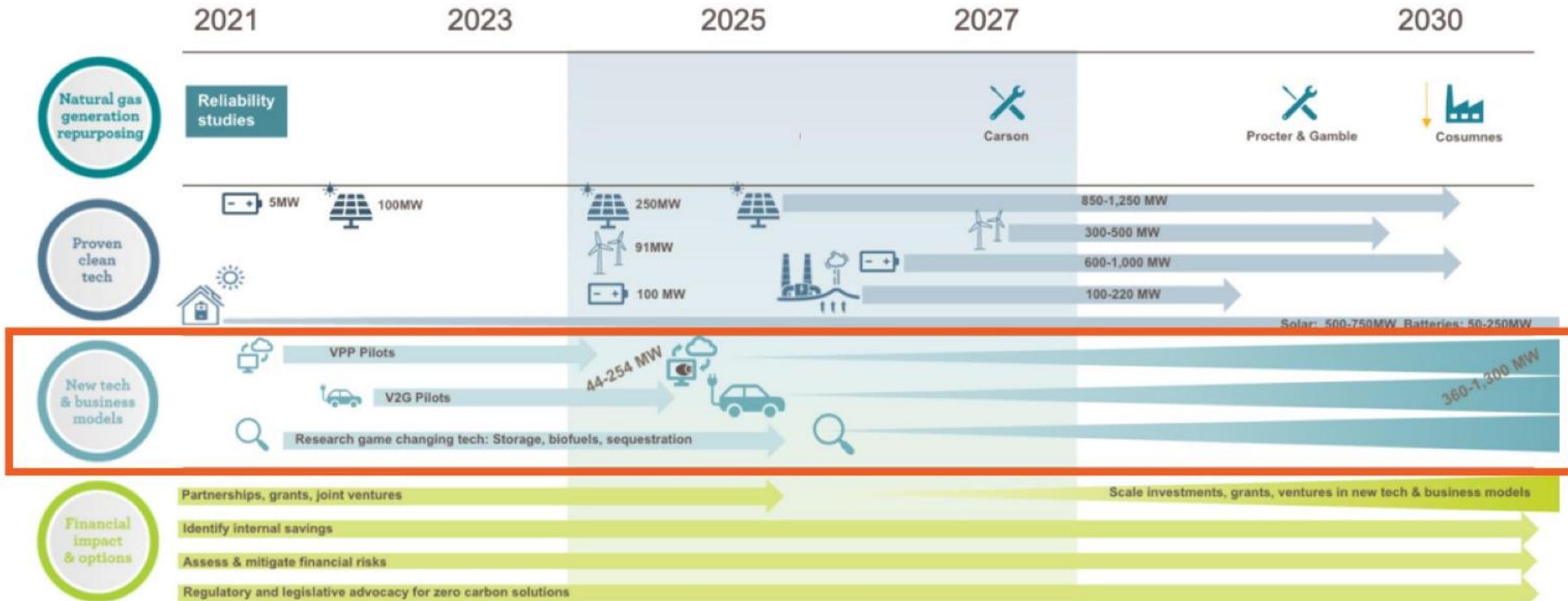
~2,300 Employees



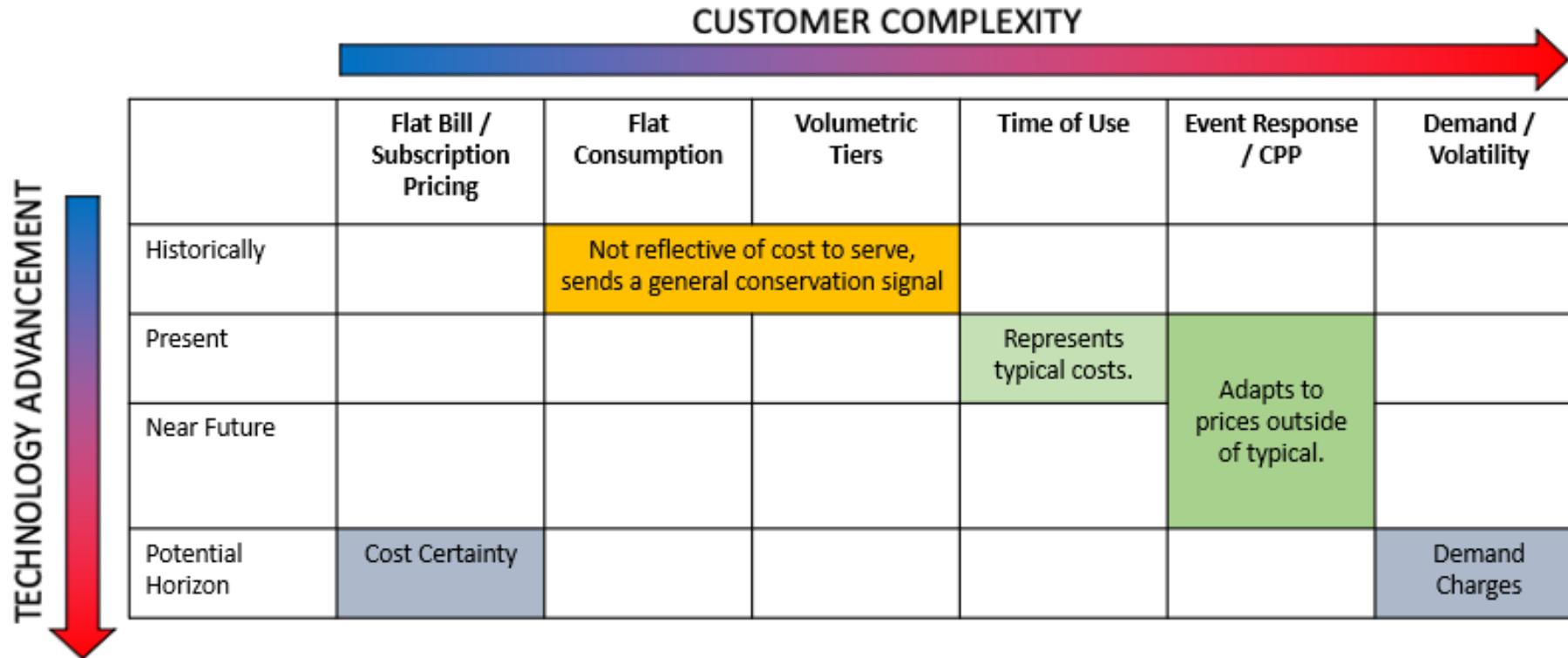
7 member Elected Board of Directors

Rates among the lowest in CA. On average **49%** lower than PG&E

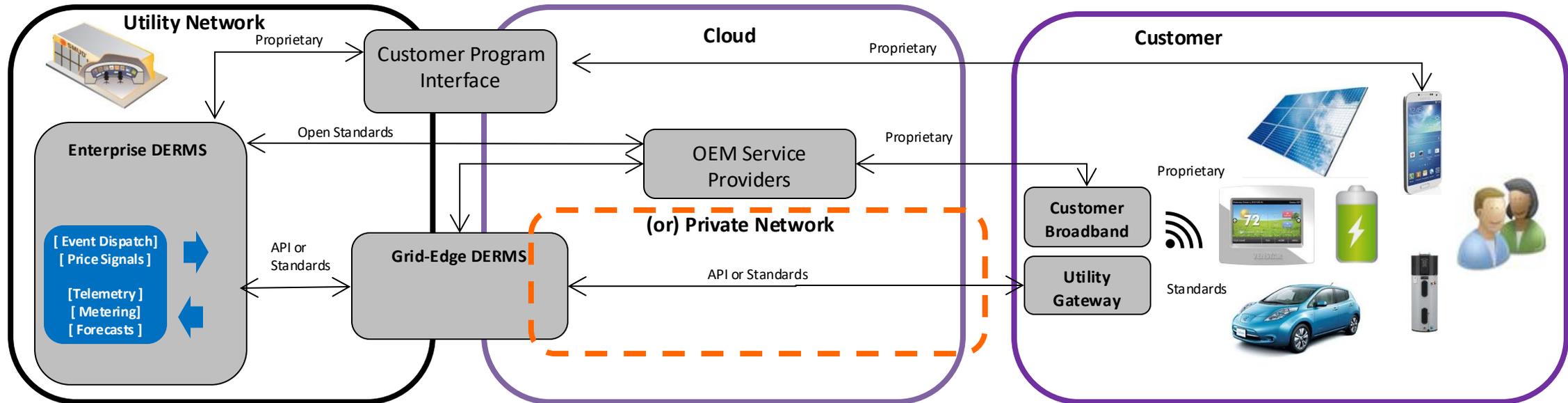
SMUD 2023 Zero Carbon Plan



Evolution of Rates and Technology



Exploring Pathways to Connect Many Customer DER



Possible futures (The MultiDERSe)

Building our systems with some flexibility as we observe industry trends



DER control-based dispatch – Aggregators contracted to deliver specific grid services



DER price-based dispatch – broadcast pricing standard including local and bulk system opportunities, customers subscribe to common dispatch broadcast



DER auction layered with bulk system – DER aggregations 'bid' via aggregator partners to support local needs, residual fed to bulk system