

Advanced Clean Trucks

What SDG&E Brings and How to Get Involved



A  Sempra Energy utility®

**DRIVING ELECTRIC
HAS NEVER BEEN EASIER.**

IT'S  N.

San Diego Gas & Electric

Power Your Drive

3,000 Level 2 Charging Ports

Port Electrification

Charging, circuits, load research meters and data loggers

Electrify Local Highways

Level 2 and DC Fast Chargers at four Caltrans Park-and-Rides

Dealership Incentives

EV education and incentives to increase EV sales and enhance the customer experience

Fleet Delivery

Charging for delivery vehicles

Green Shuttle

Dedicated charging infrastructure

Airport Ground Support Equipment

Load research, charging ports, metering equipment, and data loggers

AB 1082 & AB 1083 (pending)

Authorizes IOUs to file proposals to pilot EV charging infrastructure in schools and State parks and beaches



Medium-Duty/Heavy-Duty Program

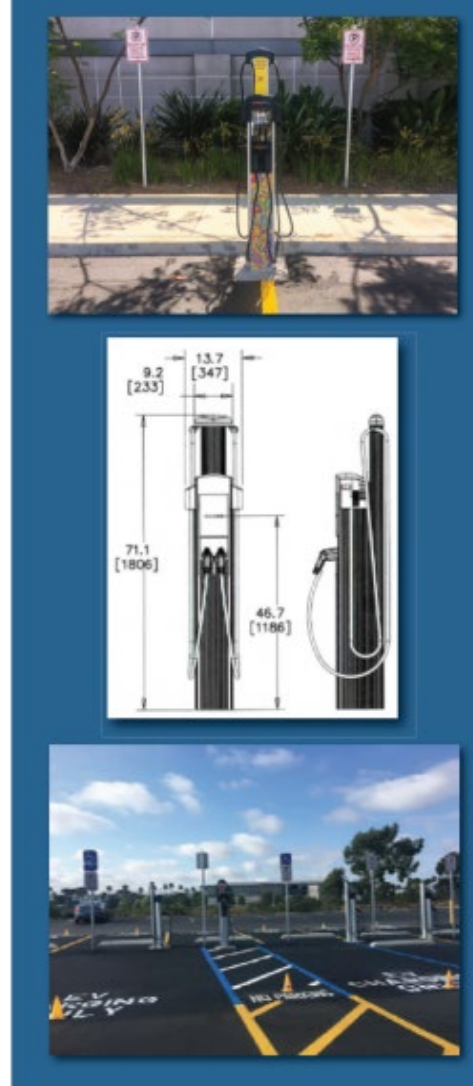
Proposed Program Design

- SDG&E provides infrastructure to support a minimum 3,000 medium-duty/heavy-duty vehicles
- California Public Utilities Commission proposed decision possible by 1st quarter of 2019 → SDG&E implementation could happen by 2nd half of 2019
- SDG&E will introduce a new rate designed for non-residential EV use!
- Five year enrollment and implementation period if approved



Utilities and Utility Programs Bring a Comprehensive Service

Not just an infrastructure subsidy



Circuit Type	Count
Residential (R)	196
Mixed(M)	451
Commercial & Industrial (C&I)	213

Circuit Type is classified as Residential, Mixed, or Commercial & Industrial if 70% of the total consumption on that circuit is from that class.

Summer Week Day Peak Hour	Count
11:00-14:59	203
15:00-19:59	185
18:00-18:59	168
20:00-21:59	298

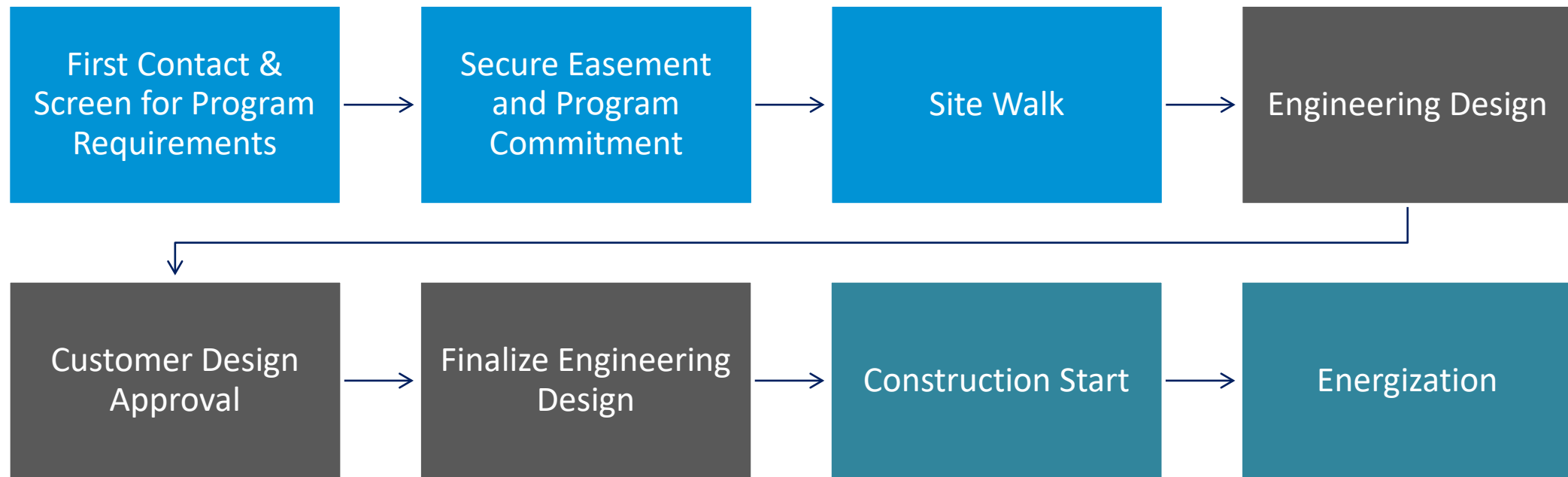
*6 Circuits (0.7% of population) with summer weekday peak hours between 22:00 and 10:59 are not included.

Load Factor	Count
(H) High = >46.0%	443
(L) Low = <45.99%	417

(Average Hourly kWh / Peak kW)



Example Customer Journey



How to Best Get Involved

Vehicle Owners

- Communicate early
- Scope your needs and plans
 - How many vehicles? What timeframe?
 - Where do you want them parked? Are you flexible?
 - What questions and unknowns do you have?

EVSE OEMs, EV OEMs, and others

- Reach out!

Q&A



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