

# Program Advisory Council

Priority Review Projects Update

December 16, 2019



A  Sempra Energy utility®

A photograph taken from the driver's perspective inside a car, looking out over a long, straight asphalt road that stretches into the distance. The road has a yellow dashed center line and white edge lines. The surrounding landscape is a mix of dry, grassy hills and green fields under a blue sky with scattered white clouds. The car's side mirror and part of the dashboard are visible in the foreground, reflecting the sky and clouds.

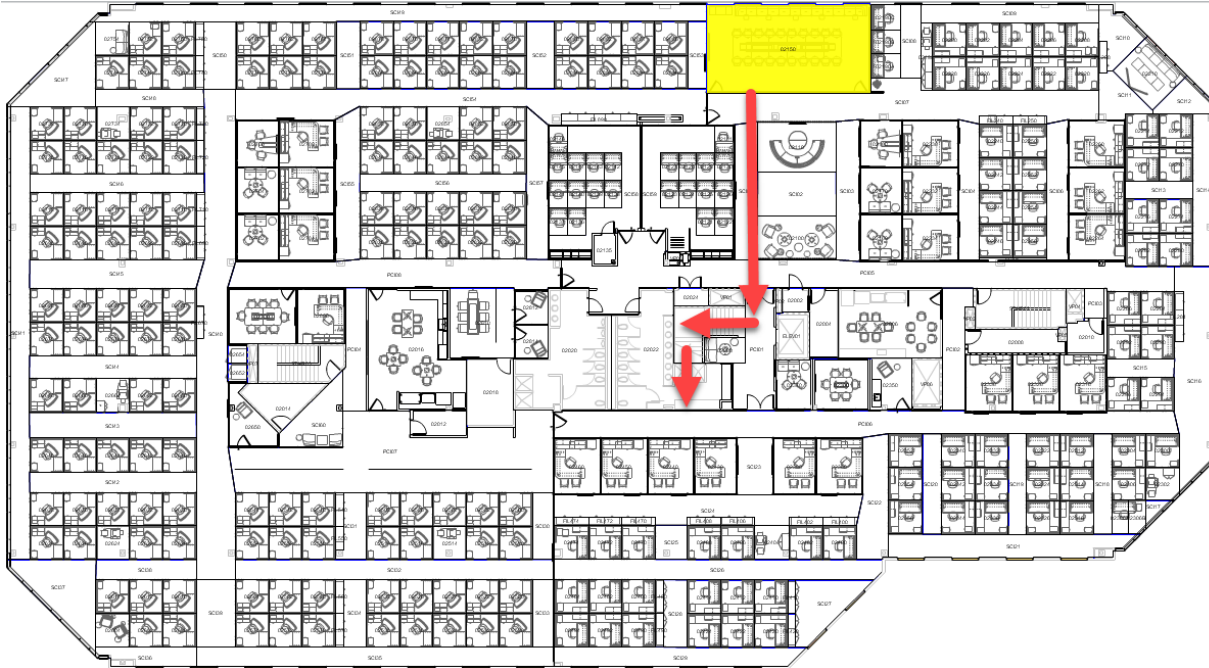
**Driving electric  
has never been easier.**



IT'S ON.

# Safety Message

Guests in the conference room will be evacuated to the Assembly Area across the street. The red arrows are the fastest way out of the building.



## Agenda

### Priority Review Projects

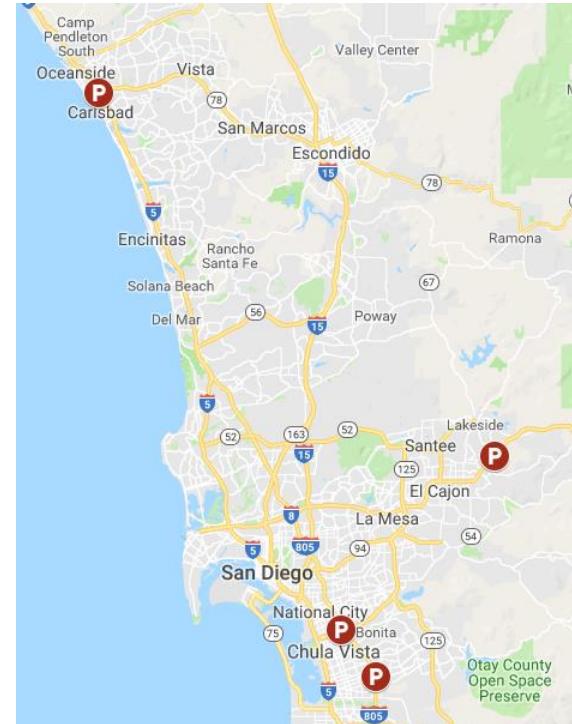
1. Electrify Local Highways
2. Fleet Delivery
3. Green Shuttles
4. Airport Ground Support Equipment
5. Port Electrification
6. Dealership Incentives

## Future PAC Meetings

- PRP Program Advisory Council meetings are quarterly
  - All other SDG&E EV Program PAC meetings are semi-annual
- Beginning next quarter, we will begin combining the PRP PAC meetings with other programs
- Next expected PRP PAC meeting will be near the end of Q1 2020

# Electrify Local Highways

- **Program Design:**
  - 4 Park and Ride locations: National City, El Cajon, Chula Vista and Oceanside
  - 20 L2 & 2 DCFC per location
  - Program Budget: \$4M
- **Updates:**
  - Construction has begun at all 4 locations
  - Financials: \$1.7M (direct costs as of 9/30/2019)
- **Next Steps:**
  - Complete commissioning at all 4 locations by January 2020
  - Monitor utilization closely for SDG&E's first public stations



# Fleet Delivery



- **Program Design:**

- Support approximately 90 all-electric delivery vehicles
  - Level 2 chargers
- Program Budget: \$3.7M

- **Updates:**

- **UPS:** 63 L2 chargers at 3 sites
  - Chula Vista, San Marcos, and San Diego have been commissioned and in service since October 2019
  - Vehicles expected to be delivered in Q2 2020
- **Amazon:** 16 L2 chargers at 1 site
  - Site in service since August 2019
  - Vehicles delivered in September
- **Financials:** \$1.3M (direct costs as of 9/30/2019)



# Green Shuttle

- **Program Design:**

- Up to 5 locations for shuttles operating on a fixed route
- Optional solar array & storage at one site
- Public charging option
- Program budget: \$3.16M

- **Updates:**

- **San Diego Airport Parking:** Construction completed and in service November 2019
  - First Public GIR rate implementation
- **Aladdin Airport Parking:** Construction began November 2019; Expected to be in service December 2019
- **Illumina (Formerly called workplace shuttle):** Contract signed Q3 2019; Design finalized December 2019; Permits received and construction expected by January 2020; Construction complete by end of Q1 2020
- Will not move forward with Battery Storage/Solar Array
- **Financials:** \$0.7M (direct costs as of 9/30/2019)

# Airport Ground Support Equipment

- **Program Design Phase 1:**

- Retrofit 16 ports in Terminal 2
- Complete load management plan
  - Airport GSE Survey
  - Alignment with onsite solar generation

- **Phase 2:**

- Collect data from Phase 1 installations for a 6-month period
- Submit Tier 2 Advice Letter

- **Total Program Budget:** \$2.8M

- **Phase 1 Updates:**

- Site in service November 2019
- Financials: \$0.6M (direct costs as of 9/30/2019)

- **Next Steps:**

- Load management plan
- Explore Phase 2 potential participants
- Determine scope of Phase 2





## Port Electrification

- **Program Design:**

- 30-40 installations to support medium-duty/heavy-duty and electric forklifts within Port Tideland
- Program Budget: \$2.4M

- **Updates:**



- **Port of San Diego Cruise Ship Terminal** construction complete for 9 electric forklifts; site in service March 4, 2019
- **Pasha** construction complete for 3 trucks; site in service on March 4, 2019
- Will not move forward with **Dole**; MD/HD candidate
- **Four Seasons Fresh** site for 1 truck – unlikely to move forward
- **Financials:** \$0.8M (direct costs as of 9/30/2019)



# Dealership Incentives



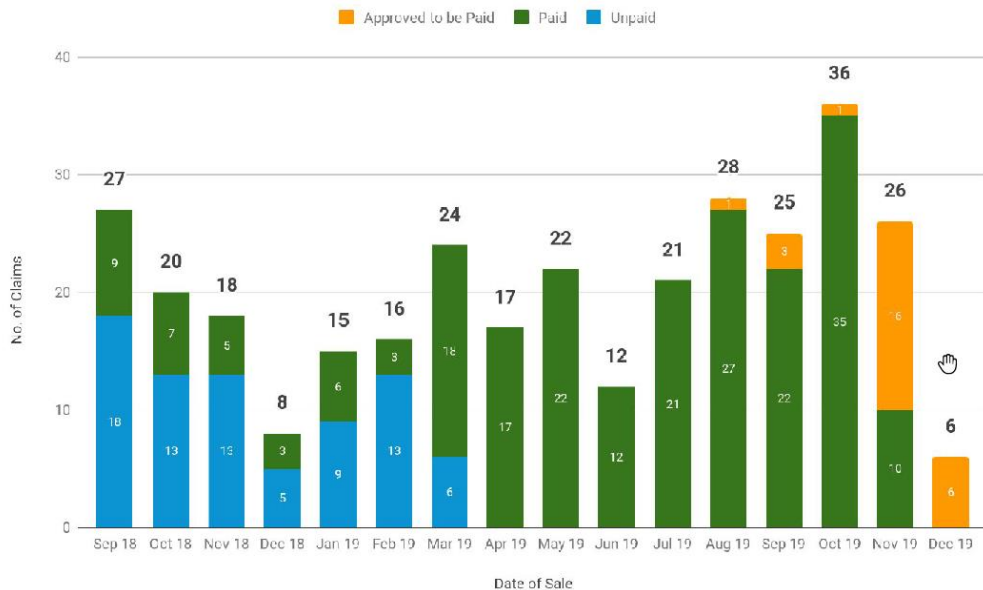
- **Program Design:**

- Provide EV training, sales tactics, and cash incentives to local car dealerships and their salespeople to increase EV adoption
- SDG&E will provide 1,500 incentives - \$250 to salesperson and \$250 to dealership – for sale of EVs to customers who enroll in an EV rate
- Program Budget: \$1.8M

- **Updates:**

- 65 salespeople across 15 dealerships participating in the program for sales through December 31, 2019
  - Claims will be accepted through end of January 2020
  - Closeout of program and final reporting to take place through Q1 2020
- 9 Ride and Drives completed: American Lung Association walk, Illumina, UCSD Global Summit, Port of San Diego, Kyocera, San Diego County Fair, Auto Heritage Day, General Atomics (private) and City of Chula Vista (public)
- Dealership competition launched in June 2019 among 15 participating dealerships; will run through end of year

# Dealership Incentives Claims



- **Total Number of claims received: 321**
  - **Trained staff claims: 206**
  - **Untrained staff claims: 115**
- **Claims in review/in process/pending TOU: 104**
- **Total Incentive Budget: \$750,000**
  - **Incentive Spent: \$74,250**
  - **Remaining Budget: \$675,750**
  - **Percentage Spent: 9.9%**