

Committed to Progress

Leading the way in clean transportation



Program Advisory Council Meeting
May 16, 2018

Agenda

1. Safety
2. Introductions
3. Assembly Bill 1082 & 1083 Update
4. Program Updates
 - Sourcing Update
 - Electrify Local Highways
 - Fleet Delivery Services
 - Airport Ground Support Equipment (GSE)
 - Green Shuttle
 - Port Electrification
 - Dealership Incentives
5. Roundtable

Safety Message



Introductions

Natasha
Contreras

- Port Electrification
- Dealership Incentives

Praem Kodiath

- Electrify Local Highways

Hannon Rasool

- Fleet Delivery

Devon Rimer

- Green Shuttle
- Airport

Steve Schooff

- AB 1082 & 1083



Assembly Bill 1082 & 1083 Update

AB 1082 and AB 1083 Overview



- AB 1082 / 1083 authorizes the IOUs to file proposals to pilot charging infrastructure in schools and State parks and beaches

AB 1082: Schools / Educational Institutions

- School can establish guidelines for use of the charging stations
- School authorized to require users to pay electricity costs
- Proposal may include parameters for installation of charging structures for school buses

AB 1083: State Parks / Beaches

- California State Department of Parks and Recreation shall determine which parks and beaches are suitable for charging
- Parks shall not be required to incur any costs or liability related to the charging stations for the pilot's duration

- **Prioritize disadvantaged communities**
- **Propose reasonable mechanism for cost recovery**
- **Each pilot budget not to exceed \$10M**
- **Pilot duration not to exceed 2 years**
- **Filing Timing: By July 30, 2018**

Program design for AB 1082

- SDG&E is designing the AB 1082 application for K-12 and higher education campuses
- Program details:
 - **Number of Sites:** ~20-30
 - **Equipment:** Mix of Level 2 and DC Fast Chargers
 - **Participant Type:** Public, staff, students
 - **Rates:** Existing EV-TOU
 - **Total Direct Cost:** Less than \$10M



Program design for AB 1083

- SDG&E is designing the AB 1083 application for 12 California State Parks and Beaches *and* selected City/County Parks to enable EV charging access for the public and State employees
- Program Details:
 - **Number of Sites:** ~12 State Parks & Beaches; ~10 City/County Parks
 - **Equipment:** Mix of Level 2 and DC Fast Chargers
 - **Participant Type:** Public, employees, and fleet
 - **Rates:** Existing EV-TOU
 - **Total Direct Cost:** Less than \$10M





Program Updates

Sourcing Update

Equipment

- 2 Equipment RFPS:
 - Port/Airport/Fleet Equipment
 - Highway/Shuttle Equipment
- RFPs were released on 3/22 and due 4/11
- Selection is under way

Design and Installation

- Leverage existing PYD sourced MSAs
 - RFPs for EV design and installation were performed in 2017

Next Steps

- RFP for Solar/Battery Storage for Green Shuttles

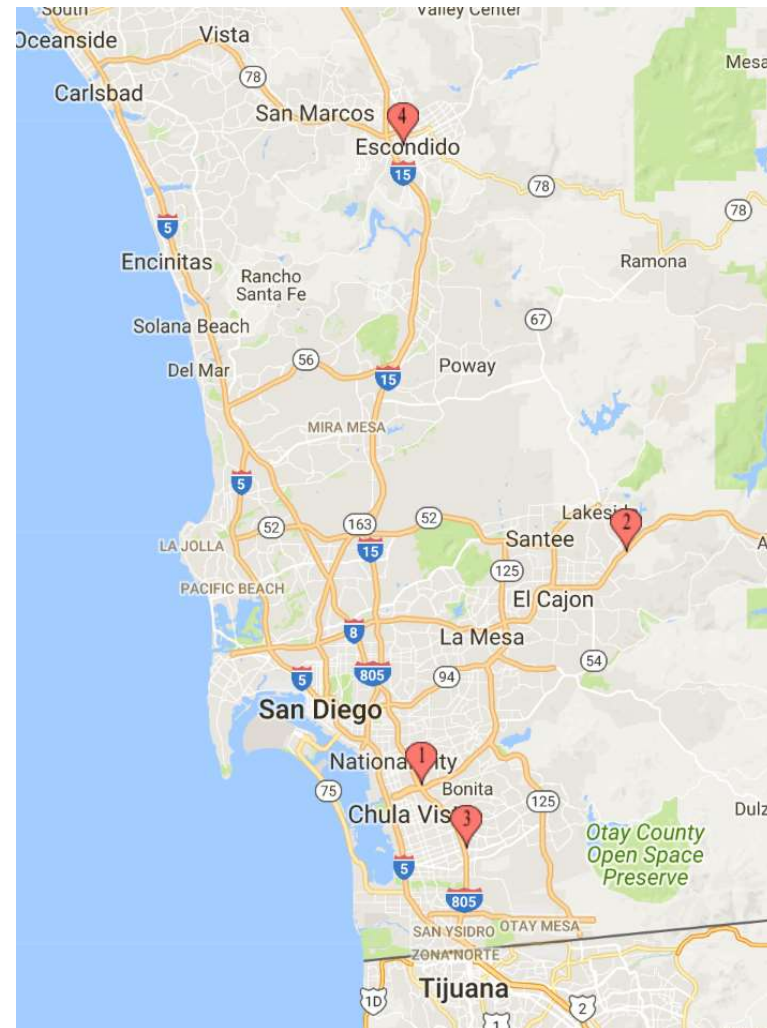
Electrify Local Highways

Program Status

- All Park and Ride Locations have been confirmed:
 - El Cajon
 - National City
 - Chula Vista
 - Escondido
- Engineering design underway

Rate

- SDG&E plans to submit a Tier II Advice Letter to modify rate schedule EV-TOU



Fleet Delivery



Subscription Status

- 90 chargers allocated to UPS and Amazon's delivery service providers (DSPs)
- Funding may remain for additional deployments
 - SDG&E is encouraging locally-owned, minority-owned or woman-owned delivery fleets to contact us if interested

UPS and Amazon Status

- Currently negotiating legal agreements
- Site walks in progress

Green Shuttles

Subscriptions

- Challenge with project subscriptions
 - Timing of capital investment cycle
- Currently reviewing site host contracts with three (3) potential participants
 - One participant is considering opening their site to other drivers (i.e. taxi, rideshares, etc.)
- Current participant requirements indicate need for multiple DCFC and no L2 chargers

Rate

- SDG&E plans to submit a Tier II Advice Letter to implement the Public Grid Integrated Rate (GIR)

Airport Phase 1

San Diego International Airport (SDIA)

- Contract negotiation in progress
- Design process under way

Load Management Plan

- Working with airlines and SDIA to collect existing infrastructure charging data
- Understanding SDIA solar usage



Port Electrification

Subscriptions

- Reviewing site host contracts with seven (7) potential project participants
 - Interested candidates should contact SDG&E
- Projects include a variety of vehicle types – MD/HD and electric forklifts



Program Stakeholders

- Working with San Diego Unified Port District and San Diego Port Tenants Association to support Port Tenant participants

Dealership Incentives

Vendor Selection

- SDG&E posted RFI and RFP for program management and execution services
- Four (4) bidders submitted proposals
- Vendor awarded and in contract negotiations

Next Steps

- Onboard vendor and conduct kickoff meeting
- Training development and outreach
- Competition launch for participating dealerships



Roundtable and Questions