Meeting Notice and Agenda

Regional Energy Working Group
The Regional Energy Working Group may take action on any item appearing on this agenda.

Thursday, May 23, 2019
11:30 a.m. to 1 p.m.
SANDAG, 7th Floor Conference Room
401 B Street
San Diego, CA 92101

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Agenda Highlights

- San Diego Forward: The 2021 Regional Plan
- Regional Electric Vehicle Charging Program Partnership Opportunity
- Regional Climate Action Planning Framework Activities

Please silence all electronic devices during the meeting

Mission Statement
The 18 cities and county government are SANDAG serving as the forum for regional decision-making. SANDAG builds consensus; makes strategic plans; obtains and allocates resources; plans, engineers, and builds public transit; and provides information on a broad range of topics pertinent to the region’s quality of life.
Welcome to SANDAG. Members of the public may speak to the Working Group on any item at the time the Working Group is considering the item. Please complete a Request to Comment form and then present the form to the Working Group coordinator. Members of the public may address the Working Group on any issue under the agenda item entitled Public Comments/Communications/Member Comments. Public speakers are limited to three minutes or less per person. The Working Group may take action on any item appearing on the agenda.

Both agenda and non-agenda comments should be sent to SANDAG via comment@sandag.org. Please include the Working Group name and meeting date, agenda item, your name, and your organization. Any comments, handouts, presentations, or other materials from the public intended for distribution at the meeting should be received by the Working Group coordinator no later than 5 p.m. two working days prior to the meeting. All public comments and materials received by the deadline become part of the official public record and will be provided to the members for their review at the meeting.

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<th>Item No.</th>
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<td>Welcome and Introductions</td>
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| +2.     | Approve    | Approval of Meeting Minutes  

The Regional Energy Working Group (EWG) is asked to review and approve the minutes from its March 28, 2019, meeting.

| 3.      |            | Public Comments/Communications/Member Comments  

Members of the public shall have the opportunity to address the EWG on any issue within the jurisdiction of SANDAG that is not on this agenda. Anyone desiring to speak shall reserve time by completing a Request to Comment form and giving it to the meeting coordinator prior to speaking. Public speakers should notify the meeting coordinator if they have a handout for distribution to EWG members. Public speakers are limited to three minutes or less per person. EWG members also may provide information and announcements under this agenda item.

**Consent**

| 4.      | Information| San Diego Regional Electric Vehicle Rebate Statistics  

SANDAG has committed to provide the Regional Energy Working Group with monthly updates on regional and statewide statistics. The Clean Vehicle Rebate Program (CVRP) and the San Diego County New Car Dealers Association are two data resources.

The CVRP provides updated statistics at regular processing intervals at: cleanvehiclerebate.org. There are no updates available currently.

The San Diego County New Car Dealers Association publishes the San Diego Auto Outlook quarterly and is available at ncda.com/auto-outlook.

**Reports**

| +5.     | Information| San Diego Forward: The 2021 Regional Plan (Muggs Stoll)  

In February 2019, the SANDAG Board of Directors unanimously approved an action plan to develop a bigger and bolder transportation vision for San Diego Forward: The 2021 Regional Plan (2021 Regional Plan) that will transform the way people and goods move throughout the San Diego region. As the first major step in this process, staff introduced the key strategies, known as 5 Big Moves, that will be used to identify transportation solutions for critical connections throughout the region. The SANDAG Land Use and Transportation Planning Department Director, Muggs Stoll, will present the 5 Big Moves. Feedback over the coming months, along with input from stakeholders and the public, will continue to inform the 2021 Regional Plan visionary framework. To learn more, visit SDForward.com/5BigMoves.
+6. **Regional Electric Vehicle Charging Program Partnership Opportunity (Susan Freedman)**  
SANDAG and the County Air Pollution Control District have been collaborating on the Electric Vehicle Charging Program (EVCP), set to begin in mid-2020. Staff will present an update on EVCP and a potential opportunity to partner with the California Energy Commission on a larger regional program utilizing state and local funds.

Staff will present an update on Regional Climate Action Planning Framework (ReCAP) activities, including preparation of ReCAP Snapshots for member agencies. The Snapshots are meant to assist jurisdictions with monitoring greenhouse gas emissions and climate action planning implementation over time.

+8. **2019 SANDAG Legislative Program (Anna Lowe)**  
The SANDAG Legislative Program is approved annually by the Board of Directors. Bills and legislation that may be of interest to the EWG will be provided throughout the year. The EWG is asked to review the bills and share legislation that would support implementation of the Regional Energy Strategy and other SANDAG priorities as described in the 2019 Legislative Program.

9. **Upcoming Meetings**  
The next EWG meeting is scheduled for Thursday, June 27, 2019, at 11:30 a.m.

10. **Adjournment**  

+ next to an item indicates an attachment
March 28, 2019, Meeting Minutes

Vice Chair Scott Anders (Energy Policy Initiatives Center, University of San Diego School of Law) called the meeting of the Regional Energy Working Group (EWG) to order at 11:36 a.m. After introductions, Vice Chair Anders formally introduced the new EWG Chair, Councilmember Cori Schumacher (City of Carlsbad), who gave a brief welcome and personal introduction.

1. Welcome and Introductions

Self-introductions were made.

2. Approval of Meeting Minutes (Approve)

Action: Upon a motion by Councilmember Amanda Rigby (City of Vista) and a second by Renee Yarmy (Port of San Diego), the EWG approved the minutes from its January 24, 2019, meeting.

Yes: Vice Chair Anders, Kinshuk Chatterjee (Center for Sustainable Energy), Heather Werner (City of San Diego), Brendan Reed (San Diego County Regional Airport Authority), Fernando Valero (San Diego Gas & Electric), Sophie Barnhorst (San Diego Regional Chamber of Commerce), Krista Davidson (Sierra Club), and Michelle Perez (University of California, San Diego). No: None. Abstain: Chair Schumacher.

Absent: South County Subregion, East County Subregion, Environmental/Social Justice, Economic Development, Transportation Fuels, and Public Transit Operators.

3. Public Comments/Communications/Member Comments

John Wotzka, a member of the public, submitted written comments and spoke about energy- and climate-related news.

Consent

4. San Diego Regional Electric Vehicle Rebate Statistics (Information)

SANDAG has committed to providing the EWG with monthly updates on regional and statewide Clean Vehicle Rebate Program (CVRP) statistics. With a record number of rebate applications, the CVRP is still processing these applications and will provide updates at cleanvehiclerebate.org/eng/rebate-statistics. The San Diego County New Car Dealers Association published the San Diego Auto Outlook quarterly, which includes an update on the EV market in the San Diego region. The 2018 fourth-quarterly report is available at ncda.com/auto-outlook.

Action: This item was presented for information.

Reports

5. SANDAG Roadmap Program: Innovative Approaches to Energy Efficiency and Resiliency for the City of Carlsbad (Information)

Anna Lowe, Associate Regional Planner, provided a brief background on the SANDAG Roadmap Program and shared some of the City of Carlsbad efforts. Mike Grimm (City of Carlsbad) presented the City’s interest in preparing an Integrated Demand Side Management-Focused Microgrid Feasibility Study for Carlsbad’s Public Safety and Service Center Complex, and Ramon Yll-Prous (TRC Solutions) provided a technical overview of the feasibility study. This feasibility study was prepared through the SANDAG Roadmap Program.

Action: This item was presented for information.
6. Port of San Diego Resiliency in Terminal Operations Microgrid Project (Information)

Ms. Yarmy presented an overview of the Port of San Diego’s Climate Action Plan, the Microgrid Project, and its timeline.

**Action:** This item was presented for information.

7. 2019 SANDAG Legislative Program (Information)

Ms. Lowe presented the 2019 SANDAG Legislative Program. The EWG is asked to review bills and share legislation that would support implementation of the Regional Energy Strategy and other SANDAG priorities.

**Action:** This item was presented for information.

8. Upcoming Meetings (Information)

The next EWG meeting is scheduled for Thursday, April 25, 2019, at 11:30 a.m.

9. Adjournment

Chair Schumacher adjourned the meeting at 1 p.m.
## Confirmed Attendance at SANDAG Regional Energy Working Group Meeting

March 28, 2019

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Convenience, reliability, travel time, comfort, accessibility, and cost are major factors people consider when deciding how to get around our region.

While transit boardings have increased in recent years, peak period freeway delay has increased at an even greater pace. The region’s population is anticipated to reach four million by 2050, which will lead to new challenges in maintaining an efficient, equitable, sustainable, and accessible transportation system. Our approach needs to evolve.

SANDAG is developing a bold new vision for San Diego Forward: The 2021 Regional Plan with the goal of transforming the way people and goods move throughout the San Diego region.

Built on the significant public input received so far, this new vision for the future will:

- Create a compelling alternative to driving
- Connect communities to major destinations and jobs
- Meet or exceed local, regional, and state climate targets
- Support the wide range of travel needs for all San Diegans
- Support housing and job growth
- Stimulate our regional economy
Transportation technology is evolving and changing how we travel daily. Embracing these innovations, the 5 Big Moves will enhance connectivity, increase sustainability, and improve quality of life. The 2021 Regional Plan will synchronize the 5 Big Moves to deliver a fully integrated, world class transportation system.

**COMPLETE CORRIDORS**
- The backbone of a complete transportation system that leverages technology, pricing, and connectivity to repurpose how both highways and local roads are used.
- Complete Corridors increase safety, capacity, and efficiency; provide dedicated space for high-speed transit and other pooled services; manage demand in real-time; and maximize use of existing roadways. Local roads are designed and operated to equally accommodate all users, including transit, bikes, and pedestrians.

**TRANSIT LEAP**
- A complete network of high-capacity, high-speed, and high-frequency transit services that incorporates new transit modes and improves existing services.
- These routes will connect travelers to their homes, jobs, and other major destinations as fast or faster than driving.

**MOBILITY HUBS**
- Places of connectivity where a variety of travel options converge to deliver a seamless travel experience.
- Mobility Hubs are aligned with the Transit Leap and offer numerous shared mobility services, enhanced bike and pedestrian infrastructure, and supporting amenities that work for every traveler and trip, all in the heart of the communities where people live, work, and play.

**FLEXIBLE FLEETS**
- On-demand, shared, electric vehicles that connect to transit and travel between Mobility Hubs along the network of Complete Corridors.
- Diverse vehicles — including micromobility, like bikes and scooters, microtransit, and rideshare — provide personalized solutions for different types of trips and environments. In the future, driverless vehicle fleets will communicate to each other and surrounding infrastructure to make safe and timely connections.

**NEXT OS**
- The “brain” of the transportation system.
- An integrated platform that will make all of the strategies work together by connecting users, transportation service providers, and infrastructure to orchestrate more efficient movement of people and goods. This holistic approach enables real-time data exchange for seamless multimodal travel, more accessible and cost-effective travel with a single payment and ticket, and dynamic pricing and incentives to balance network performance. This regional system manages supply and demand, drives system-wide optimization, and facilitates increased use of existing transportation systems to achieve desired goals around climate, environment, safety, and mobility.
In 2018, thousands of San Diego County residents provided input on the development of the Regional Plan. This input, supported by data on where people live and work, helped to identify some initial key areas for transportation improvements. The 5 Big Moves will help make these critical connections throughout our region.

NEXT STEPS

An outline of projects, programs, and policies that could be included in the 2021 Regional Plan will be developed during an ongoing process throughout 2019, and then made available for review and comment in late 2019.

Sign up to receive email updates about when you can provide input and learn about upcoming webinars and discussion groups at SDForward.com/subscribe.
Regional Energy Working Group

May 23, 2019

Regional Electric Vehicle Charging Program Partnership Opportunity

Introduction
At its November 8, 2018, meeting, the Energy Working Group (EWG) discussed progress on the SANDAG Regional Electric Vehicle (EV) Charging Program (EVCP), including potential partnership opportunities with the San Diego County Air Pollution Control District (APCD) and California Energy Commission (CEC), through its California Electric Vehicle Infrastructure Project (CALeVIP). Staff will present an update on the EVCP and steps underway to bring state funding and tools to this regional program when it begins in mid-2020.

Discussion

Key Considerations
San Diego Forward: The Regional Plan (Regional Plan), approved by the Board of Directors in October 2015, commits SANDAG to establishing an incentive program for public EV chargers to begin in 2020. The program would provide rebates to offset the purchase and installation costs for public and workplace Level 2 EV chargers. A budget of approximately $1 million per year on average is planned by SANDAG from 2020–2050.

Similarly, the County of San Diego adopted a Climate Action Plan (CAP) in 2018 that included actions to increase the number of Level 2 EV chargers in the unincorporated areas of San Diego County and, in conjunction with the APCD, is developing a regional incentive program to begin in 2020. SANDAG and APCD have been working together on the EVCP to coordinate regional initiatives. A budget of approximately $500,000 per year is planned by APCD from 2020–2030, unless CAP targets are met sooner.

The CEC established CALeVIP as a rebate program offered on a region-by-region basis with the Center for Sustainable Energy (CSE) as its program implementer. CALeVIP works with local partners to develop and implement EV charger incentive projects and provides a streamlined process to fill the significant gaps in charging availability. CALeVIP could fund both Level 2 and DC fast chargers for the San Diego region if the CEC selects San Diego as one of its regional projects. A one-time budget allocation of approximately $10 million–$23 million is being considered for the San Diego region.

The CEC is developing its list of regions to consider for CALeVIP in 2020 and requested letters of intent from regional entities that could co-fund a project. On March 26, the SANDAG Executive Director submitted a letter outlining the Regional Plan commitments and existing EVCP progress, as shown in Attachment 1. Attachment 2 is a non-binding draft resolution which seeks to demonstrate to the CEC SANDAG’s strong commitment to a unified regional incentive program for EV charging stations and could make the San Diego region more competitive during the CEC’s selection process. The APCD submitted a similar letter of intent as shown in Attachment 3.

These programs are complementary to San Diego Gas & Electric’s EV charging programs. SANDAG is coordinating with the utility and other stakeholders on the new vision for the San Diego Forward: The 2021 Regional Plan that strives to transform the way people and goods move throughout the San Diego region, including a shift to zero emission vehicles like EVs.
If the CEC, SANDAG, and APCD are able to partner on CALeVIP, it would provide significant cost savings to SANDAG for program administration and project implementation while providing future applicants and industry participants with a known, effective rebate program and online platform.

Next Steps

The SANDAG Board of Directors will consider a non-binding Board Resolution at its May 24 meeting. If adopted, SANDAG will provide the Resolution to the lead CEC Commissioner on transportation. This summer, the CEC is expected to announce regional CALeVIP projects they intend to fund in 2020. If selected, SANDAG will work in partnership with APCD, CEC, and CSE to develop a San Diego regional CALeVIP project; hold a joint public workshop this August or September; and prepare scopes of work and agreements amongst the parties for future Board consideration. If not selected, SANDAG and APCD will proceed jointly with developing a more limited regional program. At the July EWG meeting, staff will seek input on potential EVCP design criteria that would be applicable to either program option.

Key Staff Contact: Susan Freedman, (619) 699-7387, susan.freedman@sandag.org

Attachments:
1. Letter of Intent from SANDAG to CEC, March 26, 2019
2. Proposed Resolution No. 2019-17
3. Letter of Intent from APCD to CEC, March 26, 2019
March 26, 2019

Ms. Janae Scott
Vice Chair Commissioner
California Energy Commission
1516 Ninth Street, Mail Station 35
Sacramento, CA 95814

Dear Vice Chair Commissioner Scott:

Subject: San Diego Regional Partnership on California Electric Vehicle Infrastructure Project for 2020

The San Diego Association of Governments (SANDAG) is pleased to submit this Letter of Intent to work in good faith with the California Energy Commission (CEC), the Center for Sustainable Energy (CSE) as the CAleVIP implementer, and San Diego County Air Pollution Control District (APCD) in 2019 and 2020 to develop the framework for and fund a regional electric vehicle (EV) infrastructure incentive project for San Diego County under the CAleVIP Program. Specifically, SANDAG staff will collaborate with the CEC, CSE, and APCD to develop an agreement by the end of this year that would contain the specifics of the SANDAG funding commitment, timing, and purpose of this funding, and the roles and responsibilities of all parties involved.

In furtherance of this effort, staff plans to present a resolution for action by the SANDAG Board of Directors in the coming months that would:

- Direct SANDAG staff to collaborate with CEC, CSE, and APCD on an agreement to jointly develop and fund the San Diego Regional CAleVIP, with the goal of finalizing the agreement by the end of 2019.

- Define the roles and responsibilities of each of the parties involved (SANDAG, CSE, CEC, and APCD), including funding commitments of all parties and program start date (anticipated July 2020) and duration.

- Confirm the SANDAG funding commitment, which is anticipated to be at least $1 million per year beginning July 2020.
  - The SANDAG Regional Transportation Plan and Sustainable Communities Strategy includes a $30 million investment to develop an incentive program for public EV chargers by 2020. As this represents a 30-year investment in EV charging infrastructure, SANDAG expects to continue the regional incentive program after CEC contributions have been expended.

- State that the purpose of SANDAG funding for the first two years is to expand the existing network of public and workplace Level 2 EV chargers in the San Diego region.
Additionally, SANDAG would be pleased to facilitate CALeVIP discussions with appropriate Imperial County representatives, co-host CALeVIP public workshops this summer in the San Diego region, and dedicate staff time to develop the incentive program in 2019.

**San Diego Regional Coordination on Transportation Electrification:**

SANDAG is the Metropolitan Planning Organization and local Council of Governments for San Diego County and is governed by a Board of Directors comprised of mayors, councilmembers, and county supervisors from each of the region's 19 local governments. SANDAG has a long history of working closely with local jurisdictions and stakeholders in support of statewide and regional goals through sustainable transportation projects, programs, and services.

With adoption of the 2015 Regional Plan, the SANDAG Board of Directors committed its support to building a network of publicly accessible EV charging infrastructure throughout the region. In 2018, SANDAG was awarded a $600,000 Caltrans Senate Bill 1 (Beall, 2017) planning grant to develop the charging incentive program with dedicated staff and consultant support. The grant spans January 2018 through February 2020, and APCD is participating in this project.

Similarly, the County of San Diego adopted a Climate Action Plan in 2018 that included actions to increase the number of EV chargers in the San Diego County unincorporated areas and directed APCD to develop a regional incentive program to begin in 2020. To avoid confusion and program duplication, SANDAG and APCD have been collaborating on a regional program to leverage and maximize funding into a unified program to best serve the region and efficiently achieve program goals. SANDAG and APCD also have been communicating with CEC and CSE staff on the opportunity for a more robust charger program through CALeVIP in 2020.

Through various CEC grants, SANDAG has developed a Regional EV Readiness Plan (2014) and Regional Alternative Fuels Readiness Plan (2016) that provide strategic and technical guidance to the region, informed by advisory groups of local jurisdictions, universities, Caltrans, the Port of San Diego, the San Diego International Airport Authority, San Diego Gas & Electric (SDG&E), and industry leaders. SANDAG manages the Plug-in San Diego project that helps implement the readiness plans through technical assistance and tools. SANDAG also coordinates with SDG&E on its EV infrastructure programs to enhance regional collaboration and development of complimentary programs. To further engage stakeholders, SANDAG addresses EV readiness through our Energy Working Group and other standing committees.

SANDAG is poised to collaborate on this effort, has a proven history of working closely with local, regional, and state agencies and stakeholders to reduce greenhouse gas emissions in support of statewide and regional goals, and looks forward to working with the CEC on this important project.

Sincerely,

HASAN IKHRATA
Executive Director

HIK/SFR/RWA/fwe

cc. Drew Bohan, Executive Director, California Energy Commission, Drew.Bohan@energy.ca.gov
    Brian Fauble, Energy Commission Specialist II, brian.fauble@energy.ca.gov
Resolution of the San Diego Association of Governments to collaborate with the California Energy Commission, San Diego County Air Pollution Control District, and Center for Sustainable Energy on the development and implementation of a joint regional incentive program for electric vehicle charging stations through the California Electric Vehicle Infrastructure Project

WHEREAS, the San Diego region is home to over 35,000 plug-in electric vehicles (EVs) and over 1,500 public EV charging stations; and

WHEREAS, the State of California has a goal by 2030 of 5 million PEVs on California roads and by 2025 of 250,000 public charging stations, including 10,000 direct current fast chargers; and

WHEREAS, San Diego Forward: The Regional Plan calls for SANDAG to support expanding the network of publicly accessible EV charging stations throughout the region by establishing a regional incentive program to begin in 2020 and to commit $30 million over the next 30 years toward the program; and

WHEREAS, the first two years of SANDAG funding would focus network expansion efforts on public and workplace Level 2 EV chargers in the region; and

WHEREAS, the 2019 SANDAG Legislative Priorities call out that SANDAG will partner with stakeholders to maximize transportation electrification investments to help advance the region’s mobility and sustainability goals; and

WHEREAS, the County of San Diego adopted a Climate Action Plan in 2018 that included actions to increase the number of Level 2 EV chargers in the unincorporated areas of San Diego County and, in conjunction with the County Air Pollution Control District (APCD), is developing a regional incentive program to begin in 2020.; and

WHEREAS, the California Energy Commission (CEC) established the California Electric Vehicle Infrastructure Project (CALeVIP) as an EV charger rebate program offered on a region-by-region basis, and the Center for Sustainable Energy (CSE) serves as the CALeVIP implementer; and

WHEREAS, CALeVIP works with local partners to develop and implement EV charger incentive projects that meet regional needs for Level 2 and DC fast chargers. The statewide project aims to provide a streamlined process for getting chargers installed to fill the significant gaps in charging availability; and
WHEREAS, SANDAG, APCD, CEC and CSE staff have been exploring ways to jointly partner on a comprehensive regional approach to address needs for Level 2 and DC fast chargers that could leverage and maximize state and regional funding into a unified program to best serve the region and efficiently achieve program goals; and

WHEREAS, SANDAG submitted a Letter of Intent to the CEC on March 26, 2019 to work in good faith to develop the framework for a unified program in the San Diego region to be considered for 2020 CALeVIP program funding and to jointly develop an agreement between the participating agencies defining the roles and responsibilities under such framework; NOW THEREFORE

BE IT RESOLVED that the Board of Directors supports continued collaboration with the CEC, APCD, and CSE on the development and implementation of a unified regional incentive program for electric vehicle charging stations through CALeVIP to best serve the San Diego region.

PASSED AND ADOPTED this 24 of May, 2019.

Attest:

Chair

Secretary

Member Agencies: Cities of Carlsbad, Chula Vista, Coronado, Del Mar, El Cajon, Encinitas, Escondido, Imperial Beach, La Mesa, Lemon Grove, National City, Oceanside, Poway, San Diego, San Marcos, Santee, Solana Beach, Vista, and County of San Diego.

Advisory Members: California Department of Transportation, Metropolitan Transit System, North County Transit District, Imperial County, U.S. Department of Defense, San Diego Unified Port District, San Diego County Water Authority, Southern California Tribal Chairmen’s Association, and Mexico.
March 26, 2019

Ms. Janea Scott, Vice Chair Commissioner
California Energy Commission
1516 Ninth Street, MS-35
Sacramento, CA 95814

Framework for a Regional Partnership to Implement the California Electric Vehicle Infrastructure Project (CALeVIP) in San Diego County

Dear Vice-Chair Commissioner Scott:

The San Diego County Air Pollution Control District (APCD) is pleased to submit this Letter of Intent to work in good faith with the California Energy Commission (CEC), the Center for Sustainable Energy (CSE) as the CALeVIP implementer, and the San Diego Association of Governments (SANDAG) in 2019-2020 to develop a framework and funding agreement for a San Diego region electric vehicle (EV) charging infrastructure incentive program under the CALeVIP program.

The APCD has dedicated resources for this effort and is well positioned to assist with program design and implementation in partnership with the CEC, CSE, and SANDAG. To this end, APCD staff have been collaborating with CALeVIP and SANDAG staff to leverage and maximize funding for a unified program that best serves the region and efficiently achieves program goals.

The funding agreement is envisioned to specify:

- The roles and responsibilities of each partner agency;
- The funding commitments, timing, and purpose;
- Program start date (anticipated July 2020) and duration; and
- The accounting of resulting GHG emission reductions.

The APCD will consider and take action on the resulting funding agreement so that the CEC may rely upon the APCD’s commitment in finalizing a 2020 CALeVIP project roadmap.

Project Abstract:
The CALeVIP offers incentives for the purchase and installation of EV charging infrastructure at publicly accessible sites throughout California. CALeVIP works with local partners to develop and implement EV charger incentive projects that meet regional needs for Level 2 and DC fast chargers. The goal of this project is to develop a regional EV charger incentive project for residents of San Diego County.
Organizational Description:
Air quality management in San Diego County is a shared responsibility among several agencies pursuant to State and federal laws. Locally, the APCD is responsible for regulating stationary or fixed sources of air pollution such as factories, power plants, gasoline stations and other facilities in the county. However, a majority of the air pollutants emitted in the region come from on-road motor vehicles and other mobile sources. The APCD encourages reductions in mobile source emissions through its incentive grant programs. Projects such as EV charging stations that provide or encourage low- or zero-emitting transportation options are key strategies for improving San Diego's air quality.

APCD's Commitment in the County's Climate Action Plan:
As part of the County of San Diego's Climate Action Plan, the APCD committed to assisting the County in developing a program to offer incentives for the purchase and installation of EV charging stations in priority areas of unincorporated San Diego County. This includes installing 100 Level 2 charging stations by 2025 and an additional 1,940 Level 2 charging stations by 2030 in the unincorporated area. The APCD has proposed a commitment of $500,000 per year for the next three years toward this goal, with consideration of possible additional program funding in subsequent years as available and warranted.

We look forward to working with the CEC, CSE, and SANDAG to develop a framework for a regional EV infrastructure incentive project. Please contact Kathleen Keehan with any questions (kathleen.keehan@sdcounty.ca.gov, 858-586-2726).

Sincerely,

ROBERT J. KARD
Air Pollution Control Officer

cc: Drew Bohan, Executive Director, California Energy Commission
    Brian Fauble, California Energy Commission Specialist II, CEC
    Andy Hoskinson, Senior Manager, EV Initiatives, CSE
    Hasan Ikhrata, Executive Director, SANDAG
    Susan Freedman, Senior Regional Energy/Climate Planner, SANDAG
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<thead>
<tr>
<th>Bill Number</th>
<th>Sponsor</th>
<th>Description</th>
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<tbody>
<tr>
<td>AB 56</td>
<td>Garcia, Eduardo D</td>
<td>Electricity: procurement by the California Alternative Energy and Advanced Transportation Financing Authority. Status: 5/8/2019-In committee: Set, first hearing. Referred to APPR. suspense file. Summary: Would authorize the Public Utilities Commission, if it makes certain findings, to authorize the California Alternative Energy and Advanced Transportation Financing Authority to undertake procurement of electricity to meet the state’s climate, clean energy, and reliability goals that are not satisfied by load-serving entities. The bill would authorize the authority to undertake procurement consistent with specified objectives and to manage the resale of electricity for its contracted resources. The bill would provide for the reduction in procurement compliance obligations for load-serving entities for the electricity procured by the authority.</td>
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<td>AB 235</td>
<td>Mayes R</td>
<td>Electrical corporations: recovery of catastrophic wildfire costs and expenses. Status: 5/8/2019-In committee: Set, first hearing. Referred to APPR. suspense file. Summary: Current law authorizes the Public Utilities Commission, in a proceeding on an application by an electrical corporation to recover costs and expenses arising from a catastrophic wildfire occurring on or after January 1, 2019, to allow cost recovery if the costs and expenses are just and reasonable, after consideration of the conduct of the utility. In evaluating the reasonableness of the costs and expenses, the commission is required to consider the conduct of the electrical corporation and relevant information submitted into the commission record, including in 12 specified areas. Notwithstanding the commission’s determination of whether the costs and expenses are just and reasonable as described above, when determining recovery by an electrical corporation for costs and expenses arising from a catastrophic wildfire occurring on or after January 1, 2019, this bill would authorize the commission to consider the electrical corporation’s financial status and determine the maximum amount the corporation can pay without harming ratepayers or materially impacting the electrical corporation’s ability to provide adequate and safe service.</td>
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<tr>
<td>AB 383</td>
<td>Mayes R</td>
<td>Clean Energy Financing Clearinghouse. Status: 4/24/2019-In committee: Set, first hearing. Referred to APPR. suspense file. Summary: Would establish the Clean Energy Financing Clearinghouse, a new office under the direction of the Treasurer, to coordinate all government programs that invest capital in clean energy technologies, as defined, that advance environmental protection goals; make program information clear and accessible for market participants; and partner with capital providers, investors, project developers, technology companies, and other market actors to catalyze more private investment into clean energy technologies that advance environmental protection and environmental justice goals.</td>
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<tr>
<td>AB 745</td>
<td>Petrie-Norris D</td>
<td>Sales and use taxes: exemption: retail hydrogen vehicle fuel. Status: 5/15/2019-In committee: Set, first hearing. Referred to APPR. suspense file. Summary: Would, on and after January 1, 2020, and before January 1, 2024, exempt from sales and use taxes the gross receipts from the sale in this state of, and the storage, use, or other consumption in this state of, retail hydrogen vehicle fuel, as defined.</td>
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<td>AB 747</td>
<td>Levine D</td>
<td>Planning and zoning: general plan: safety element. Status: 5/2/2019-Read third time. Passed. Ordered to the Senate. In Senate. Read first time. To Com. on RLS. for assignment. Summary: Would, upon the next revision of a local hazard mitigation plan on or after January 1, 2020, or beginning on or before January 1, 2021, if a local jurisdiction has not adopted a local hazard mitigation plan, require the safety element to be reviewed and updated as necessary to identify evacuation routes and their capacity, safety, and viability under a range of emergency scenarios. The bill would authorize a city or county that has adopted a local hazard mitigation plan, emergency operations plan, or other document that fulfills commensurate goals and objectives to use that information in the safety element to comply with this requirement by summarizing and incorporating by reference that other plan or document in the safety element.</td>
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<td>Bill No.</td>
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<td>AB 753</td>
<td>Garcia, Eduardo D</td>
<td>Alternative and Renewable Fuel and Vehicle Technology Program: fuels: fueling infrastructure.</td>
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<td>AB 961</td>
<td>Reyes D</td>
<td>Energy programs and projects: nonenergy benefits.</td>
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<td>AB 1046</td>
<td>Ting D</td>
<td>Charge Ahead California Initiative.</td>
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<tr>
<td>AB 1144</td>
<td>Friedman D</td>
<td>Self-generation incentive program: community energy storage systems: high fire threat districts.</td>
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<td>AB 1208</td>
<td>Ting D</td>
<td>Utility user taxes: exemption: clean energy resource.</td>
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<td>AB 1362</td>
<td>O'Donnell D</td>
<td>Electricity: load-serving entities: rate and program information.</td>
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<td>Bill</td>
<td>Author</td>
<td>Description</td>
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<td>SB 45</td>
<td>Allen D</td>
<td>Wildfire, Drought, and Flood Protection Bond Act of 2020.</td>
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<td>SB 182</td>
<td>Jackson D</td>
<td>Local government: planning and zoning: wildfires.</td>
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<tr>
<td>SB 288</td>
<td>Wiener D</td>
<td>Electricity: renewable resource self-generation and storage.</td>
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<tr>
<td>SB 524</td>
<td>Stern D</td>
<td>Energy efficiency programs: workforce requirements.</td>
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<tr>
<td>SB 766</td>
<td>Stern D</td>
<td>Public utilities: weatherization.</td>
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| SB 774 | **(Stern D)** Electricity: microgrids.  
Status: 5/14/2019-Set for hearing May 16.  
Summary: Would require each electrical corporation to collaborate with the Office of Emergency Services, and local governments and other interested parties in its service territory, to identify locations where sources of back-up electricity may provide increased electrical distribution grid resiliency. The bill would authorize electrical corporations to file applications with the commission to invest in, and deploy, microgrids to increase that resiliency, and would prohibit the PUC from approving microgrid applications that use a cost-recovery mechanism that recovers costs from all of an electrical corporation’s ratepayers unless certain requirements are met. |