

California Energy Commission – Tribal Program

State Fiscal Year 2019-2020 Activities and Accomplishments

1. Tribal Government Challenge Energy and Climate Change Planning Grants

<https://www.energy.ca.gov/programs-and-topics/programs/tribal-program/tribal-government-challenge>

The California Energy Commission's Tribal Government Challenge Planning Grant Program, administered by the California Strategic Growth Council, awarded American Recovery and Reinvestment Act funds to eight tribes for projects that aim to identify solutions to reduce greenhouse gas emissions, improve clean energy access, and advance climate resiliency on Tribal lands and in Tribal communities. Grants will be completed in Spring 2022.

2. Tribal Government Challenge Energy and Climate Change Gap Analysis

<https://www.energy.ca.gov/programs-and-topics/programs/tribal-program/tribal-government-challenge>

The Tribal Government Challenge Program also supports a contract to conduct a statewide gap analysis of Tribal lands and Tribal communities. The analysis will provide a snapshot of Tribes' current clean energy, climate change, and other related needs and priorities, and will provide recommendations for the development and enhancement of State programs, funding, technical assistance, and other support to address Tribal needs and priorities. Through a competitive request for proposal process, Prosper Sustainably LLC, was awarded the winning bid as contractor for the Gap Analysis. A workplan has been drafted, an inter-agency introductory letter has been sent to all California Native American Tribes, and a survey instrument is under development. Survey results will be available in Winter 2022.

3. Electric Program Investment Charge (EPIC) Energy Storage Grants

<https://www.energy.ca.gov/solicitations/2020-01/gfo-19-308-assessing-long-duration-energy-storage-deployment-scenarios-meet>

The purpose of this research grant opportunity is to evaluate different scenarios for the deployment of long-duration storage to meet the state's mandates to decarbonize the electricity sector in California by 2045. The objective is to develop a clear understanding of the role that long-duration energy storage (10 hours or greater) can and should play in the future of California's grid and the optimal durations and locations to support a variety of applications. This information will inform the development of policy to enable the deployment of long-duration storage in the state and provide information to manufacturers and the investment community that is necessary to build the market for these systems in the state. A tribal set aside was made available for tribal competition and four tribal proposals were funded. Project completions are expected in Spring 2023.

4. Cal Electric Vehicle Charge Incentive Project (CaleVIP)

<https://www.energy.ca.gov/proceedings/energy-commission-proceedings/block-grant-electric-vehicle-charger-incentive-projects>

In March 2012, Governor Brown issued an Executive Order (B-16-2012) to help accelerate the market for zero-emission vehicles (ZEVs) in California. This Executive Order established milestones needed to achieve 1.5 million ZEVs on California's roadways with access to infrastructure by 2025. In October 2016, a ZEV Action Plan identified new actions state agencies

will take to meet the Governor's Executive Order. In November 2016, the California Energy Commission issued solicitation Grant Funding Opportunity 16-603 to seek a block grant recipient to design and implement up to \$200 million in grant funds through various electric vehicle charger incentive projects throughout California. The Center for Sustainable Energy (CSE) was awarded the agreement. Energy Commission staff works with CSE to identify targeted electric vehicle charging incentive projects by geographical regions and locational requirements. Tribes are eligible to apply. To date, 9 tribes have installed, or are in the process of installing, 18 fast chargers and 116 Level 2 chargers. Additional tribal applications are pending review.

5. Offshore Wind Energy - Tribal Engagement

<https://www.energy.ca.gov/programs-and-topics/topics/renewable-energy/offshore-renewable-energy>

The Bureau of Ocean Energy Management (BOEM)–California Intergovernmental Renewable Energy Task Force is a partnership of state, local, federal agencies, and tribal governments, including the California Energy Commission. It promotes coordination and communication among those entities on potential offshore leases for research or commercial development. A study by the National Renewable Energy Laboratory found that areas off the West Coast and Hawaii have the potential of generating more than 1½ trillion watts of energy. That study also found that offshore wind hourly power characteristics are complementary to solar in California. For California, offshore wind energy facilities would likely be sited in federal waters, which start three miles from shore and out to 200 nautical miles. Wind energy facilities will likely use floating wind platforms, given the depth of the ocean off the Outer Continental Shelf. The Energy Commission tribal program works closely with BOEM to coordinate tribal outreach for the task force. Under the leadership of the Energy Commission, several tribal-state-federal meetings along the central and north coast have occurred.

6. California Climate Change Assessment

http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201920200SB1320

Senate Bill 1320 (Stern), Chapter 136, 2020 mandates that a state-wide climate change assessment occur every five years. The Energy Commission Tribal Program works collaboratively with the Office of Planning and Research, the Strategic Growth Council and the Natural Resources Agency to support original tribal research that can be integrated into California's Climate Change Assessments.

7. Lithium Valley Commission (Salton Sea)

<https://www.energy.ca.gov/data-reports/california-power-generation-and-power-sources/geothermal-energy/lithium-valley>

Assembly Bill 1657 (Garcia), Chapter 271, 2020 (AB 1657), authorizes the California Energy Commission (CEC) to convene a Blue-Ribbon Commission on Lithium Extraction in California (Lithium Valley Commission), with 14 members appointed by a combination of the CEC, other state agencies, Assembly Speaker, and Senate Committee on Rules. The Lithium Valley Commission is charged with reviewing, investigating, and analyzing certain issues and potential incentives, as further detailed in the statute, regarding lithium extraction and use in California; and, to consult, if feasible, with the United States Environmental Protection Agency and the United States Department of Energy in performing these tasks. The statute requires the Lithium Valley Commission to submit, on or before October 1, 2022, a report to the Legislature

documenting its findings and recommendations. A Tribal representative will be selected to serve on the Lithium Valley Commission.

8. Sustaining Tribal Resiliency Conference

The primary objective of the proposed Tribal Resiliency Conference is to initiate and broaden dialogue between California Native American Tribes and the state concerning how and what the state and Tribes can do together to increase tribal resiliency in the face of climate change, natural disasters, and Public Safety Power Shutoffs (PSPS). Topics to be discussed include wildfire prevention and suppression, transmission line vulnerabilities and related PSPS, water conservation and other adaptations to drought, sea level rise vulnerability, extreme heat events, and the repercussions of these phenomena upon tribal community health, wealth, environment and culture. The conference is proposed for Spring of 2021. A list of actions and recommendations would ensue from the conference and would be promulgated via a conference summary report. This proposed conference will build upon the success of two previously held Energy Commission/Tribal conferences: The Sustaining Tribal Cultural Resources Conference of July 2019 and the Tribal Energy Summit of May 2018.

https://www.energy.ca.gov/sites/default/files/2020-07/STRC%20Final%20Report_ada.pdf

https://www.energy.ca.gov/sites/default/files/2020-07/Summary_Report_Tribal_Energy_Summit_ada.pdf

9. Solar Energy Facility Mitigation

California deserts provide some of the best solar energy locations in the United States. Over the last two decades numerous solar energy facilities have been sited on federal and private lands. Southern California Tribes have been actively consulted by the California Energy Commission and Bureau of Land Management. Project impacts to tribal cultural resources were identified and mitigations requested. Three mitigation projects co-sponsored by the Energy Commission and affiliated tribes are described below.

a. Chuckwalla Valley Prehistoric Trails Land Scape Study

This is a multi-year effort of Energy Commission Cultural Resources Unit staff and Tribal government Cultural Resources staff (composed of 5 tribes) to survey, map, and document hundreds of miles of prehistoric travel routes across the Chuckwalla Valley. The anticipated completion date for the study is Summer 2021.

b. Impact of Large-Scale Renewable Energy Facility Siting on Tribal Heritage Study

A multi-year effort to conduct in-depth interviews with tribal elders, tribal staff and state staff to identify ways to improve future consultations and related energy facility siting in the California Desert. The anticipated completion date for the study is Summer 2021.

c. A PBS quality video entitled *We Are the Land*, documenting Native Americans of the

California Desert and their heritage values associated with the desert landscape, was released in Summer 2019. <https://www.csuchico.edu/alva/projects/2019/we-are-the-land.shtml>

10. Energy Commission Consultations – A Table of CEC Consultations by Projects and Divisions

PROJECT	DATES	STATE-WIDE/REGION	CEC DIVISION
Great Oaks South Data Center	Spring 2020 – Ongoing	Region – South Bay Area	Siting, Transmission and Environmental Protection
San Jose City Data Center	Summer 2020 – Ongoing	Region – South Bay Area	Siting, Transmission and Environmental Protection
Lafayette Data Center	Summer 2020 – Ongoing	Region – South Bay Area	Siting, Transmission and Environmental Protection
Sequoia Data Center	Summer 2019 – Ongoing	Region – South Bay Area	Siting, Transmission and Environmental Protection
Walsh Data Center	Summer 2019 – Summer 2020	Region – South Bay Area	Siting, Transmission and Environmental Protection
Alamitos Energy Center – Compliance Monitoring	2018 - 2020	Region – Los Angeles	Siting, Transmission and Environmental Protection
Otay Mesa	Summer 2020 – Ongoing	Region – San Diego	Siting, Transmission and Environmental Protection
Vierra Transmission	Summer 2019 – Fall 2020	Region – South Bay Area, San Joaquin Valley	Siting, Transmission and Environmental Protection
Power Source Disclosure Plan	Fall 2019 – Fall 2020	State-wide	Renewables
2019 California Energy Efficiency Action Plan	Fall 2019 -	State-wide	Efficiency
Gas Hearth Products Appliance Efficiency Rulemaking	Summer 2019 - Summer 2020	State-wide	Efficiency
General Service Lamps Appliance Efficiency Rulemaking	Summer 2019 – Summer 2020	State-wide	Efficiency
Commercial and Industrial Fans and Blowers Appliance Efficiency Rulemaking	Fall 2019 – Summer 2020	State-wide	Efficiency
Replacement Pool Pump Motors Appliance Efficiency Rulemaking	Summer 2019 – Summer 2020	State-wide	Efficiency

Spray Sprinkler Bodies Appliance Efficiency Rulemaking	Spring 2019 – Summer 2020	State-wide	Efficiency
Air Filters Appliance Efficiency Rulemaking	Fall 2020 – Ongoing	State-wide	Efficiency
SB 100 Joint Agency Report: Charting a Path to a 100% Clean Energy Future	Summer 2020 – Ongoing	State-wide	Siting, Transmission and Environmental Protection