California
Energy Commission
Research & Development

Disadvantaged Community Advisory Group Meeting

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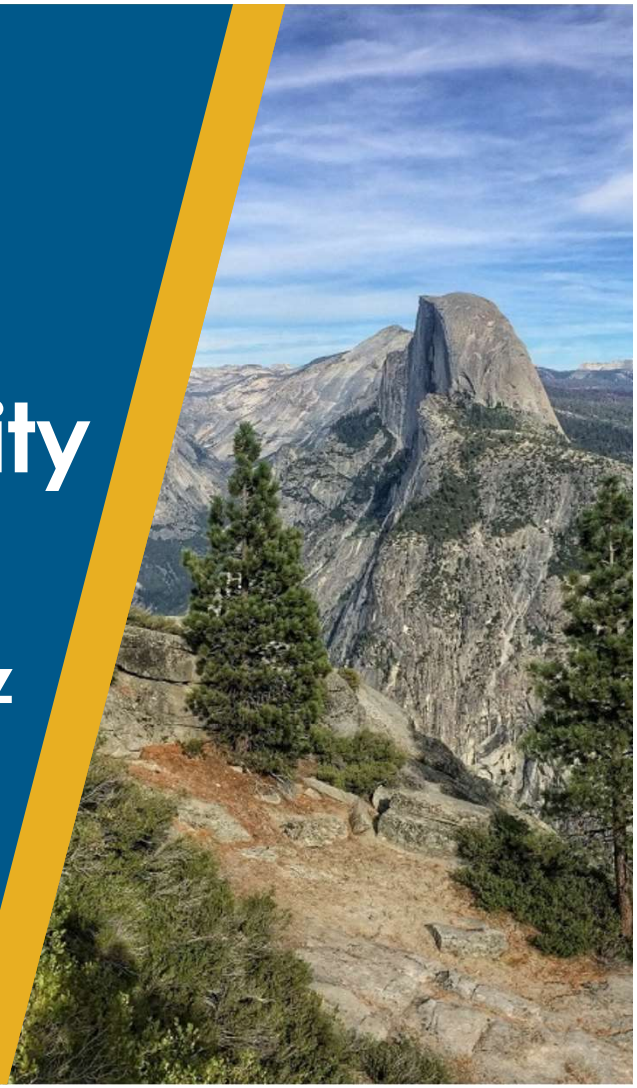
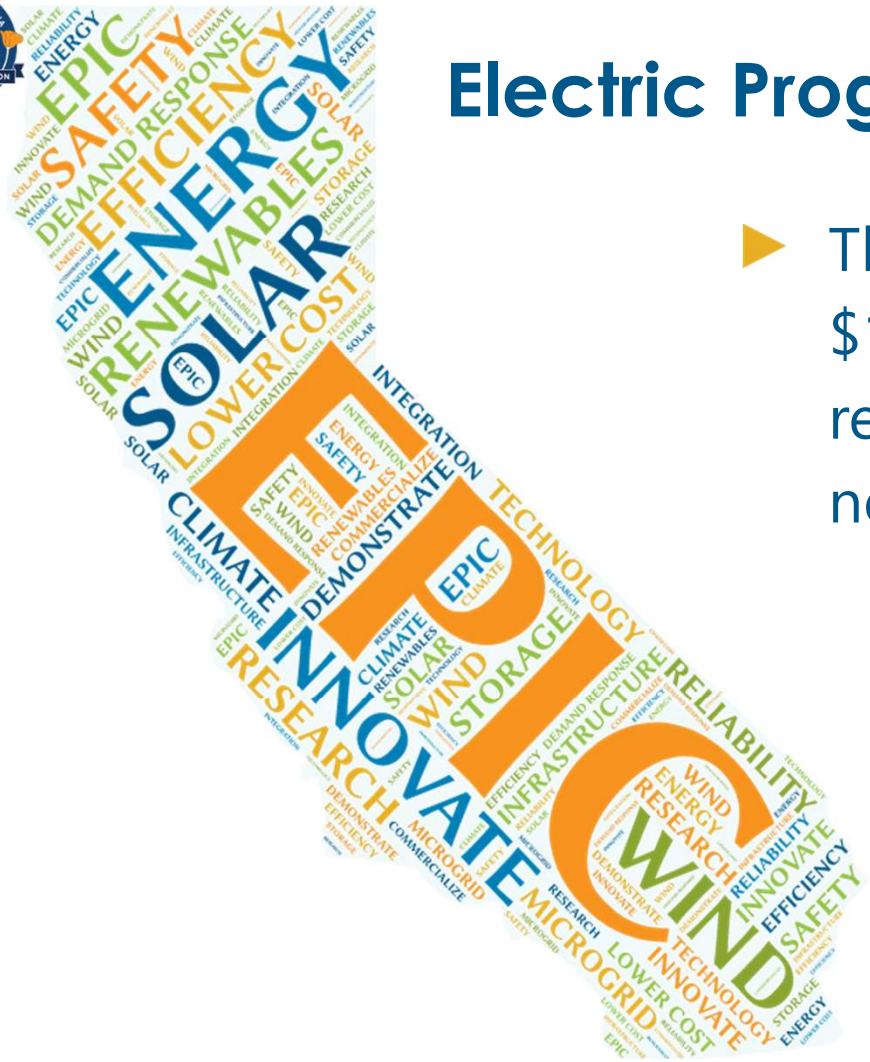
Energy Research and Development Division

January 25, 2019 in Fresno, CA





Electric Program Investment Charge

- The EPIC Program provides ~ $162 million annually for research projects to advance new clean energy technologies.
  - The Energy Commission administers 80% of the funding.
  - The three utilities collectively administer 20%.

What types of projects are eligible for funding?

EPIC projects must contain a research component and fall within one or more of the funding initiatives identified in the Energy Commission's EPIC Triennial Investment Plan.

The 2018-2020 EPIC Investment Plan can be found at:

http://www.energy.ca.gov/research/epic/17-EPIC-01/

What types of projects are eligible for funding?

Funding areas include topics such as:

- Energy Efficiency
- Energy Storage
- Renewables
- Climate Science
- Entrepreneurial Support and assistance
- Advanced Energy Communities
- Customer Adoption of Advanced Clean Energy Technologies

The EPIC Solicitation Process

EPIC projects are awarded through a competitive solicitation process:

- Each solicitation specifies what projects are eligible for funding

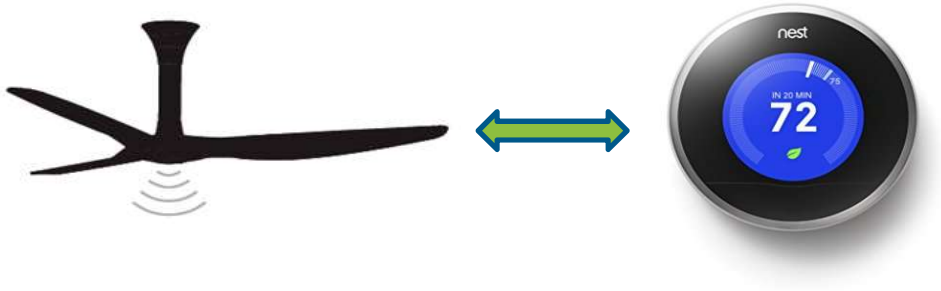
Interested applicants should:

- Participate in the pre-application workshops and LinkedIn webinars for solicitations to hear clarifying information and seek potential partners for projects.

What types of projects benefit communities?

EPIC-funded projects can provide benefits to communities by:

- Improving critical services
- Improving affordability, health, and comfort in residential homes
- Supporting local economy and businesses



Stay Informed . . .

Sign up for the EPIC Listserve to receive notifications for upcoming activities and funding opportunities, at: https://www.energy.ca.gov/research/epic

Connect With Us:

2019 EPIC Symposium

Come learn about EPIC projects, and how R&D investments can help the state achieve its energy goals. This year's symposium will feature:

- Resilient and Equitable Communities
- Electrified Transportation
- Enabling Localized Clean Energy Portfolios
- Survival Tips for Entrepreneurs
- Broadening Storage Technologies Beyond Lithium Ion
- Non-Battery Solutions for Grid Flexibility
- And more

Keynote Speakers: Senator Henry Stern and Assembly Member Eloise Gomez Reyes

Register for free: https://www.eventbee.com/v/2019epicsymposium

Other R&D Programs

- PIER Natural Gas
  - Focuses on reducing statewide natural gas consumption through energy efficiency; increasing use of natural gas alternatives; reducing carbon emissions, and responding to critical research issues, such as methane emissions, air quality, and natural gas pipeline integrity and safety.
- Food Processing Incentive Program (FPIP)
  - Provides grants, loans, or financial incentives to food processors to reduce greenhouse gas emissions; replace high energy consuming equipment and systems with market-ready and advanced technologies and equipment; and accelerate the adoption of state-of-the-art energy technologies that can substantially reduce energy use and costs, and the associated GHG emissions.
- California Sustainable Energy Entrepreneur Development (CalSEED)
  - Provides up to $600,000 in grant funding for early-stage development of promising new energy concepts.

Assembly Bill 523 Engagement and Implementation Efforts

After 2 public workshops in May 2018, staff developed revised evaluation criteria for TD&D projects located in low-income and disadvantaged communities that will be included in EPIC Grant Funding Opportunity solicitation manuals. During evaluation, scorers will consider:

- How project proposals meet the overall goal of the EPIC program to fund research that provides ratepayer benefits in the form of greater reliability, increased safety, and lower costs

- How TD&D proposals for projects located in communities demonstrate how the project will provide benefits to the targeted communities

A Request for Comments will be released soon, to solicit stakeholder feedback on these revised criteria.

Community Engagement

In collaboration with local CBOs and the Public Adviser's Office, staff will hold a series of 2-part meetings areas across the state to better understand communities' clean energy needs to help inform future EPIC solicitations:

- First meeting held in San Diego in December 2018
- Next meetings planned for early 2019 in Central Valley and Eureka (Tribal)
- Additional meetings can be scheduled in coordination with DACAG members or other CBOs

Additional Resources

https://www.energy.ca.gov/research/

Additional Resources

Anticipated Solicitations			
Solicitation Title	**Release Date**	**Program Area/Strategic Objective**	**Estimated Funding Amount**
Next Generation Clean Energy Technology Manufacturing in California	Jan. 2019 – Mar. 2019	Market Facilitation (S5.2.2)	$12 million
Developing Lessons Learned, Best Practices, Training Materials and Guidebooks for Customer Side of the Meter Energy Storage	Jan. 2019 – Mar. 2019	Market Facilitation (S2.3)	$1 million
Cost Reductions, Advanced Technology for Solar Modules (CREATE Solar)	Feb. 2019 – Apr. 2019	Applied Research and Development (S4.1 and S4.4)	$9 million
Ignition Prevention and Utility System Vegetative Intrusion Detection and Suppression	June 2019 – Aug 2019	Applied Research and Development (S7.2)	$3 - $5 million

https://www.energy.ca.gov/contracts/epic.html

Questions