

# Local Energy Resources Network



## Meeting 13

Nov 8, 2022

*Featuring a Conversation with Abby Edwards from the Governor's Office of Planning and Research (OPR)*



# Welcome!

## Purpose

Interactive 1-hour meetings designed to be a regular space where local governments - and those who work with them - can help each other learn about (and possibly inform) available opportunities to advance their energy and climate goals.

## TODAY'S AGENDA

- Opportunity Roundtable + Spotlight
- Featured Discussion with OPR on Adaptation Grants
- BPC Workshop:



# Opportunity Roundtable

View all Opportunities

## Policy Drives Investment

## Agencies Scope/ Design Assistance Programs & Gather Input

## Applicants Apply to Funding Solicitation

### State

- FY 21-22 Budget (\$15B climate resilience investments)
- FY 22-23 Budget (\$38.8B climate change)
- Cap and Trade auction revenue allocations (~\$19B raised since compliance began in 2013)
- Other legislative action (e.g. SB 852 local climate resilience financing districts)
- State agency proceedings (e.g. \*CPUC microgrid, \*CEC IPER, \*CARB Scoping Plan)

### Federal

- Infrastructure Investment and Jobs Act (IIJA) (2021) = \$47B in climate resilience funding
- FY 22-23 Budget (\$44.9B climate change)
- Inflation Reduction Act (IRA) (2022)

### Funding

- DOE: Solar and Wind Grid Services and Reliability Demonstration - due Nov 17, 2022
- CalOES: Building Resilience Infrastructure and Communities (BRIC) - through CalOES by Dec 2, 2022
- DOE: Community Clean Energy Coalition Prize - due Dec 7, 2022
- CEC: CA Automated Permit Processing Program (CalAPP) (\$20M) - due May 2, 2023

### On the horizon ... (applications anticipated in next 3 months)

- DOE: Energy Efficiency and Conservation Block Grant (EECBG) (\$550M IILJ) - late 2022
- DOE: Building Codes Implementation for Efficiency and Resilience - late 2022
- DOE: Deployment of Technologies to Enhance Grid Flexibility - late 2022
- DOE: Energy Improvement in Rural and Remote Areas (\$1B from IIJA) - late 2022
- DOE: Program Upgrading Our Electric Grid & Ensuring Reliability & Resiliency (\$5B from IIJA) - late 2022
- OPR: Adaptation Planning Grant (\$25M; \$10M for Round 1) Round 1: \$10M - late 2022
- OPR: Regional Resilience Planning & Implementation Grant Round 1: \$25M NOFA - Winter 2022/23
- Caltrans: Sustainable Transportation Planning Grants - Dec 2022 or Jan 2023
- SGC: Affordable Housing Sustainable Communities (AHSC) - Jan 2023
- DOE: Grid Resilience and Innovation Partnerships Program (\$10.5B from IIJA) - Q1 2023

### Input

- DOE: Energy Improvement in Rural and Remote Areas (\$1B from IIJA) - RFI due 11/28/22
- DOE: Home Energy Rebate Program (IRA, \$582M allocated to CA) - Listening sessions Nov-Jan 2023
- IRS/Treasury: Clean Energy Tax Credits - 3 new notices - due Dec 3
- EPA: Greenhouse Gas Reduction Fund (IRA, \$27B) by Dec 5

### Other Assistance

- Climate Mayors: Climate Action and the Inflation Reduction Act Guide for Local Government Leaders
- Reach Code Newcomers Webinar Series Recordings
- SGC: Transformative Climate Communities - TA available now to prep for Round 5 (early 2023)

Figure 1. Energy supply receives about half of IRA resources, with significant investments in clean manufacturing and housing (billions of dollars)

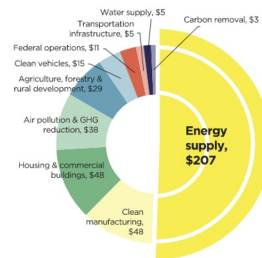
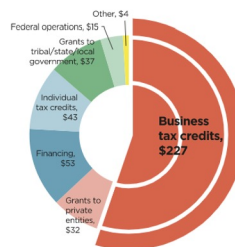


Figure 2. The largest share of IRA funding will be available as tax credits to businesses (billions of dollars)





# Opportunity Spotlight

## DOE Grid Resilience and Innovation Partnerships (GRIP)

### Grid Resilience Funding Available through BIL

Formula Grants	Funding Amount	Next Milestones
<b>Grid Resilience Formula Grants</b> Preventing Outages and Enhancing the Resilience of the Electric Grid / Hazard Hardening (Sec. 40101(d))	\$2.5 billion	• Application open until March 31 <sup>st</sup> , 2023
GRIP Program	Funding Amount	Next Milestones
<b>Grid Resilience Industry Grants</b> Preventing Outages and Enhancing the Resilience of the Electric Grid / Hazard Hardening (Sec. 40101(c))	\$2.5 billion	• RFI/draft FOA for utilities and in August 2022. Comments due
<b>Smart Grid Grants</b> Deployment of Technologies to Enhance Grid Flexibility (Sec. 40107)	\$3 billion	• RFI/draft FOA released in August 14, 2022
<b>Grid Innovation Program</b> Program Upgrading Our Electric Grid and Ensuring Reliability and Resiliency (Sec. 40103(b))	\$5 billion	• RFI/draft FOA released in August 14, 2022

- Applications anticipated in or before Q1 2023
- Local “shovel ready projects?” email [ahacker@civicwell.org](mailto:ahacker@civicwell.org)

### 3. Grid Innovation Program

**\$5B Total (\$1 billion/year for FY22–26)  
FY22 and 23: Up to \$2 Billion**

- ▶ Demonstrate innovative approaches to transmission, distribution, and storage to harden and enhance resilience and reliability; and
- ▶ Demonstrate new approaches to enhance regional grid resilience implemented through States by public and rural electric cooperative entities on a cost-shared basis

#### Eligible Entities:

- ▶ a State;
- ▶ a combination of 2 or more States;
- ▶ an Indian Tribe;
- ▶ a unit of local government;
- ▶ a public utility commission

**Cost Share: 50% Minimum**



# ***Featured Guest***



**Adaptation Planning Grant Manager  
with OPR's Integrated Climate  
Adaptation and Resilience Programs**

**Abby Edwards**

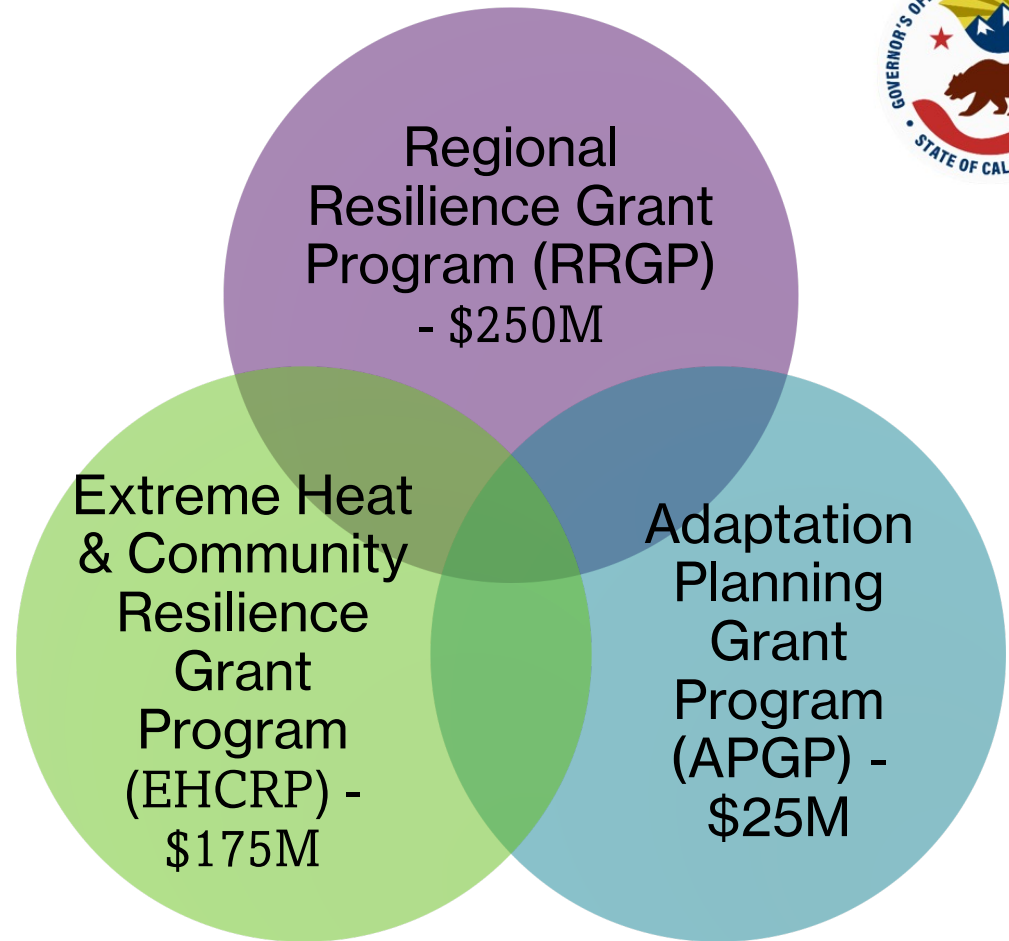


# Integrated Climate Adaptation & Resiliency Program (ICARP)

## Grant Programs



# ICARP Grant Programs



# Regional Resilience Grant Program Background & Tentative Timeline

This program will award **\$250M** over 3 rounds in regional resilience efforts.

Funding aims to:

- Support **local, regional, and tribal** entities' regional-scale climate resilience solutions.
- Support regions in advancing resilience through three major activities, **capacity-building, planning** and **project implementation**.
- Invest \$25M in round 1, of which at least \$12.5M will support **regional climate adaptation planning** and action plans.





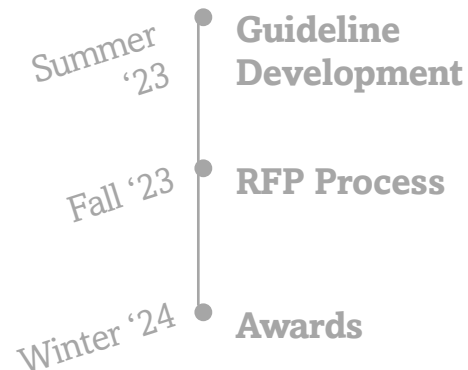
# Extreme Heat & Community Resilience Background & Tentative Timeline

This program will invest **\$175M** in local, regional, and tribal **heat reduction and mitigation efforts**.

Funding will aim to:

- Build capacity for heat action planning in the most heat-burdened communities through **funding and technical support**.
- Implement **California's Extreme Heat Action Plan**.

*ICARP is currently staffing this program. Stay tuned for more details.*

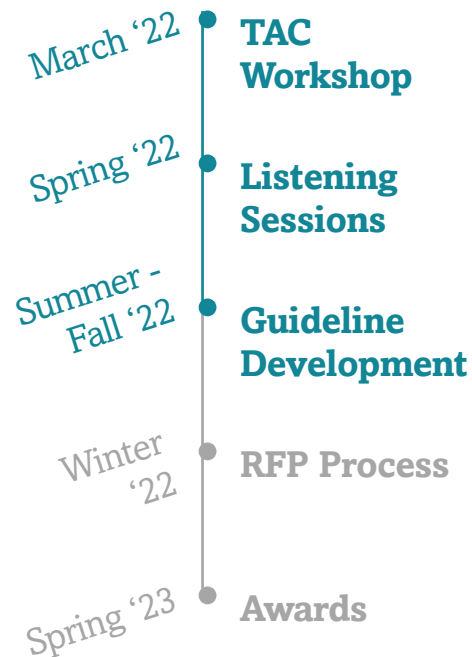


# Adaptation Planning Grant Program Background & Tentative Timeline

This program will award **\$25M** over 3 rounds in local, regional, and tribal adaptation planning efforts.

Funding aims to:

- Fill **local, regional, and tribal** planning funding needs.
- Provide communities the **resources to identify climate resilience priorities**.
- Support the development of a **pipeline of climate resilient infrastructure projects** across the state.





# AGPG Program Goals

---

- Support **equitable outcomes**
- Support much-needed **integrated infrastructure planning** to achieve community resilience
- Help communities plan for and respond to **multiple climate risks** simultaneously
- Build **community planning and capacity**

# Eligible Applicants

---

- Local Public Entities
- California Native American tribes
- Disadvantaged Unincorporated Communities (DUCs)
- Community-Based Organizations

# Co-Applicants & Partnership

---

- Encourage Co-Applicant in addition to Lead Applicant
- Either the Lead Applicant or Co-Applicant should be a **Public Entity**
- Robust, diverse partnerships are strongly encouraged
  - If partnership is not feasible at the time of application, applicants should provide a detailed explanation and/or outline a plan to build partnerships moving forward.

# Eligible Activities

---

Eligible adaptation planning activities were derived from **Spring 2022 public feedback** and are **structured around the 2020 California Adaptation Planning Guide** which outlines a four-phase planning process that communities can use to plan for climate change.

The four planning phases include:

- Phase 1 – Explore, Define and Initiate
- Phase 2 – Assess Vulnerability
- Phase 3 – Define Adaptation Framework and Strategies
- Phase 4 – Implement, Monitor, Evaluate, and Adjust

# Ineligible Activities

---

- **Implementation of construction projects**, including:
  - Direct and indirect construction costs
  - Initiation documents
  - Engineering plans and design specification work
  - Capital costs or maintenance costs
- Environmental studies, plans, or documents normally required for project development under the **California Environmental Quality Act (CEQA)** or **National Environmental Policy Act (NEPA)**.
  - Under Review



# Application

---

- Competitive evaluation process
- Application questions align with the Scoring Criteria
- Additional documentation will include a:
  - Budget
  - Work Plan
  - Up to three (3) letters of support

# Scoring Criteria (100 points possible)

---

1. **Project Vision** 10 points
2. **Project Objectives** 10 points
3. **Community Need and Priorities** 20 points
4. **Co-Benefits** 10 points
5. **Adaptive Capacity** 10 points
6. **Community Partnership** 10 points
7. **Organizational Capacity** 10 points
8. **Budget** 20 points

# Program Elements & Technical Assistance

---

- Action Plan
- Evaluation
- Technical Assistance
  - Application TA
  - Program TA

# Funding

---

- \$6,600,000 million in FY 2022-23 for awards
- **Funding targets** California Native American tribes, rural communities, FEMA's Hazard Mitigation Assistance funding programs for either a Federally Recognized tribe or economically disadvantaged rural communities (EDRC)
- No match funding required

# Program Changes to Date

---

1. Extending the Application Window
  1. January – March
  2. Launched an intent survey: <https://forms.office.com/g/ZKzBteVfvG>
2. Combining the scoring criteria
3. Clarifying info around the Applicant requirements
4. Moving away from using the DWR GRanTS portal for application submission



# Discussion Questions

---

- What would you like us to consider as we solidify the guidelines?
- Where are the current gaps in funding for your work? Specificity helps
- We are currently thinking through technical assistance that could be offered to grantees. What would you like to see through the technical assistance provided?



# ICARP Grants Contact Information

---

## **Regional Resilience Grant Program**

Dolores Barajas, Program Manager [Dolores.Barajas@opr.ca.gov](mailto:Dolores.Barajas@opr.ca.gov)

## **Adaptation Planning Grant Program**

Abby Edwards, Program Manager [Abby.Edwards@opr.ca.gov](mailto:Abby.Edwards@opr.ca.gov)

## **Extreme Heat & Community Resilience**

Abby Edwards, Interim Program Manager [Abby.Edwards@opr.ca.gov](mailto:Abby.Edwards@opr.ca.gov)

For more information: <https://opr.ca.gov/planning/icarp/grants/>



# ***BPC Workshop***

## ***Topic: Discussion***

- Poll: Which input opportunities do you feel CCEC should try to compile comments on?
  - If you are already crafting comments, or wish to collaborate with CCEC on any of these input opportunities, please email [ahacker@civicwell.org](mailto:ahacker@civicwell.org)
- What role do you feel CCEC can and should play in connecting partners for grants?

# Local Energy Resources Network



## What's Next?

- Next meeting **Dec 13, 2022**
  - ***Featuring a Year-end Policy Roundup!***
- Please take a few minutes to complete this [feedback survey](#) for LERN to inform our future planning efforts!
- Share [invitation](#) with others



# CCEC Serves Local Needs



[wEEKly Update](#)



[CURRENTS Quarterly](#)



[Webinars](#)



[Annual Forum](#)



[Active Funding Opportunities](#)



[Funding Program Database](#)



[Technical Assistance](#)



[Technical Assistance Directory](#)



[Local Government Roundtables](#)



[Best Practice Database](#)



[Interviews and Case Studies](#)