

# Building Climate Resilience

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Together, Building  
a Better California



# About PG&E

PG&E is focused on providing safe, reliable, affordable and clean energy to nearly 16 million Californians.



**24,000**  
employees

**5.4 million**  
electric customers

**~80%**  
GHG-free energy

**125,000**  
Circuit miles of  
lines

**70,000**  
square mile  
service area

**4.4 million**  
gas distribution  
customers

**~7,700**  
MW of owned electric  
generation capacity

**49,000**  
Miles of gas  
pipeline

## Our Mission

To safely and reliably deliver affordable and clean energy to our customers and communities every single day, while building the energy network of tomorrow.

## Our Vision

With a sustainable energy future as our North Star, we will meet the challenge of climate change while providing affordable energy for all customers.



# Adapting to the Impacts of Climate Change

For PG&E, climate adaptation includes actions taken for our



Assets



Infrastructure



Operations



Employees



Customers

to mitigate potential consequences amid a changing climate.

These risks include, but are not limited to:



Major Storms



Wildfires



Rising Sea Levels



Heatwaves



Drought



Subsidence



# Taking a Structured Approach

## Assess

- How vulnerable are we?
- How capable are we?
- What tools, data, and processes do we need?
- Reassess as climate data and conditions will change

## Implement

- Put our plans into action

## Design

- Incorporate forward-looking climate data
- Flexible design to allow for uncertainty



# Climate Resilience Initiatives

PG&E is working to measurably increase resilience and reduce risk in the company's assets and operations, and support climate resilience in the communities we serve.

## Build More Resilient Operations

- **Governance** from an executive-level Climate Resilience Coordination Committee to guide PG&E's climate resilience efforts
- **Research** to improve our understanding of potential impacts within our service area and risks to our assets, infrastructure, operations, employees, and customers
- **Integration** by incorporating climate risk mitigation into PG&E's decision-making through a Visualization Tool and other efforts
- **Metrics** to track progress in addressing climate change risks
- **Employee Training** on how to use climate resilience tools and metrics, with an initial focus on employees involved in planning decisions

## Engage with State & Federal Stakeholders

- **Member of Technical Advisory Council to the Governor's Office of Planning & Research:** Integrated Climate Adaptation and Resiliency Program (ICARP)
- **Input into State Funding for Research**, including California Energy Commission (CEC) climate resilience research priorities
- **Member of U.S. DOE Partnership on Energy Sector Climate Resilience**

## Collaborate with Communities

- **Better Together Resilient Communities Grant Program:** Five-year, shareholder-funded initiative to support climate resilience research and related activities at the community level
- **California Resilience Challenge:** Participant in program administered by the Bay Area Council – calling on California businesses and others to contribute to a statewide fund to build local climate resilience and support a shared vision for a resilient California



# Better Together Resilient Communities Grant Program

PG&E is working to help communities build local resilience to climate change.

## Building Local Climate Resilience

- ✓ **\$2 million over five years** in shareholder-funded grants to support local initiatives to build greater climate resilience
- ✓ **Grant proposal evaluation criteria:**
  - Replicability
  - Partnerships
  - Assistance to environmental and social justice communities
  - Measurable impact
- ✓ **Will feature a different climate risk each year**
- ✓ **All applicants must have local or tribal government partner within PG&E's service area**

## Example: West Oakland Resiliency Hub Project

*Led by the West Oakland Environmental Indicators Project*

*Goals include:*

- Enhance three existing community centers in West Oakland to build neighborhood resilience everyday and offer vital resources during natural disasters
- Focused on infrastructure development of the three centers to facilitate resiliency programming
- Coordinate with a cross sector stakeholder group to strategically collaborate with existing efforts, identify challenges, and build support for Implementation