



As California’s largest energy utility, sustainability and climate action have long been part of PG&E’s DNA.

We deliver some of the cleanest electricity in the world, with 93 percent from greenhouse-gas free sources in 2021.

We’re also leading in key areas of clean energy adoption, including rooftop solar installations, electric vehicle adoption and grid-level energy storage, such as our leading-edge battery installation at Moss Landing. In our gas business, we’re a national leader in leak reduction, which has driven down our overall emissions.

PG&E is building upon its history of climate leadership by rolling out ambitious long-term carbon emission reduction goals.



We’re committed to doing our part to achieve net zero energy and beyond—leading an equitable and viable transition that leaves no one behind.

We’re also committed to partnering with customers, co-workers, community organizations, and others to co-create plans and deliver on these goals in a cost-effective way, with minimal impact to customer bills.

Our Commitment: Helping to Heal the Planet

PG&E is committed to helping to heal the planet through a pledge to achieve:

- A climate- and nature-positive energy system by 2050.
- A net zero energy system in 2040—five years ahead of California’s current carbon neutrality goal.
- A series of 2030 climate goals to reduce PG&E’s carbon footprint and enable our customers and communities to reduce theirs.

2030

Reduce Carbon Emissions

50% Scope 1 & 2

25% Scope 3

2040

Net Zero Energy System

2045

California Reaches Carbon Neutrality

2050

Climate-& Nature-Positive Energy System

2030 Climate Goals

Cleaner Energy		Helping Customers Reduce Their Carbon Footprint			
↑ 70% Renewable electricity	↑ 15% Renewable natural gas	↑ 3 million Electric vehicles fueled	↑ 6 million Homes’ annual emissions worth of energy efficiency	↑ 50% Workforce education & training classes on electrification	↑ at least 3 Zonal electrification pilots (targeting disadvantaged communities)



Heal the Planet

Scope 1: Direct emissions from PG&E’s operations.
Scope 2: Indirect emissions from facility electricity use and electric line losses.
Scope 3: Emissions resulting from value chain activities not owned or controlled by PG&E but that can be indirectly impacted by PG&E actions.

2030 Climate Goals

The time for meaningful climate change action is now. The next decade will be critical to make collective progress towards stabilizing the climate. Our strategy is to reduce emissions from the energy delivered through our wires and pipelines and increase electrification technologies and value for our customers with support from a localized, diverse workforce.



Continue to Green the Power Sector towards Delivering Decarbonized Electricity 24 x 7 x 365

- Deliver 70% Renewables Portfolio Standard (RPS) clean electricity.
- Facilitate the use of Diablo Canyon Power Plant transmission infrastructure to support new carbon-free generation.
- Manage energy demand as a reliable, cost-effective alternative to traditional power generation solutions.



Accelerate Electrification of the Transportation Sector

Be the global model in the industry by fueling at least 3 million EVs in our service area—leading to a cumulative reduction of 58+ MMT* of carbon emissions**:

- Proactively prepare the grid for 12,000 GWh of EV-related electric load and enable rapid, safe EV energization and interconnection.
- Enable 2 million EVs to participate in vehicle-grid integration applications, allowing EVs to be a cornerstone of reliability and resilience.
- Repurpose at least 500 MWh of second life batteries for grid-connected energy storage.



Enable Building Electrification in an Orderly Transition and Shape the Future Natural Gas Delivery System

Achieve 48 MMT of lifecycle carbon emission reductions through comprehensive energy efficiency and decarbonization strategies, with an increasing focus on building electrification:

- Align customer building electrification programs with the timing, scope, and goals of PG&E's targeted gas system transition.
- Aim for 50% of the topics in PG&E's Workforce Education and Training programs to focus on building knowledge and skills for electrification – with a continued commitment that 60% of the participants will be from disadvantaged communities.
- Take a proactive, policy leadership position in developing and publicly advocating for federal, state, and local electrification codes and standards for buildings and appliances.

Execute zonal electrification and create a repeatable model on how to best perform it:

- Evaluate our gas capital projects for electrification and pursue electrification for projects deemed feasible and cost-effective.
- Commit to a new program that seeks to zonally electrify three to five communities, with a specific focus on the decarbonization of vulnerable communities.



“Green” the Gas Supply for Hard-to-Electrify Customers

- Reduce cumulative carbon emissions 2.5 MMT by proactively converting industrial and large commercial customers unable to electrify from dirtier burning fuels to natural gas, prioritizing sites in or adjacent to disadvantaged communities.
- Deliver 15% Renewable Natural Gas in PG&E's core gas throughput.
- Maximize readiness for hydrogen blending by operationalizing a hydrogen pilot project by 2024—helping inform a safe level of hydrogen we can blend into the existing system by 2030.
- Pledge \$25M toward sustainable uses for woody biomass.

* million metric tons

** carbon dioxide equivalent (CO₂-e) emissions

Learn more

We invite you to explore our Climate Strategy Report to learn about our plan to bring about a clean energy future in partnership with our customers and others. Visit [pge.com/climate](https://www.pge.com/climate).

