PUBLIC PARTICIPATION HEARING

Pacific Gas & Electric Company – Hydrogen Blending Pilot for Lodi Transmission System
(A.22-09-006)

# What is a Public Participation Hearing?

The purpose of this Public Participation Hearing (PPH) is to provide an opportunity to communicate directly with the California Public Utilities Commission (CPUC) regarding the pending Pacific Gas & Electric Company (PG&E) application to test the blending of hydrogen into a stand-alone segment of a high-pressure steel natural gas transmission line.

# What is this Pilot Project About?

This pilot project is part of a broader, statewide effort led by California’s major gas utilities to explore the safe and effective blending of clean renewable hydrogen into the natural gas system. The use of clean renewable hydrogen generated using renewable energy is seen as a potential way to help reduce the carbon intensity of the gas supply and move California closer toward its goal of 100 percent carbon-free energy by 2045.

PG&E asked the CPUC for permission to test hydrogen blends in a new stand-alone high-pressure steel transmission loop that operates at approximately 720 psi and is not integrated into its existing transmission system. Hydrogen blends would begin at five percent and may increase to 20 percent or higher based on safety evaluations. PG&E plans to build the new transmission loop in a section of agricultural land outside of Lodi, California. The pilot project would be the first of its kind in North America to test hydrogen blending on high-pressure steel pipelines and is designed to evaluate the long-term effects of hydrogen blending on steel pipelines and support the development of a statewide hydrogen blending standard and pipeline safety standards. As the pilot is a closed-loop demonstration, it will not affect residential or commercial customers.

# Background

As California pursues ambitious carbon reduction targets, including carbon neutrality by 2045, clean renewable hydrogen has emerged as a fuel that could potentially help decarbonize hard-to-electrify commercial and industrial customer operations. Blending clean renewable hydrogen into the existing natural gas infrastructure may offer a near-term strategy to lower greenhouse gas emissions while utilizing current pipeline systems.

In response to CPUC Decision 22-12-057, PG&E and other utilities were directed to develop pilot projects testing hydrogen blends above 0.1% concentration. If approved, these pilot projects will inform the development of a safe, statewide hydrogen injection standard by evaluating real-world safety, operational, and environmental impacts.

# Key Project Details

* **Location:** This pilot project would be located where the Northern California Power Agency (NCPA) power generation plant, Lodi Energy Center (LEC), is currently situated.
* **Duration:** The pilot project will last up to 10 years.
* **Cost:** Pilot project costs are estimated at $94.2 million.

# Public Participation Hearings

PPHs will be held on Tuesday, August 26, 2025 at 2:00 PM and at 6:00 PM at:

**Crete Hall at Hutchins Street Square**

**125 S. Hutchins Street, Lodi, CA 95240**

For the most up to date information on the PPHs, visit [cpuc.ca.gov/pph](http://www.cpuc.ca.gov/pph).

# How Your Voice Can Be Heard/Find More Information

This project is part of Application (A.) 22-09-006. You can find more information or submit comments related to this application and project via the methods outlined for CPUC proceedings, such as:

* Speak at an upcoming PPHs in your community.
* Submit comments electronically to the CPUC using the “Add Public Comment” button on the Docket Card for A.22-09-006 at: [apps.cpuc.ca.gov/c/A2209006](http://www.apps.cpuc.ca.gov/c/A2209006).
* You can subscribe to receive documents regarding A.22-09-006 at: [subscribecpuc.cpuc.ca.gov](http://subscribecpuc.cpuc.ca.gov/fpss/Default.aspx).
* View the pending application (including PG&E’s portion) at: [docs.cpuc.ca.gov/p/A2209006](http://www.docs.cpuc.ca.gov/p/A2209006).
* Contact PG&E with questions about their project at: hydrogen@pge.com.
* Contact the CPUC’s Public Advisor’s Office for questions on CPUC processes or assistance participating in this proceeding:
	+ Visit their webpage: <https://www.cpuc.ca.gov/PAO/>.
	+ E-mail: public.advisor@cpuc.ca.gov.
	+ Phone: 1-866-849-8390 or 1-415-703-2074.
	+ Mail: CPUC Public Advisor’s Office, 505 Van Ness Avenue, San Francisco, CA 94102.
	+ Please reference “A.22-09-006” in any communications you have with the CPUC regarding this matter.