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**PG&E Comments on IEPR Workshop on the Role of Hydrogen in California's Clean Energy Future**

*Additional submitted attachment is included below.*



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July 12, 2022

California Energy Commission  
Vice Chair Siva Gunda  
Docket Number 22-IEPR-05  
715 P Street  
Sacramento, CA 95814

**Re: Pacific Gas and Electric Company Comments on the Integrated Energy Policy Report (IEPR) Workshop on the Role of Hydrogen in California's Clean Energy Future (Docket Number 22-OII-01)**

Dear Vice Chair Gunda,

Pacific Gas and Electric Company (PG&E) appreciates the opportunity to comment in response to the California Energy Commission's (CEC) Integrated Energy Policy Report (IEPR) Commissioner workshop on the role of hydrogen in California's clean energy future held on June 21, 2022.

PG&E applauds the CEC's efforts in organizing this workshop. The presentations were well delivered and represented a good mix of information about statewide initiatives related to hydrogen, forecasting the potential role of hydrogen in decarbonization, nearer-term opportunities in the transportation sector, and policies and longer-term opportunities for deploying hydrogen at scale. PG&E is submitting this letter in support of the topics discussed during this workshop and offers the following comments.

PG&E recommends that state policies and funding should focus beyond production pathways and end-use applications. Building a mid-market stream for transporting hydrogen from producers to end users will bridge the market actors together. The blending and transportation of hydrogen in existing gas infrastructure is a critical component of enabling the future hydrogen economy.

Before a hydrogen injection standard can be set for California's natural gas pipeline, the State needs to perform a variety of live blending demonstration projects to get hands-on experience to fill knowledge gaps on how existing transmission and distribution infrastructure in the state will respond to varying levels of blended hydrogen.

PG&E recommends that demonstration projects (such as PG&E's recently announced Hydrogen to Infinity project in Lodi) have the policy support and appropriate funding to inform an injection standard that is safe, reliable and will not cause any system integrity issues.

Therefore, State policies should include funding and development of live blending demonstration projects to ensure that safe blends of hydrogen can be delivered from hydrogen producers to end-users.

Finally, PG&E supports efforts to engage communities of concern in these pilots and demonstration projects. PG&E's Hydrogen to Infinity demonstration project is located adjacent to a disadvantaged community and will have an education center to help educate and promote safe and clean energy delivery.

PG&E appreciates the opportunity to provide its perspective on this IEPR workshop. Please do not hesitate to contact me if you have any questions.

Sincerely,

/s/

Licha Lopez