

November 23, 2022

The Honorable City Council
City of Los Angeles
Room 395, City Hall
Mail Stop 160

Attention: Councilmember Mitch O'Farrell
Chairperson, Energy, Climate Change, Environmental Justice
and River Committee

Honorable Members:

Subject: LADWP Response to Council File No. 21-0268 –
Using Artificial Intelligence on Climate Monitoring

In response to the motion (Council File 21-0268), the Los Angeles Department of Water and Power (LADWP) provides the following:

LADWP performs both mandatory and voluntary reporting of greenhouse gas (GHG) emissions to agencies including CARB, AQMD, Carbon Disclosure Project (CDP), The Climate Registry (TCR), and Science Based Targets Initiative (SBTi). LADWP's GHG emissions inventory is also shared with LASAN for the City's GHG emission inventory.

LADWP is committed to working with the community and its stakeholders by providing up to date information as done with its Valley Generating Station where methane concentration readings are provided real-time via a website accessible to the public at www.ladwp.com/valleygen. Weather conditions, such as temperature, wind speed, and direction are available and data is taken and displayed 24/7. The public can view both historical information and real time data. The data on the website is quality-assured with raw data management occurring on a daily, monthly, quarterly, and annual basis. In addition, any instances of increased methane concentrations by the monitors are captured in an alarm table that also displays the cause of the high concentration. A notification system is in place to inform staff about any potential issues with the monitors and high concentration readings to make sure the instances are addressed immediately.

For sustainability reporting activities, LADWP continues to explore the best available AI technology and services. LADWP keeps in touch with utility peers, vendors, and participates in relevant industry networks to compare best practices and stay on top of current technologies and service providers

If you have any questions or if further information is required, please call me at (213) 367-1338, or have your staff contact Mr. Matthew Hale, Director of Legislative and Intergovernmental Affairs, at (213) 367-0751.

Sincerely,

Martin L. Adams
General Manager and Chief Engineer

Enclosure

c: Councilmember Paul Koretz, Vice-Chair Energy, Climate Change, Environmental Justice and River Committee
Councilmember Gil Cedillo, Member Energy, Climate Change, Environmental Justice and River Committee
Councilmember Kevin DeLeon, Member Energy, Climate Change, Environmental Justice and River Committee
Councilmember Paul Krekorian, Member Energy, Climate Change, Environmental Justice and River Committee
Mr. Matthew Hale