PUBLIC UTILITIES COMMISSION
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298

March 12, 2014

To: Laura Doll
Director, Regulatory Affairs
Pacific Gas and Electric

From: Charles Magee
(415) 806-2394
cm1@cpuc.ca.gov

Re: Gas Leak Management
DATA REQUEST: PG&E 03-12-14-01
Due Date: March 28, 2014

Dear Ms. Doll,

The California Public Utilities Commission's (CPUC) Safety and Enforcement Division (SED) requests information as described in the attached document. Note that there is a Gas Transmission Section, a Gas Distribution Section and a Gas Distribution Picarro Pilot Program Section. Although many of the questions are identical or similar for all sections, the answers may be different. Therefore, each question has a unique number.

Please carefully review the specifics of the attached data request. If you have any questions, do not hesitate to contact me via email (cm1@cpuc.ca.gov) or telephone (415) 806-2394. Please submit the Data Response on or before **March 28, 2014** to cm1@cpuc.ca.gov. If it is preferable to submit the data on DVDs, please send DVDs to:

Charles Magee
Safety and Enforcement Division
California Public Utilities Commission
7th Floor
455 Golden Gate Avenue
San Francisco, Ca. 94102

Please submit responses to the questions as they become available.

If for any reason, you are unable to complete the data request by this date, please provide a written explanation -- by 5:00 pm on March 17, 2014 -- why you cannot meet the response date and when you can provide the information.

Thank you for your cooperation.

Sincerely,

Charles Magee
Senior Utilities Engineer
(415) 806-2394
cm1@cpuc.ca.gov

Cc: Kenneth Bruno – SED, Supervisor, Risk Assessment and Enforcement

DEFINITIONS AND INSTRUCTIONS

A. You", "your", "responding party", and "respondent" refers to **PG&E**.

B. The term "data" refers to any and all documents, work papers, reports, reference materials, spreadsheets, diskettes and any other papers or files in the respondent's possession, or in the possession of its agents, staff or representatives, including all written, recorded or graphic matters, however produced or reproduced, records, notes, summaries, schedules, contracts or diaries, reports, forecasts or appraisals, memoranda of telephone or in person conversations by or with any person, or any other memoranda, correspondence, letters, mail, e-mail, attachments to e-mail and all other forms of correspondence (however recorded), telegraphs, telexes or cables – whether presently in electronic or hard-copy form.

C. Person means, in the plural as well as the singular, any natural person, association, partnership, corporation, or other form of legal entity, including all representatives of any such person.

D. In answering each request, please reiterate the text of the data request to which the respondent is responding.

E. Please provide responses electronically via e-mail or DVD. For data available only in hard copy, please scan and send it electronically, if possible. If this is not practical and hard copies must be sent, state on your email response when the hard copy response was sent.

F. For any response that requires computation and/or calculation, please provide any and all relevant calculations in Excel format.

G. If any response refers to specific source document(s), please identify the source documents(s), specify the pages that are referenced and provide copies of the source documents(s).

H. Provide the name and title of the person(s) who responded to the question(s) and his or her employer.

DATA REQUEST

Provide a Document Index that includes all requested documents relevant to this request. Uniquely number each document for identification.

Gas Transmission Section

Note: Exclude Picarro Pilot Projects and Dig-Ins Unless Specifically Mentioned

1. Please provide all current standards, procedures, instructions, bulletins, guides, policies, documents, etc. that address how gas leaks are identified, classified and repaired in your Gas Transmission System. For a period of one year from the date of this request, please provide one copy of any of the above documents, whenever they are revised.

2. Please provide all current standards, procedures, instructions, bulletins, guides, policies, documents, etc. that address the repair/replacement of service lines (a.k.a. farm taps) and/or service risers, if any, in your Gas Transmission System. For a period of one year from the date of this request, please provide one copy of any of the above documents, whenever they are revised.

3. On average, how many man-hours (including travel time and labor) do you currently spend to identify a leak? Please provide your calculations.

4. On average, what does it currently cost (including travel time, labor and materials) to identify a leak? Please provide your calculations.

5. On average, how many man-hours (including travel time and labor) do you currently spend to fix a leak? Please provide your calculations.

6. On average, what does it currently cost (including travel time, labor and materials) to fix a leak? Please provide your calculations.

7. How many services (a.k.a. farm taps, services to buildings and/or residences) do you have in your transmission system?

8. On average, what does it cost (including travel time, labor and materials) to replace a service riser?

9. On average, what does it cost (including travel time, labor and materials) to replace a service line and riser? Internally sleeving the service line with plastic pipe is also considered replacement.

10. On average, how many man-hours (including travel time and labor) do you currently spend to monitor Non-Hazardous leaks? Please provide your calculations.

11. On average, what does it currently cost (including travel time, labor and materials) to monitor a Non-Hazardous leak? Please provide your calculations.

12. Please describe the process you use to identify and then repair leaks. This question applies to how leak surveyors and leak repair crews are managed. For example, do you

perform leak surveys of areas with teams and then send in multiple crews to repair all the leaks in the area, or do you identify and repair one leak at a time.

13. During the years 2011 to 2013 how many leaks did you repair (by year)?

14. Please describe your leak grading system. In your system, are Non-Hazardous leaks called Grade 3? Do you have any other Non-Hazardous designations?

15. Do you monitor Non-Hazardous leaks or do you repair them? Please explain your policy.

16. How many Non-Hazardous leaks are you currently monitoring?

17. During the years 2011 to 2013 how many Dig-Ins did you have (by year)?

18. How many miles of transmission line do you have in your system?

19. During the years 2011 to 2013 how many leaks did you have in each of your class locations, including HCAs? Please use the attached spread sheet and format to record your answers.

20. During the years 2011 to 2013, including Dig-Ins, how many leaks did you upgrade and how many did you downgrade? Please use the attached spread sheet and format to record your answers.

Gas Distribution Section

Note: Exclude Picarro Pilot Projects and Dig-Ins Unless Specifically Mentioned

21. Please provide all current standards, procedures, instructions, bulletins, guides, policies, documents, etc. that address how gas leaks are identified, classified and repaired in your Gas Distribution System. For a period of one year from the date of this request, please provide one copy of any of the above documents, whenever they are revised.

22. Please provide all current standards, procedures, instructions, bulletins, guides, policies, documents, etc. that address the repair/replacement of service lines and/or risers in your Gas Distribution System. For a period of one year from the date of this request, please provide one copy of any of the above documents, whenever they are revised.

23. On average, how many man-hours (including travel time and labor) do you currently spend to identify a leak? Please provide your calculations.

24. On average, what does it currently cost (including travel time, labor and materials) to identify a leak? Please provide your calculations.

25. On average, how many man-hours (including travel time and labor) do you currently spend to fix a leak? Please provide your calculations.

26. On average, what does it currently cost (including travel time, labor and materials) to fix a leak? Please provide your calculations.

27. On average, what does it cost (including travel time, labor and materials) to replace a riser?

28. On average, what does it cost (including travel time, labor and materials) to replace a service line and riser? Internally sleeving the service line with plastic is also considered replacement.

29. On average, how many man-hours (including travel time and labor) do you currently spend to monitor Non-Hazardous leaks? Please provide your calculations.

30. On average, what does it currently cost (including travel time, labor and materials) to monitor a Non-Hazardous leak? Please provide your calculations.

31. Please describe the process you use to identify and then repair leaks. This question applies to how leak surveyors and leak repair crews are managed. For example, do you perform leak surveys of areas with teams and then send in multiple crews to repair all the leaks in the area, or do you identify and repair one leak at a time.

32. During the years 2011 to 2013 how many leaks did you repair (by year)?

33. Please describe your leak grading system. In your system, are Non-Hazardous leaks called Grade 3? Do you have any other Non-Hazardous designations?

34. Do you monitor Non-Hazardous leaks or do you repair them? Please explain your policy.

35. How many Non-Hazardous leaks are you currently monitoring?

36. During the years 2011 to 2013 how many Dig-Ins did you have (by year)?

37. How many miles of distribution pipe do you have in your system?

38. How many services do you have in your distribution system?

39. During the years 2011 to 2013 how many leaks did you have in each of your class locations, including HCAs? Please use the attached spread sheet and format to record your answers.

40. During the years 2011 to 2013, including Dig-Ins, how many leaks did you upgrade and how many did you downgrade? Please use the attached spread sheet and format to record your answers.

Gas Distribution Section Picarro Pilot Program

Note: The following questions pertain to the Picarro Pilot Program only. Exclude Dig-Ins

41. On average, how many man-hours (including travel time and labor) do you currently spend to identify a leak? Please provide your calculations.

42. On average, what does it currently cost (including travel time, labor and materials) to identify a leak? Please provide your calculations.

43. On average, how many man-hours (including travel time and labor) do you currently spend to fix a leak? During a meeting with the Picarro Pilot Program team on 2/28/14, the team mentioned that the man-hours (2 person team) required to fix a leak has dropped from 28 hours to 10 hours. Please provide the calculations to support these figures.

44. On average, what does it currently cost (including travel time, labor and materials) to fix a leak? Please provide your calculations.

45. On average, what does it cost (including travel time, labor and materials) to replace a riser?

46. On average, what does it cost (including travel time, labor and materials) to replace a service line and riser? Internally sleeving the service line with plastic is also considered replacement.

47. On average, how many man-hours (including travel time and labor) do you currently spend to monitor Non-Hazardous leaks? Please provide your calculations.

48. On average, what does it currently cost (including travel time, labor and materials) to monitor a Non-Hazardous leak? Please provide your calculations.

49. During the years 2011 to 2013 how many leaks did you identify (by year)?

50. During the years 2011 to 2013 how many leaks did you repair (by year)?

51. Do you monitor Non-Hazardous leaks or do you repair them? Please explain your policy.