

**DATA REQUEST
PACIFIC GAS & ELECTRIC COMPANY**

Application No. 10-09-012

Date: December 20, 2010

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From: Division of Ratepayer Advocates
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Originator: Tom Roberts
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Request No.: DRA_A1012009_1

Due Date: December 31, 2010

Subject: PG&E AMI Deployment

Please provide your responses to the originator by the due date. If you are unable to provide the information by this date, please provide a written explanation to the originator by December 27, 2010 as to why the response date cannot be met and your best estimate of when the information can be provided. If you have any questions regarding this data request, please call the originator at the above phone number. Provide all calculations and tables in MS Excel format with all links, macros, and formulas visible and active. Fully explain any calculations, assumptions inherent in the calculations, and any other assumptions supporting your responses.

Requests

1. How many employees or subcontractors were assigned to PG&E's SmartMeter Program in October 2010?
2. How many employees or subcontractors charged any amount of time to PG&E's SmartMeter Program in October 2010?
3. Following the December 6, 2010 TAP meeting, PG&E circulated an organization chart with 31 functional areas reporting to Greg Kiraly, Vice President SmartMeter™ Operations. Provide an updated organization chart and any other figures, charts, or tables to provide the following:
 - a. How the staff listed in response to questions 1 and 2 fit into these 31 functional areas and/or report to the lead executive responsible for the SmartMeter program,
 - b. Lines indicating how the functional areas are related,
 - c. Names of managers for each of the functional areas,

- d. A brief yet complete description of the tasks performed within each of the 31 functional areas,
 - e. The meaning of the gold dashed line surrounding 15 of the 31 functional areas,
 - f. If not provided in responses to the questions above, provide additional figures, charts, or tables showing how all employees or subcontractors supporting the SmartMeter program report to the lead executive responsible for the SmartMeter program.
4. What are the names of software packages used to schedule, budget, track and report the following:
 - a. Meter deployment,
 - b. Program budget,
 - c. Staffing,
 - d. SmartMeter complaints,
 - e. SmartMeter performance (end to end, including meter, communication, and back-end IT systems).
 5. Provide current deployment plans which describe the timing and budget for the following:
 - a. How PG&E's AMI meters and communication system will be completely built out (include geographic deployment plan),
 - b. Replacement or modification of PG&E's IT systems to support SmartMeters and SmartMeter enabled devices and rates,
 - c. Marketing and outreach for SmartMeters and SmartMeter enabled devices and rates.
 6. How does PG&E plan to measure demand response and conservation benefits attributable to Smart Meter deployment?
 7. If any SmartMeters have been installed to date in San Francisco, describe if they are part of a pilot study, and if so, provide the results and findings of the pilot study. Include the type of communication system used.
 8. The following questions refer to the 51 page handout distributed at the November 3, 2010 TAP meeting:
 - a. Slide 49 seems to imply that 75% of SSN network was installed in 2009, and all will be deployed by the end of 2010. Is this interpretation correct?
 - b. Does this mean an installed meter will be able to communicate with PG&E once all the meters in the local mesh have been installed?
 - c. If all network equipment is installed by the end of 2010, why does PG&E still need 3 months to transition customers to interval billing?
 9. Provide the monthly balances of all AMI cost tracking accounts including: AMIMA-E, AMIMA-G, AMIBA-E, AMIBA-G, SBA-E, SBA-G, SEMA-E, SEMA-G. Monthly balances should be provided beginning with the month the accounts were opened, through November 2010, or through the date the accounts were closed.
 10. Provide the name of the accounting/CIS program or system used to enter debits and credits into the accounts listed in question 9 above. Include both the PG&E name for these systems and the names of any commercial or third-party software packages used.
 11. Provide the names of the PG&E staff members or functional groups that enter debits and credits into the accounts listed in question 9 above.
 12. Provide an excel file with all journal entries of debits and credits into the accounts listed in question 9 above. This file should include the name of the source of each credit or debit.
 13. If the name of the source account of any credit or debit provided in response to question 12 above does not describe the nature of the transaction to a lay-person (e.g. that a transaction is for

IT capital investment as opposed to a labor expense), provide a description of each such source account.

14. Table 1 of D.06-07-027 indicates a PVRR of project costs of \$2,258,300,000. The decision also adopts a 20 year depreciation life. Provide the all work papers supporting the adopted PVRR given the 20 year depreciation life.
15. Describe any modifications to the MDMS, and all IT systems that use SmartMeter data, that resulted from switching from DCSI or Aclara communication systems to the Silversprings network.

DRA previously asked about the cost of smart meter technology that was installed and later removed in Question 1 of DRA's Data request in A.07-12-009 dated September 22, 2010. The answer provided in response to that question did not break down the costs as requested. Please read each question below carefully and reply with responsive answers.

16. Provide the cost of any and all equipment related to deployment of electric meters that use an Aclara communication system.
17. Provide the costs incurred by PG&E to deploy electric meters that use an Aclara communication system.
18. Provide the costs incurred to date by PG&E to remove electric meters that use an Aclara communication system.
19. Provide the estimated costs that will be incurred by PG&E to remove electric meters that use an Aclara communication system.
20. Describe any payments or income PG&E will receive to salvage electric meters that use an Aclara communication system.
21. Provide the cost of any and all equipment related to deployment of electric meters that use a DCSI communication system.
22. Provide the costs incurred by PG&E to deploy electric meters that use a DCSI communication system.
23. Provide the costs incurred to date by PG&E to remove electric meters that use a DCSI communication system.
24. Provide the estimated costs that will be incurred by PG&E to remove electric meters that use a DCSI communication system.
25. Describe any payments or income PG&E will receive to salvage electric meters that use a DCSI communication system.