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August 25, 2010

VIA HAND DELIVERY

DOCKET OFFICE
California Public Utilities Commission
555 California Street
San Francisco, CA 94105

Re: A.07-12-009, Pacific Gas and Electric Company's Filing in Compliance

with ALJ Ruling

Dear Docket Clerk:

Enclosed is a copy of the following documents:

- 1. <u>Public Version</u> Pacific Gas and Electric Company's Response in Compliance with Administrative Law Judge's Oral Ruling Requiring that PG&E Submit Data on the Estimated Potential Costs Associated with Suspension of Pacific Gas and Electric Company's SmartMeterTM Technology Deployment;
- 2. Pacific Gas and Electric Company's Motion to File Under Seal the "Confidential Version" of Data on Estimated, Potential Costs Associated with Suspension of Pacific Gas and Electric Company's SmartMeterTM Technology Deployment; and
- 3. Declaration of Stephen P. Lechner Addressing Costs and Other Impacts Related to a Moratorium on PG&E's SmartMeterTM Program.

These documents were filed with the docket office using the CPUC e-filing system. In addition, the <u>public version only</u> of the above-referenced documents were electronically served on all parties on the official service list that provided an email address and by United States mail for those parties who did not provide an email address.

Sincerely,

/s/

Chonda J. Nwamu

CJN/pak Enclosures

cc: Commissioner Michael R. Peevey

ALJ Timothy J. Sullivan

William K. Sanders, Deputy City Attorney, City and County of San Francisco

Official Service List of A 07-12-009

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Application of PACIFIC GAS AND ELECTRIC COMPANY for Authority to Increase Revenue Requirements to Recover the Costs to Upgrade its SmartMeterTM Program

Application No. 07-12-009 (Filed December 12, 2007)

PUBLIC VERSION

PACIFIC GAS AND ELECTRIC COMPANY'S RESPONSE IN COMPLIANCE WITH ADMINISTRATIVE LAW JUDGE'S ORAL RULING REQUIRING THAT PG&E SUBMIT DATA ON THE ESTIMATED POTENTIAL COSTS ASSOCIATED WITH SUSPENSION OF PACIFIC GAS AND ELECTRIC COMPANY'S SMARTMETER™

TECHNOLOGY DEPLOYMENT

CHONDA J. NWAMU PETER OUBORG

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Attorneys for PACIFIC GAS AND ELECTRIC COMPANY

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I. INTRODUCTION

In compliance with Administrative Law Judge Timothy Sullivan's oral Ruling issued at the August 18, 2010, Prehearing Conference (PHC) in the above-captioned proceeding, Pacific Gas and Electric Company (PG&E) hereby files the "Pubic Version" of Data Request responses that it previously provided to the Division of Ratepayer Advocates (DRA). These responses contain estimates of potential costs and lost benefits associated with a temporary suspension of PG&E's SmartMeterTM deployment based on scenarios that DRA articulated in its Data Request. PG&E also concurrently files the supporting Declaration of Stephen P. Lechner, Prinicpal at Pricewaterhouse Coopers with substantial experience working with energy utilities on complex capital projects, to provide additional information on the potential significant impacts of a temporary suspension of PG&E's SmartMeterTM deployment.

Specifically, during the PHC held on *The City and County of San Francisco's Petition to Modify Decision 09-03-026 to Temporarily Suspend Pacific Gas and Electric Company's Installation of SmartMeters* (CCSF Petition), ALJ Sullivan ordered PG&E to provide, by Wednesday, August 25, 2010, cost data in support of its statements that a moratorium would be costly. (*See* PHC Transcript at 34:14-23.) ALJ Sullivan further

stated that PG&E could provide confidential information under seal while releasing to the public its non-confidential, aggregated data. (*See id.*) Because the confidential versions of the Data Request responses include non-public, commercially-sensitive vendor and labor pricing information, PG&E concurrently files the accompanying *Motion to File Under Seal the "Confidential Version" of Data on Estimated Potential Costs Associated with Suspension of Pacific Gas and Electric Company's SmartMeterTM Technology Deployment.*

II. DISCUSSION

A. A Temporary Suspension of PG&E's SmartMeter™ Deployment Would Be Unnecessarily Costly and Would Result in the Loss of Green Union Jobs in California.

A suspension of PG&E's SmartMeter™ deployment would likely be of uncertain scope and duration and would trigger a variety of direct and indirect operational expenses and impacts, which individually and collectively would be significant. In response to DRA's Data Request, PG&E conducted an analysis of the potential estimated costs that PG&E would incur in the event of a temporary suspension of SmartMeter™ deployment under various scenarios. Because the actual costs of a temporary suspension would depend upon a diverse set of specific conditions and facts as they existed at the time of any suspension, PG&E adopted hypothetical assumptions as the foundation for its cost data analysis. PG&E conducted its cost analysis in two parts: (1) a calculation of the estimated lost benefits that would result under three, six and nine month suspension scenarios; and (2) a calculation of estimated potential costs that PG&E may incur including contractual vendor costs and costs associated with workforce adjustments under three, six and nine month suspension scenarios.

PG&E's initial response to DRA estimated the loss of operational and demand response benefits to PG&E customers under the foregoing suspension scenarios. The lost benefit analysis that PG&E conducted, as set forth in the June 9, 2010 response to DRA, resulted in an approximate loss to customers ranging from \$25 million to \$87

million. (See Exhibit A, Public Version, PG&E Data Request Response, dated June 9, 2010). The second part of PG&E's analysis, as set forth in PG&E's June 23, 2010 response to DRA, attempts to quantify the contractual and workforce costs of a temporary suspension. This analysis includes but is not limited to the following types of costs: labor costs under various scenarios, workforce ramp-up costs, storage costs, project management operations costs, equipment supply chain costs, contract renegotiation costs, etc. Based on specific assumptions, as detailed in the attached response, the estimated potential costs in PG&E' second response to DRA range from approximately \$17 million to \$87 million. (See Exhibit B, Public Version, PG&E Data Request Response, dated June 23, 2010.)

Beyond the numerical costs reflected in PG&E's attached responses is an area of critical importance that requires emphasis: a moratorium would result in the loss of hundreds of green technology jobs at a time when California's economy is already weak. PG&E's SmartMeterTM Program has helped to drive significant growth, both internally and externally, in green technology jobs. A suspension of PG&E's SmartMeterTM deployment would likely result in the loss of hundreds of union green technology jobs. PG&E estimates that at least 625 union jobs directly related to the SmartMeterTM deployment would be lost if the requested moratorium were granted. Moreover, the indirect impact to jobs and the green technology industry, both here in California and nationally, extends well beyond those jobs directly linked to PG&E's SmartMeterTM installations.

B. A Temporary Suspension of PG&E's SmartMeterTM Program Would Introduce Significant Uncertainty and Risk Around Continuation of the Program Even Beyond the Estimated Cost Ranges PG&E Calculated in Responses to DRA's Data Request.

The suspension of a major capital program like PG&E's SmartMeterTM Program is an extremely complex and expensive endeavor that can be adversely impacted by numerous variables that could not be known unless and until an actual suspension

occurred. The analysis that PG&E has undertaken in the attached responses (*Exhibits A and B*) includes multiple layers of simplifying assumptions that may not bear out in the event of an actual program suspension. Given the countless combinations of quantifiable and non-quantifiable variables that may occur, actual costs in the event of a suspension could significantly exceed the ranges calculated in PG&E's Data Request responses. To address this considerable and complex risk, PG&E submits the concurrently filed Declaration of Stephen P. Lechner, in which Mr. Lechner discusses the potential impacts of a moratorium based on his substantial experience with other large, complex capital projects. (*See Accompanying Declaration of Stephen P. Lechner Addressing Costs and Other Impacts Related to a Moratorium on PG&E's SmartMeter* Program.) Given the significant uncertainty and the potentially far-reaching impacts related to any program suspension, PG&E's estimated potential costs as set forth in Exhibits A and B reflect conservative cost estimates.

II. CONCLUSION

The drastic and costly action that CCSF has requested, particularly on the eve of The Structure Group's release of its months-long independent review of PG&E's SmartMeterTM technology, is not warranted. CCSF has failed to meet its burden and establish facts demonstrating the need for a moratorium. Pursuant to ALJ Sullivan's Ruling, PG&E submits the attached redacted Data Request responses and accompanying Declaration on the potential costs and other significant negative impacts of a temporary suspension in support of this position. PG&E urges the Commission to carefully consider the significant costs, project uncertainty and risk, and hundreds of green job losses that would result if the Commission imposes a temporary moratorium on PG&E's SmartMeterTM deployment.

Respectfully Submitted,

PETER OUBORG CHONDA J. NWAMU

By:	/s/	
	CHONDA I NIWAMII	

CHONDA J. NWAMU

Pacific Gas and Electric Company 77 Beale Street San Francisco, CA 94105 Telephone: (415) 973-6650

Attorneys for PACIFIC GAS AND ELECTRIC COMPANY

Dated: August 25, 2010

EXHIBIT A

PUBLIC/REDACTED VERSION

PACIFIC GAS AND ELECTRIC COMPANY'S JUNE 9, 2010 RESPONSE TO DIVISION OF RATEPAYER ADVOCATES DATA REQUEST

PG&E Data Request No.:	SM_DRA_01/SM_ED_01		
PG&E File Name:	SM_DRA_01 and SM_ED_01		
Request Date:	April 30, 2010	Requester DR No.:	DRA-012/ED-XX
Date Sent:	June 9, 2010	Requesting Party:	DRA
		Requester:	Mr. Chris Danforth

SUBJECT: COST OF A MORATORIUM ON THE SMART METER DEPLOYMENT

QUESTION 1

Attachment A *(not included)* contains excerpts from the rebuttal testimony of Stephen Lechner in PG&E's Smart Meter Upgrade proceeding. It discusses various costs and types of penalties associated with suspending the Smart Meter deployment. The following questions are based on that testimony.

- Please separately quantify, as best as PG&E is able, all the costs associated with suspending the AMI deployment for each of the following scenarios: (a) Three- month moratorium, (b) Six-month moratorium, and (c) Nine-month moratorium.
- 2. For each scenario in Question #1, please separately itemize the following costs:
 - a. For each vendor contract, the suspension costs that PG&E is contractually obligated to pay for delaying the installation;
 - b. The costs of suspending the PG&E project management office operations;
 - c. Possible loss of personnel knowledgeable about the project;
 - d. The costs related to suspending and re-starting the equipment supply chain:
 - e. The costs for contractor re-mobilization and ramping up deployment;
 - f. Vendor inefficiency costs resulting from starting and stopping work;
 - g. Costs for renegotiating existing vendor contracts, if necessary;
 - h. Costs for identifying new vendors and negotiating new contracts if existing vendors should choose to leave the project during an extended suspension; and
 - i. Any other costs not listed above that PG&E believes should be included. Provide a written explanation of each of the above costs and how they are calculated. Provide the calculations in an Excel spreadsheet.
- 3. Please provide a list of all vendor contracts specifying: (a) The name of the contractor, (2) What the contract covers, and (3) Whether or not there are suspension or labor escalation costs built into the contract.

4. Provide excerpts from contract language specifying the costs incurred owing to suspending the project that are used in the calculations for Question #2 above.

ANSWER 1

This Data Request and its attachment contain confidential information and is being submitted under CPUC Code Section 583.

As PG&E discussed with DRA on May 10, 2010 and on June 1, 2010, PG&E is responding to this request in two parts. This partial response provides an update to the lost benefits model prepared by Mr. Lechner in the SmartMeterTM Program Upgrade (SMU) proceeding, which was previously provided to DRA in PG&E's response to DRA Data Request No. 20 in the SMU proceeding. This model quantified the loss of operational and demand response benefits to PG&E's customers under several short term SmartMeterTM Program suspension scenarios.

PG&E is currently calculating the estimated costs for the above suspension scenarios, as requested in Item 2 above and will provide this information to DRA in a supplemental response to this data request.

Background

On July 29, 2008, PG&E provided DRA Mr. Lechner's electronic model detailing the estimated loss of benefits that would result if PG&E suspended the AMI deployment (for 3, 4, and 6 months) until a commercially viable HAN device was available. Using this model as a template, PG&E has estimated the lost operational and demand response/energy conservation benefits to customers under three hypothetical program suspension scenarios (3-month, 6-month, and 9-month suspension), starting June 1, 2010.

Assumptions

PG&E's assumptions regarding these calculations are summarized below.

- The suspension would begin June 1, 2010.
- PG&E implements a full suspension of electric and gas SmartMeters™ (i.e., no additional meter deployment during suspension period).
- The suspension does not ultimately result in the complete termination of the SmartMeter program, and SmartMeter™ deployment can resume after the suspension is over. Based on this assumption, PG&E will continue to acquire and take delivery of SmartMeter™ equipment during the suspension period, in order to avoid risks to its supply chain that may hinder its ability to deploy SmartMeters™ once the suspension concludes.

- During the suspension, PG&E's third-party installation vendor will not be able to fully hold on to its current workforce, and upon the conclusion of the suspension, the third-party installation vendor will have to rehire workers and train its new workforce. This will create a "ramp-up" timeframe until the third-party installation vendor can install SmartMeters™ at its present full-capacity rate. PG&E's specific work force assumptions for each suspension scenario are as follows:
 - A 3-month suspension will result in a 60% loss of labor workforce that will require rehiring and retraining;
 - A 6-month suspension will result in an 80% loss of labor workforce that will require rehiring and retraining;
 - A 9-month suspension will result in a 100% loss of labor workforce that will require rehiring and retraining; and
 - PG&E's installation vendor can train installers per week (the vendor's current training rate).
- Electric meter operational benefits are set at \$1.9543 per meter per month (\$1.7722 per electric meter as approved by the Commission in D.06-07-027, plus the additional \$0.1821 per electric meter per month approved by the Commission in D.09-03-026).
- Gas meter operational benefits are set at \$1.036 per gas meter per month as approved by the Commission in D.06-07-027.
- Post-suspension deployment is based on PG&E's current installation schedule; as of May 2010 ("rev11").
- At a maximum capacity of 400 third-party installers, on average, 200,000 electric SmartMeters™ and 140,000 gas SmartMeters™ can be installed per month (consistent with schedule revision 11).
- Relative benefits are calculated through December 2028.
- In the SMU proceeding, Mr. Lechner's lost benefits model included an allowance for lost demand response benefits based on the estimated demand response amounts adopted by the Commission in D.06-07-027. In the SMU proceeding, the Commission adopted estimated amounts for additional demand response and energy conservation benefits in D.09-03-026 (resulting from the upgraded meters). For purposes of this data request response, PG&E has provided two scenarios to estimate lost benefits associated with demand response and energy conservation as defined below:
 - Demand Response Scenario 1: Consistent with Mr. Lechner's original model, PG&E has applied a demand response benefit value of 18% to the

original \$1.7722 per electric meter per month operational benefits adopted by the Commission in D.06-07-027. This is based on an assumed DR benefit of \$338MM (as adopted in D.06-07-027), as a percentage of the operating benefits per activated meter.

Demand Response Scenario 2: PG&E applied a demand response benefit value of 45% to the full \$1.9543 per electric meter per month operational benefit amount. This is based on the assumed demand response benefit of \$338MM from D.06-07-027, plus the additional demand response and energy conservation benefit of \$615MM (adopted by the Commission in D.09-03-026) as a percentage of the operating benefits per activated meter.

Results

Given the assumptions listed above, PG&E ran the following scenario models:

Scenario 1

\$1.9543 per meter electric operational benefit

\$1.036 per meter gas operational benefit

\$0.319 per meter electric benefit for demand response (based on adopted amount in D. 06-07-027)

Scenario 2

\$1.9543 per meter electric operational benefit

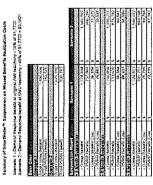
\$1.036 per meter gas operational benefit

\$0.8794 per meter electric benefit for demand response and energy conservation (based on adopted amounts in D.06-07-027 and D.09-03-06)

Table 1 below summarizes the results of these 2 alternative model runs, which for the given suspension assumptions range approximately between \$25MM to \$87MM loss to customers. In addition, the attached Excel file contains further detail on calculations used to obtain these results: SM_DRA_01 and SM_ED_01-Attachment-01.xls

Table 1 Summary of the Relative Impact of Suspension on Benefits Realization (\$000)

Description	PVRR Benefit Impact of Suspension Scenario					
	DR Scenario 1	DR Scenario 2				
No Suspension	Baseline	Baseline				
3 Month Suspension	(25,487)	(30,521)				
6 Month Suspension	(48,937)	(58,599)				
9 Month Suspension	(72,815)	(87,187)				



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	2276 2776 8 3 9,444 0.059 4 \$ 3,724	2,276 2,276 7 \$ 0,447 6,66 3 \$ 3,228	2278 2278 7 5 3,447 9,68	0 Jul-2020 0 2.275 7 \$ 0,447 0,50	10 JAP 2025 0 0 1744 8 8 1,289 0,56	20 40-2029 0 1244 0 5 1,289 0.50 4 8 E44	20 Jul-2020 6 0 0 1244 2 2 1,289 5 6 66 6 5 644 5	1244 1244 7 6 1,283 1 6 0,50
	2276 2276 8 \$ 0,448 6.50	12 Aug-2020 1276 7 \$ 0,447 136 3 \$ 3,520	2278 2278 7 8 9,447 9,45	0 Aug-2026 0 2273 7 5 9,647 0,845 3 6 3,225	75 Aug-2020 1244 11 1.789 1 5.50 8 8 644	1244 1244 1256 1560 1 1 256	0 Aug-2020 1244 3 5 1,289 0 0,50	9 344-2020 4442-2020 1 1244 1245 1 6 1259 8 1275 8 0.50 0.50 1 5 0.44 5 0.44 1
	0,000,000 0,000 20,000 1	1 E-0-2020 2275 7 F 8,447 0,50	5 549-2020 0 2.277; 7 5 3,447 0.10	6 Sep-2029 0 2,276 7 8 6,447 0,50 6 3,223	0 Sep-2000 0 1744 1 1,269 0,50 1 5 044	6 Capp-2020 0 17244 1 1,289 2,69 1 6 404	0 Cap-2020 0 12 dd 12 dd 12 dd 12 dd 13 dd	044 1244 1,789 0,00
	0 000-0079 2 279 2279 1 5 0,444 \$	0 0000000 0 2,275 7 8 0,447 0.00 0 8 3,225	200-2020 2,775 1, 8,447 0,10 1, 5,522	\$ 085,000 2,270 7 \$ 0,447 8,00 1 \$ 3,723	0 Con-2020 1 244 1 5 1,289 0,00 1 5 444	2 Det-2020 1264 1 1,728 1 0,50	C O4-2020 1244 1 b 1,255 0,50	0 Oct.2020 0 1244 1244 0.00 0.00
	2000-0000 2000-0000 1 \$ 0,4445 0,50	6 New-2025 0 2,576 2,576 8 0,447 0,00 1 \$ 1,222	2.2775 2.2775 8.447 8.60	Nov-3020 2775 \$ 0,447 0,50 \$ 3,225	Nov-2074 1244 1244 1200 144	Nov.2028 0 1244 3 1,289 2,60 1,044	Nov-2009 0 1244 1,246 0,60 0,44	244 244 244 0.50 0.50
	5 Dec-2020 2270 5 B.448 0.50 5 3.274	2,775 2,775 6,30 1,277	Dec.2022 2,275 5,9,447 0,50 5,9,223	Dec.2029 2.275 5.5447 0.50 6.3,223	1 Dec-2070 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 Dec 2029 124 1 1,246 1 0.06 1 144	Coe-2070 0 1244 \$ 1,789 0.50 9 044	Dec.2020 0 1244 7, 1286 9,50 6,440
	Jun-2019 0 2773 6 6.448 0.40	2,2775 2,2775 2,447 2,048	2,2775 2,2775 2,447 2,447 3,447 3,2966 3,2966	2275 2275 5 5447 5 2965	1244 5 1,344 5 0,46 5 0,46	1246 1246 1246 1246 1246	Jee-702- 0 17244 1 1,288 0,46	14x-2027 0 1244 5 1,286 6,46 5 603
	F4-7011 0 2175 5, 5,448 0,46 3, 2,900	2276 5 2447 5 2.588	Feb-2021 2.276 \$ 0.447 \$ 2.366	Feb.2021 2,276 5,0,447 6,46 5,2,600	Feb.2021 0 1744 1,1240 5,46 5 532	124 124 128 128 128 128 128	Fab-2021 0 1244 5 1.2% 6.40 5 803	744-2021 1244 2 1,286 2,46 5 993
	Mer-2021 0 227/0 3 0,448 0,46 5 2,960	6/46/2021 2,776 3, 0,447 6,46 1, 2,666	Mar-2027 0 2.275 5 8,447 5.40 8 2,896	Man-2021 0 2,379 5 9,447 0,46 8 2,886	Mar-2021 1244 6 1,298 6.40 8 603	Mar-2027 8 1244 5 1,289 6,48	Mar-2007 0 1794 0.40 6.40 503	Mai-2021 0 1244 6 1,269 0,40 8 693
	Apr2021 9 2223 8 0.44N 0.48 0.48	Apr.2021 0 22775 5 GAS7 0,467 2,090	Apr.2227 2,277 2,447 0,46 1,2800	Apr-7027 2,2375 5,5,447 6,469 5,2,940	App.2021 0 1724 8 1,389 0,46 \$ 605	Aer-2021 0 1244 1 1,284 0 446 1 593	App. 2027 124 1245 6 1,289 0,48 8 0,89	App. 2013 1244 1.218 0.40 5.503
	May-2027 0 22275 5 6,444 8 2,046 9 2,046	Mes-2027 0 2,2276 5 8,447 0,48 \$ 2,069	2770 2770 5 0.447 0.46 5 2.968	May-2021 0 0 2276 5 6,447 6,46 5 7,909	Mey-2021 0 1244 \$ 1,286 9,40 \$ 950	Mey-2021 9 1284 8 1,288 0,40	May-2021 0 1244 3 1,289 0,40 5 6.05	May-2021 0 1244 5 1,246 0,45 5 693
	Jun-2027 5 2270 8 0,448 0 6,46 8 2,960 0	Jun-2021 0 2,276 5 0,447 0,40 8 2,068	2,400	Jan-2021 6 2,2775 6 9,447 0,40 6 2,896	Jen-2021 0 1244 1,290 0 0,45 1,45	Jen-2021 6 12-4 1 1,286 9,48 6,48 5 593 8	2045 1244 \$ 1,286 \$ 0.45	Jun-2021 8 1244 6 1,286 5,46 5 533
	AM-2021 0 2275 6 9,448 0,48 5 2,858	2276 2276 3 9,447 0,48 1 2,006	30-2021 0 2270 2270 8 9.447 6.40 8 2.909	July 2276 2,276 5 0,447 0,48 5 2,946	Jul-2021 0 1744 6 1,249 6,45 1 003	2 1,246 2 1,246 3 1,246 5 502	25-2021 1244 5 12345 5 0,465 5 660	1244 1244 8 1,285 5 652
	Aug-2021 0 2277 3 0,444 0,45 5 2,906	Aug-2021 0 2,275 2 8,447 0,45 2,744	Aug-2027 0 2276 \$ 9,447 6,48	Aug-2027 D D 2,275 S 5,447 6,46 6 2,699	Alwa-2021 0 1244 \$ 1,248 6,46 \$ 500	Aug-2021 0 1244 3 1,289 0.46	Aug-2021 0 1244 \$ 1,289 0.46 8 MG	Aug-2021 0 1244 \$ 1,288 0,46 \$ \$55
	Sep-2021 0 22276 8 8,446 6.46 3 2,900	2002-2021 2,276 2,447 0,48 0,48	Dep-2027 2 2775 2 2,4467 5 2,408	500-2021 2-275 5 9,447 1,465 8 2,856	544-2021 5 1744 1 1,215 0.48 8 0.03	200-7021 2 1,244 3 1,246 6.46 6.46	04p-2021 0 1244 1,288 0,46 203	Sep-2021 0 1244 6 1,289 0,40 6 503
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	New-2021 5 2279 5 6,448 0.46 9 2,508	Nov-2027 0 2-275 8 6,447 1:46 \$ 2,966	Nov-2021 0 2,2775 5 6,467 0,46 \$ 2,960	Nov-2027 8 2,275 5 8,447 0,48	Nov-2021 0 1254 1,289 0,46 5	Nov-2021 0 1244 0,45 0,45 8	Nov-2021 0 1244 5 1.289 0,46 \$ 503	Nav-2021 \$ 1244 \$ 1,289 0,40 \$ 585
	0 2275 2775 5 6,444 0,48 5 2,954	Omc-2021 2,276 \$ 6,447 6,46 5 7,848	Dec. 2021 2,273 3,0,40 6,46 2,2900	Dec.2021 2,271 5,5447 0,46 6,246	Duc-2021 0 1244 \$ 1,288 0,46 \$ 693	Dec-2022 1244 S 1,289 D,46	Dec-2029 9 1244 5 1,249 0,85 5 5,65	Dec-2027 0 1244 5 1,286 0,46 5 5103
	Jan-2022 D 2276 S 2,448 0,43 S 2,773	2276 0 2276 5 8,447 0,43 6 2,772	Jan-2022 2,275 2,275 8,5,447 6,2,772	Jun-2012 0 2,2775 5 0,447 0,45 5 2,772	Jest-2022 0 1244 1,244 0,43 0,43	Jan-2022 0 1245 5 1,289 8 634 1	ten-2022 0 0 1244 2 1,210 8,45 8,58	Jan-2022 0 1244 6 1,246 6.43 5 974
	7.00.70 D 2275 S 9.445 S 2.775	Feb.2022 2775 2775 8 0.467 8 2.773	6 2,200 2,200 2,200 0,40 2,400 2,700 2,700	2 2.772	41 **			

AMI Operation (The Carlot per near compile 60U Fing - Decide per metric based action) Tabil Lacido per metric hands action of Demand Respons inpact (of AMI * 6MU) Demand Respons inpact (of AMI * 6MU) Excito per meter benefit - 2R Des per meter benefit	Electric Constitution and State Const	3 Mortil Russension Calculated Capture Carter Calculated Captures Capture Calculated Captures Capture Calculated Captures Capture PATR Rais	6 Month's Auryanathan Cumulathy Delpoyment - Electro Cumulatha Barth PASS Rea PASS Rea Past Const Benefit Tobs Const Benefit Tobs Const PASS Remett	9 March Saspension Commission Electro Commission Electro Commission Electro PATR Riss PATR Riss PATR Riss Resett Total Ones Resett Total Ones Resett Total PATR Basentt	20cc Carest that Asserting Designment - Core Carrelling - Observed - Core Carrelling - Observed - Core Price Paris Price Paris - Core - Core Total Ones - Benth Total Ones - Benth Total Ones - Benth	2 Month Kanpannien Mandy Papignent Cass Gunbaltve Deforment Cass Gunbaltve Deforment Cass PKR Refe PKR Refe Total Gust Besett Total Gust Besett Total PKR Basefit	R Moeth Suspaniston Rethilf Cagograph - Cas Carrindative Deportment - Cas Grows Berger PORF Rac PORF Rac PORT Rac	9 Month Suspension Maching Depoyment - Clas Curnadore Spolographic - Clas Cura. Suspension PARE Pate PARE Pate TAPA Overs Benefit
beneitt add-on AU) SAUS	Man-202 0 2275 2 2275 5 6,445 0,63 5 2,773	Massign 0 2776 1 6.447 2.43 8 2.777	Har-Year Associate Harring Associate Associate Browning Converted North-Year Association (A. 1978) 2.770	Max-Moz 0 2,070 8 6,447 0,447 4,447 5 2,772	Mass202 1248 1248 6,43 6,43 6,43	Man,252 0 1244 8 1,288 0.41 6 554	MAPP 202 8 1344 8 1,788 9 2,0	Mer-292 0 1244 1,289 0,45 5,458
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,	2 May-202 2276 2276 3 9,448 9,43	2 May-292 2.276 5.45 6.45 4.2772	2,00 2,276 \$ 9,447 \$ 2,772	2,375 2,375 6,0,447 8,0,447 8,0,477	2 Mee-202 9 1244 1244 1 1,289 10,43 5 834	2 May-202 1244 1,236 2,43 2,43	2 May 202 1244 \$ 1,789 0,43	7 May-202. 0 1244 5 1,288 0,43 6 564
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	2075 2075 1 5 5,444 1 5 2,773	2.775 2.775 2.775 2.7775 2.7775	2,2718 7, 5, 6,445 1, 5, 2,773	2 Aug-2028 2278 7 \$ 6,440 9,441	22 August 22 L	22 August 22 1244 1244 1.05 1.05 1.05 1.05 1.05 1.05 1.05 1.05	2 Avg-203	2 Aug-302 1244 1 5 1,286 5 934
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	######################################	HIGH 27 FANTER HANTER DATES AND HANTER GANTER CHANTER DANNER DANN	2 00-200 2270 7 8 8,441 1 8 2,772	22778 22778 7 8 9,440	MANAGOZZ PAPAGOZZ JAN-NOZZ JAN-NOZZ PANAGOZZ PANAGOZZ GA-NOZG GA-NOZG PANAGOZZ PANAGOZ PANAGOZZ PANAGOZ			2 Oct-202 1744 1 1,288 2,43 5 654
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	Apr.2023 2275 5 5,444 0 J.C	Aex-0025 2.275 5 c.447 0,46 5 2,578	Apr.4023	App. 2023 2,275 5,5447 0,60	Approximately 1244 1268 12.1 1.288 1.388 1	Appr. 2012 1244 1245 1289 8 1289 8 188	2007-04 2007-0	App-2023
	May-2023 0 22275 \$ 6,448 0.40 5 2,579	May-2023 2.278 5 8,447 0,40	May-2022 2278 8 8,447 0,40	2,2776 8 6,447 0,40	Mar-2023 1244 1,285 1,285 0,40 8 514	May-2022 1244 \$ 1269 0.40	May-2022 2 0 1244 6 1,286 6,40 6 6,16	Mey-2020 0 1244 8 1,288 0,40
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	Aug-7022 2777 3. 9,446 5,46 5,25 7,578	Aug-2025 5 2,276 5 9,447 8,49 5 2,576	Augustoza 2,276 5,0447 6,40 6,2578	Aug-2023 2,275 5 0,447 0,40 6 2,678	Aug-2022 6 1244 1,256 0,40 i 016	Aug. 2023 1244 5 1,295 6,45 5 516	Aug-2022 0 1244 1 1,269 0,40	Aug-7023 0 1248 1,248 1,40
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	Nov-2023 6 2773 5 6,448 0.40 \$ 2.670	1,272 2,275 5,447 5,467 5,47 5,47 5,47 5,47 5,47 5,47 5,47 5,4	22770 22770 5 5,447 5 2,778	Nov-2023 0 2,276 5 0,447 \$ 2,578	0 1244 1244 1289 0,00 518	Nov-2023	Mov-2025 1244 5 1,288 0,40 8 0,16	1244 1244 1,288 0,49
	0.00 0.00 0.00 0.00 0.00	Dec.2022 2,270 3,6,447 3,46 5, 2,678	Dec-2022 1 2.275 5 0.447 6 2.577	Chec-2023 2,23% 5 0,467 0,40 6 2,679	Dec-2027	Dec-2022 7244 7. (2)19 9.45 9.45	200 A	Dec-2023 0 1244 1,286 0,40 5 918
	Jan-2024 D 2273 6 E,448 3 0,07 5 2,380 6	2,275 2,275 2,275 2,385	2,275 8 0,447 0,37 6 2,385	2,275 5,247 5,447 1,357 5,2385	Jan-7024 0 1244 1 1,289 0,37	100 100 100 100 100 100 100 100 100 100	25. 27. 27. 27. 27. 27. 27. 27. 27. 27. 27	Jeo-2024 0 1744 1,280 0,37
	Patrician 2275 2275 5 0,445 0,37 6 2,346	2,775 0,447 0,37 5,23 5,23 5,23	Feb-7024 0 2,276 \$ 0,447 5,37 \$ 2,365	Feb.2024 0 2,776 3 0,447 6.27 6.27 6.27	F-5-2024 1244 1234 1235 1237 1477	124 124 124 137 137	Fab 2024 1244 5 1,789 0,37	Feb-2026 1244 1,289 0,37 8 477
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	May-2024 6 22775 5 0,448 5 0.37 5 2,380 3	2276 2276 2276 5 6,457 6,37 5 2,360 6	0 2276 2 2276 9 0.447 6 9.37 6.37	May-2024 2 2 2 6 2 2 2 7 6 0 2 3 4 7 8 5 2 3 4 8 5	May-2024 . 0 . 1.244 . 1.240 & 0.37 . 5 . 477 . 5	224 247 247 278 278	May-2024 0 1244 1,239 3 0,37 477 \$	May-2024 0 1244 1,288 5 0,37
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	Aug.1074 (0.00) 2276 5 0.448 15 0.377 6 2.396 3	Aug-2024 C	Awa-2024 0 2,775 8 0,447 \$ 0,37 5 2,346 \$	Aug-2024 0 2776 5 5,447 8 0,37	2 1,289 \$	0 1244 5 1244 5 1244 5 1244 5 1244 5 1244 2	Aug-2024 (25. 25. E. P. C.
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EXHIBIT B

PUBLIC/REDACTED VERSION

PACIFIC GAS AND ELECTRIC COMPANY'S JUNE 23, 2010 RESPONSE TO DIVISION OF RATEPAYER ADVOCATES DATA REQUEST

PG&E Data Request No.:	SM DRA 01/SM ED 01		
PG&E File Name:	SM_DRA_01 and SM_ED_01	_Supplemental-01	
Request Date:	April 30, 2010	Requester DR No.:	DRA-012/ED-XX
Date Sent:	June 23, 2010	Requesting Party:	DRA
		Requester:	Mr. Chris Danforth

SUBJECT: COST OF A MORATORIUM ON THE SMART METER DEPLOYMENT

QUESTION 1

Attachment A (not included) contains excerpts from the rebuttal testimony of Stephen Lechner in PG&E's Smart Meter Upgrade proceeding. It discusses various costs and types of penalties associated with suspending the Smart Meter deployment. The following questions are based on that testimony.

- Please separately quantify, as best as PG&E is able, all the costs associated with suspending the AMI deployment for each of the following scenarios: (a) Three- month moratorium, (b) Six-month moratorium, and (c) Nine-month moratorium.
- 2. For each scenario in Question #1, please separately itemize the following costs:
 - a. For each vendor contract, the suspension costs that PG&E is contractually obligated to pay for delaying the installation;
 - b. The costs of suspending the PG&E project management office operations;
 - c. Possible loss of personnel knowledgeable about the project;
 - d. The costs related to suspending and re-starting the equipment supply chain:
 - e. The costs for contractor re-mobilization and ramping up deployment;
 - f. Vendor inefficiency costs resulting from starting and stopping work;
 - g. Costs for renegotiating existing vendor contracts, if necessary;
 - Costs for identifying new vendors and negotiating new contracts if existing vendors should choose to leave the project during an extended suspension; and
 - i. Any other costs not listed above that PG&E believes should be included. Provide a written explanation of each of the above costs and how they are

calculated. Provide the calculations in an Excel spreadsheet.

- 3. Please provide a list of all vendor contracts specifying: (a) The name of the contractor, (2) What the contract covers, and (3) Whether or not there are suspension or labor escalation costs built into the contract.
- 4. Provide excerpts from contract language specifying the costs incurred owing to suspending the project that are used in the calculations for Question #2 above.

ANSWER

This Data Request and its attachments contain confidential information and is being submitted under CPUC Code Section 583.

As PG&E discussed with DRA on May 10, 2010 and on June 1, 2010, PG&E is responding to this request in two parts. Part one, submitted on June 9, 2010, provided an update to the lost benefits model prepared by Mr. Lechner in the SmartMeterTM Program Upgrade (SMU) proceeding. This response is part two, which estimates the costs for the above suspension scenarios, as requested in Item 2 above and is being submitted as a supplemental response: SM_DRA_01 and SM_ED_01_Supplemental-01

Introduction

The suspension of a major capital program like PG&E's SmartMeterTM Program is an extremely complex and expensive endeavor. Moreover, such a suspension can be adversely affected by numerous variables that would only be known as the hypothetical suspension progressed. For example, while PG&E can estimate the amount a contractor may be entitled to under the terms of its existing contract, such contract terms inherently assume reasonable performance parameters that may change under a prolonged suspension scenario, leading to contract renegotiations, additional costs and/or disputes. Additionally, DRA's scenarios reflect a "duration-certain" suspension. In a real-life suspension, such certainty does not exist, which typically leads to ongoing performance uncertainty, program and operational inefficiencies, reductions in employee morale or high turn-over, and/or the need to consider new information or technology developments, which could lead to program modifications and substantial cost overruns on program re-start.

In a real-life program suspension, some of the greatest risks relate to prolonged program delays (i.e., program delays resulting from a suspension will often significantly exceed the period of suspension) and/or scope modifications at the time of program restart. The longer a program is suspended or delayed, the greater the cost of the suspension - both in additional costs and, in the case of the SmartMeterTM Program, lost benefits.

Furthermore, a program suspension introduces a number of "non-quantifiable" risks that would likely have an adverse affect on the SmartMeterTM Program upon re-start from a qualitative perspective. For example, the current Program Management Office (PMO) team and contractors have been working on the SmartMeterTM Program for several years and are familiar with the program control tools and procedures and understand

the dynamics of this complex program. During a program suspension, it is likely PG&E will lose some of its experienced PMO team and contractor management personnel. Upon re-start, the program management team will need to re-establish its processes and procedures and go through a new "learning curve" to get back to the level of quality performance the team is currently operating at considering the experience of the current PMO team and the maturity of the program. This situation would likely lead to additional program inefficiencies, risks and issues that naturally arise during the early phases of a complex capital program.

General Assumptions for Estimated Costs

For purposes of responding to this data request, PG&E has developed a series of simplifying assumptions to allow a mathematical calculation of estimated suspension costs under the three fixed scenarios set out by DRA. PG&E's assumptions regarding these calculations are summarized below.

- 1. The 3, 6 or 9 month suspension would begin June 1, 2010.
- 2. PG&E implements a full suspension of electric and gas SmartMeters™ (i.e., no additional meter deployment during suspension period).
- 3. The suspension does not ultimately result in the complete termination of the SmartMeter program, and SmartMeter™ deployment can resume after the suspension is over.
- PG&E will continue its IT spend on the SmartMeter™ project to implement SmartMeter™ functionality that allows PG&E to realize benefits as laid out in the original AMI filing.
- 5. The program suspension does not result in any program scope modifications.

The above general assumptions along with the additional detailed assumptions articulated in the following responses to this data request are subject to significant uncertainty and will be different in the event of an actual moratorium or program suspension due to contractual and other risk factors. At this time, it is not feasible to develop a comprehensive analysis and quantification of potential program delays, scope modifications, inefficiencies and/or program quality or performance risks that would likely result from a program suspension. Thus, for purposes of this data request response, PG&E has included limited, simplifying assumptions based on DRA's "duration-certain" suspension scenarios.

Responses

1. Please separately quantify, as best as PG&E is able, all the costs associated with suspending the AMI deployment for each of the following scenarios: (a)

Three- month moratorium, (b) Six-month moratorium, and (c) Nine-month moratorium.

Table 1 below summarizes the additional overall costs of a 3, 6 and 9-month moratorium. There are two potential scenarios that determine the overall costs.

Scenario 1

Employees from the workforce, PG&E's third-party SmartMeter™ meter/module installer, are retained on the project and asked to remain idle until the moratorium ends.

Scenario 2

Employees from the workforce, PG&E's third-party SmartMeter™ meter/module installer, are either dismissed or allocated to a different project.

Table 1
Summary of Impact of Suspension on Project Costs (\$000)

		Scenario 1		Scenario 2				
_	3-month	6-month	9-month	3-month	6-month	9amonth		
Cost	Suspension	Suspension	Suspension	Suspension	Suspension	Suspension		
Daily Labor								
Reimbursement				-	-	-		
Training/Recruiting		BICCOMPANIES						
Fees	-	<u>-</u>	-		2000			
Monthly Fees								
			,					
Extended PMO								
Operations	11,891	23,783	35,674	11,891	23,783	35,674		
Storage needs for								
Procurement								
Purchases	728	1,451	2,162	728	1,451	2,162		
Re-mobilization								
and Ramp-up								
Monthly Fees								
Network								
Installation					r			
	0.4	0.4	0.4		24	2.1		
Contract Negotiation	94_	94	94	94	94	94		
TOTAL	29,788	58,458	87,530	16,970	32,458	47,948		

- 2. For each scenario in Question #1, please separately itemize the following costs:
 - a. For each vendor contract, the suspension costs that PG&E is contractually obligated to pay for delaying the installation;

is PG&E's third-party SmartMeter™ meter/module installation
vendor. In the event of a moratorium, depending on the course of action
taken, PG&E may be obligated to pay for either (1) Labor Reimbursement
costs for standing down and retaining the current workforce or
(2) Employee Recruiting/Training fees for standing down and allowing the
release of the workforce.
this analysis assumes PG&E pays a separate
monthly fee during the moratorium. This is a monthly fee that PG&E

currently pays and it is assumed for this analysis that it will continue to be paid during a suspension of work.

employees are retained on the project and asked to remain idle until the moratorium ends.

this analysis assumes PG&E is contractually obligated to pay daily labor costs for each employee. The type of employee determines the daily labor rate.

Assumptions

Listed below are key assumptions made in calculating the costs for scenario (1) - payment of Labor Reimbursement costs:

- i. Employees are retained on the project and are asked to stand-down and remain idle indefinitely
- ii. 1 month = 20 labor days

Costs

The table below summarizes the Total costs of a 3, 6 or 9 month suspension for:

Scenario (1): Daily reimbursement of direct labor + Monthly fee costs

The detailed calculations behind the Total costs can be found in the attached Excel file: SM_DRA_01 and SM_ED_01_Supplemental-01-Attachment-01.xls

Length of Suspension	-	Total Costs
3-months	\$	
6-months	\$	
9-months	\$	

In scenario (2) employees are not retained on the project. They are either dismissed or allocated to a different project. In this case, it is assumed for purpose of analysis that PG&E is contractually obligated to pay for a Recruiting/Training fee for each employee when work resumes. The type of employee determines the Recruiting/Training fee.

Assumptions

Suspending the program will likely result in a loss of contractor labor workforce. Below are key assumptions made in calculating the costs for scenario (2) - payment of Employee Recruiting/Training fees:

- i. A 3-month suspension will result in a 60% loss of labor workforce that will require rehiring and retraining.
- ii. A 6-month suspension will result in an 80% loss of labor workforce that will require rehiring and retraining.
- iii. A 9-month suspension will result in a 100% loss of labor workforce that will require rehiring and retraining.

Costs

The table below summarizes the Total costs of a 3, 6 or 9 month suspension for:

Scenario (2): Payment of Training/Recruiting fees + Monthly fee costs

The detailed calculations behind the Total costs can be found in the attached Excel file: SM_DRA_01 and SM_ED_01_Supplemental-01-Attachment-02.xls

Length of Suspension	Total Costs			
3-months	\$			
6-months	\$	A Section 1		
9-months	\$	翻出水水道		

b. The costs of suspending the PG&E project management office operations;

As mentioned in general assumption #3 above, the suspension does not ultimately result in the complete termination of the SmartMeter program. During suspension, the AMI project management office would still need to be operational to oversee AMI processes outside of meter installation and activation (i.e., technology monitoring, risk reporting, customer outreach, vendor management, IT project Mgmt, etc.).

A moratorium on meter installation and activation however, would extend the anticipated duration of PMO operations. In current operations, the AMI PMO is expected to run through 2012. Any suspension of meter deployment would result in the PMO having to remain operational post-2012.

Suspending the program will extend the period of PMO operations, both for the assumed period of suspension and for subsequent program delays as a consequence of the program suspension.

Assumptions

Listed below are key assumptions made in calculating the costs of having to extend PMO operations:

- i. There is the risk that should PMO personnel be released from the project during the moratorium, the program may not be able to reacquire those released after the moratorium passes. To mitigate this risk, all PMO personnel will be retained and budgeted labor spend will remain the same for the large majority of costs during moratorium and ramp-up.
- Certain customer service and change management costs will not be eliminated but will be reduced by approximately 50% during moratorium and ramp-up.
- iii. Due to ramp-up after the moratorium period, a 3-month moratorium will extend the deployment schedule by an additional month, resulting in 4 months of additional PMO costs.
- iv. Due to ramp-up after the moratorium period, a 6-month moratorium will extend the deployment schedule by an additional 2 months, resulting in 8 months of additional PMO costs.
- v. Due to ramp-up after the moratorium period, a 9-month moratorium will extend the deployment schedule by an additional 3 months, resulting in 12 months of additional PMO costs.
- vi. The present value discount on future year PMO labor costs will offset any escalation of future year PMO labor costs.

<u>Costs</u>

The table below summarizes the total additional PMO costs resulting from a 3, 6 or 9 month moratorium. The detailed calculations behind the Total costs can be found in the attached Excel file: SM_DRA_01 and SM_ED_01_Supplemental-01-Attachment-03.xls

Length of Suspension	Tota	I Additional PMO Costs
3-months	\$	11,891,333
6-months	\$	23,782,667
9-months	\$	35,674,000

c. Possible loss of personnel knowledgeable about the project;

Per responses to question (2a) and (2b), only the loss of contractors would result in additional costs. PMO personnel are assumed to be retained through the moratorium.

See response under item (2a). The costs from the loss of contractors are the same as those in Scenario (2): Payment of Training/Recruiting fees + Monthly fee costs.

d. The costs related to suspending and re-starting the equipment supply chain;

In an event of a Smart Meter deployment suspension, this analysis assumes PG&E would not suspend its procurement purchases for the SmartMeter program. As such, PG&E would incur storage costs for its procurement purchases during the deployment suspension.

Assumptions

Below is a key assumption made in calculating PG&E's storage costs for its procured equipment:

i. This analysis assumes that PG&E will continue to acquire and take delivery of SmartMeter™ equipment during the suspension period in order to mitigate the various risks that would arise from interrupting the product supply chain and the that the equipment vendors require to fulfill equipment orders.

Costs

The table below summarizes the total storage costs for procurement purchases resulting from a 3, 6 or 9 month moratorium. The detailed calculations behind the Total costs can be found in the attached Excel file: SM_DRA_01 and SM_ED_01_Supplemental-01-Attachment-04.xls

Length of Suspension	Total Storage Costs
3-months	\$ 728,164
6-months	\$ 1,450,700
9-months	\$ 2,161,649

e. The costs for contractor re-mobilization and ramping up deployment;

Suspending the work of contractors would result in re-
mobilization and ramp-up costs. Similar to the response to question (2a)
above, ramp-up costs will depend on the course of action taken: either (1)
Retain the current workforce costs for standing down or (2)
Allow the release of the workforce.
Under the second scenario, program suspension will likely result in the
loss of a portion or all of the installation contractor's workforce and will
necessitate a period of time to rehire and retrain contractor workers.
Under either scenario, program suspension will also have an adverse
impact on the installation contractor's efficiency rate upon re-start of the
program

Assumptions for Scenario 1

Listed below are key assumptions made in calculating the re-mobilization and ramp-up costs for Scenario (1) Retain the current workforce.

i. The workforce will take 1 month to get back to the same efficiency rate at which it was working prior to suspension of work

Costs for Scenario 1

The table below summarizes the Total ramp-up costs of a 3, 6 or 9 month suspension for Scenario (1): Retain the current workforce

The detailed calculations behind the Total costs can be found in the attached Excel file: SM_DRA_01 and SM_ED_01_Supplemental-01-Attachment-05.xls

Length of Suspension	Total Costs	
3/6/9-months	S MANUFACTURE S	

<u>Assumptions for Scenario 2</u>

Listed below are key assumptions made in calculating the re-mobilization and ramp-up costs for Scenario (2) Allow the release of the workforce:

- i. A 3-month moratorium will extend the deployment schedule by an additional month due to ramp up.
- ii. A 6-month moratorium will extend the deployment schedule by an additional 2 months due to ramp up.
- iii. A 9-month moratorium will extend the deployment schedule by an additional 3 months due to ramp up.

Costs for Scenario 2

The table below summarizes the Total ramp-up costs of a 3, 6 or 9 month suspension for Scenario (2): Allow the release of the workforce.

The detailed calculations behind the Total costs can be found in the attached Excel file: SM_DRA_01 and SM_ED_01_Supplemental-01-Attachment-06.xls

Length of Suspension	T	otal Costs
3-months	\$	
6-months	\$	
9-months	\$	

f. Vendor inefficiency costs resulting from starting and stopping work;

See response under item (2e). Under this analysis, the vendor inefficiency costs from suspending the work of assumed to be the same as the ramp-up costs under item (2e)

g. Costs for renegotiating existing vendor contracts, if necessary;

Based on assumptions listed in this response, PG&E assumes a suspension of SmartMeter deployment would not necessitate the renegotiation of existing vendor contracts.

h. Costs for and negotiating new contracts if existing vendors should choose to leave the project during an extended suspension; and



Assumptions

Listed below are key assumptions made in calculating the competitive bid process and increased service costs:

- i. PG&E completes a 12 week "competitive bidding process" to and negotiate a new contract.
- iii. The rates on the new vendor contract will be higher than what was originally negotiated

Costs

The detailed calculations behind the Total costs can be found in the attached Excel file: SM_DRA_01 and SM_ED_01_Supplemental-01-Attachment-07.xls

Length of Suspension		Total Costs
3/6/9-months	S	SEEA SEEKS COM

i. Any other costs not listed above that PG&E believes should be included.

No additional costs have been identified as part of the analysis above. However, please refer to the "Introduction" and "General Assumptions for Estimated Costs" sections of this response for a discussion of uncertainties and unquantifiable costs in the event of a real suspension.

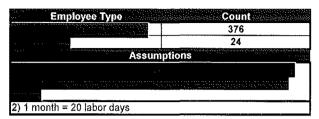
3. Please provide a list of all vendor contracts specifying: (a) The name of the contractor, (2) What the contract covers, and (3) Whether or not there are suspension or labor escalation costs built into the contract.

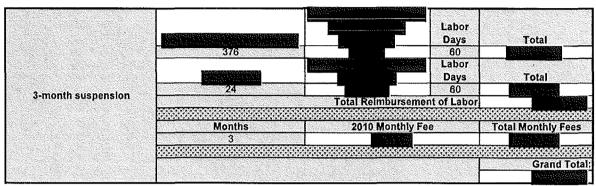
The list of all vendor contracts can be found in the attached Excel file: SM_DRA_01 and SM_ED_01_Supplemental-01-Attachment-08.xls

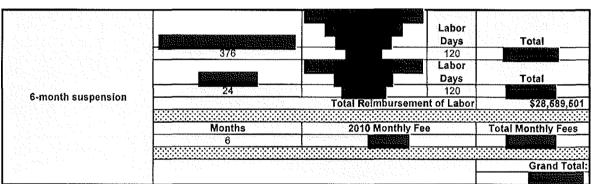
4. Provide excerpts from contract language specifying the costs incurred owing to suspending the project that are used in the calculations for Question #2 above.

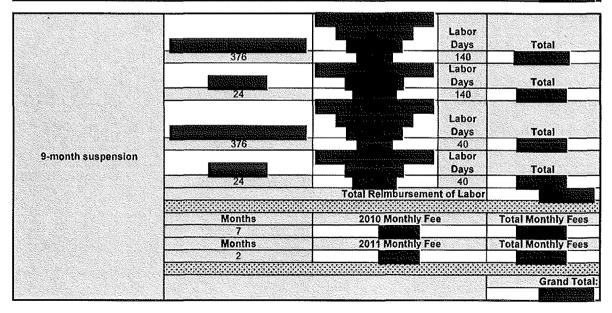
Please see attached Excel file: SM_DRA_01 and SM_ED_01_Supplemental-01-Attachment-08.xls

Daily Reimbursement of Labor + Monthly Fees









Recruiting/Training Costs + Monthly Fees

Assumption #1

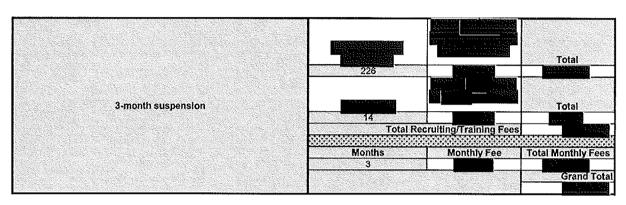
Employee Type	Count
	376
11 14 40 40 E	24
Total	400

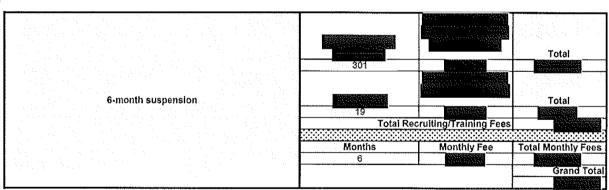
Assumption # 2

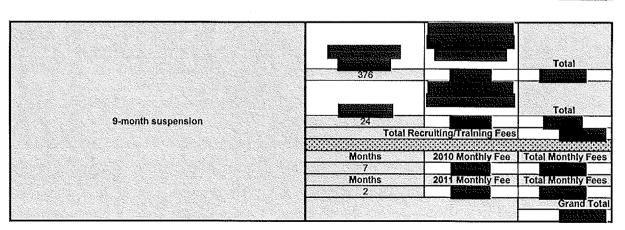
	400	# of returners
A STATE OF THE PROPERTY OF THE	40%	160
	20%	80
	0%	0

Assumption #3

- Too Stription is a		
		Rehires
	60%	240
	80%	320
	100%	400







PMO Costs

Summary - PMO Costs	S
Total PMO Costs - Current State	\$48,221,000
Total PMO Costs - 3 month Suspension	\$60,112,333
Total PMO Costs - 6 month Suspension	\$72,003,667
Total PMO Costs - 9 month Suspension	\$83,895,000
Difference in PMO Costs btwn Current	
State and 3 month Suspension	\$11,891,333
Difference In PMO Costs btwn Current	
State and 6 month Suspension	\$23,782,667
Difference in PMO Costs btwn Current	
State and 9 month Suspension	\$35,674,000

PMO Costs

Current State - PMO budgeted costs	Jun-2010	Jul-2010	Aug-2010	Sep-2010	Oct-2010	Nov-2010	Dec-2010	Jan-2011	Feb-2011	Mar-2011
Director's PMO PG&E labor Capital	160,750	160,750	160,750	160,750	160,750	160,750	160,750	145,667	145,667	145,667
Director's PMO PG&E labor Expense	19,500	19,500	19,500	19,500	19,500	19,500	19,500	-	· _	in,
Directors office Consulting - Cap	378,167	378,167	378,167	378,167	378,167	378,167	378,167	114,917	114,917	114,917
Director's Office Consulting-Exp	242,500	242,500	242,500	242,500	242,500	242,500	242,500	104,000	104,000	104,000
Director's Office Misc - Expense	167	167	167	167	167	167	167		-	-
Business Planning - PG&E Staff	59,500	59,500	59,500	59,500	59,500	59,500	59,500	58,750	58,750	58,750
Special Projects	37,417	37,417	37,417	37,417	37,417	37,417	37,417	***	-	-
PMO - Read2Bill Processes	190,667	190,667	190,667	190,667	190,667	190,667	190,667	-	-	•
PwC QA Reg Reporting	19,583	19,583	19,583	19,583	19,583	19,583	19,583	-	-	-
Field Delivery - Office Mgmt	54,417	54,417	54,417	54,417	54,417	54,417	54,417	47,250	47,250	47,250
Field Delivery - Strategic Relationships Labor	182,917	182,917	182,917	182,917	182,917	182,917	182,917	158,750	158,750	158,750
Field Delivery - Strategic Planning Labor	290,583	290,583	290,583	290,583	290,583	290,583	290,583	185,417	185,417	185,417
Field Delivery - Benefits Realization	105,833	105,833	105,833	105,833	105,833	105,833	105,833	111,333	111,333	111,333
Field Delivery - Engineering Solutions Labor	474,250	474,250	474,250	474,250	474,250	. 474,250	474,250	123,417	123,417	123,417
Engineering	385,667	385,667	385,667	385,667	385,667	385,667	385,667	-	-	-
Engineering QA - QC Capital	15,000	15,000	15,000	15,000	15,000	15,000	15,000	-	-	- '
Field Delivery Office Misc - Expense	20,250	20,250	20,250	20,250	20,250	20,250	20,250	~	-	-
Field Delivery - Office Misc - Capital	17,500	17,500	17,500	17,500	17,500	17,500	17,500	-	-	-
Customer - Communications Mgmt	117,000	117,000	117,000	117,000	117,000	117,000	117,000	62,500	62,500	62,500
Customer - Impact Staff	87,750	87,750	87,750	87,750	87,750	87,750	87,750	105,750	105,750	105,750
Customer - Service and Sales	167,250	167,250	167,250	167,250	167,250	167,250	167,250	127,500	127,500	127,500
Change Management - PG&E Labor	264,333	264,333	264,333	264,333	264,333	264,333	264,333	155,333	155,333	155,333
Total Monthly PMO Costs	\$ 3,291,000	\$ 3,291,000	\$3,291,000	\$ 3,291,000	\$3,291,000	\$ 3,291,000	\$ 3,291,000	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583
Total PMO Costs	\$ 48,221,000									
3 Month Suspension - PMO budgeted costs	Jun-2010	Jul-2010	A ug-2010	Sep-2010	Oct-2010	Nov-2010	Dec-2010	Jan-2011	Feb-2011	Mar-2011
Director's PMO PG&E labor Capital	160,750	160,750	160,750	160,750	160,750	160,750	160,750	160,750	160,750	160,750
Director's PMO PG&E labor Expense	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500
Directors office Consulting - Cap	378,167	378,167	378,167	378,167	378,167	378,167	378,167	378,167	378,167	378,167
Director's Office Consulting-Exp	242,500	242,500	242,500	242,500	242,500	242,500	242,500	242,500	242,500	242,500
Director's Office Misc - Expense	167	167	167	242,300 167	242,500 167	167	167	242,300 167	242,500 167	242,300 167
Business Planning - PG&E Staff	59,500	59,500	59.500	59,500	59,500	59,500	59,500	59,500	59.500	59,500
Special Projects	37,417	37,417	37,417	37,417	37,417	37.417	37,417	37,417	37,417	37,417
0,000ai 1 (0,000	01,417	01,711	017717	01,411	51,411	01,411	Ø7, 4 17	37,411	37 ₁ 417	57,717

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PMO - Read2Bill Processes	190,667	190.667	190,667	190,667	190,667	190,667	190,667	190,667	190,667	190,667
PwC QA Reg Reporting	19,583	19,583	19,583	19,583	19,583	19,583	19,583	19,583	19,583	19,583
Field Delivery - Office Mgmt	54,417	54,417	54,417	54,417	54,417	54,417	54,417	54,417	54,417	54,417
Field Delivery - Strategic Relationships Labor	182,917	182,917	182,917	182,917	182,917	182,917	182,917	182,917	182,917	182,917
Field Delivery - Strategic Planning Labor	290,583	290,583	290,583	290,583	290,583	290,583	290,583	290,583	290,583	290,583
Field Delivery - Benefits Realization	105,833	105,833	105,833	105,833	105,833	105,833	105,833	105,833	105,833	105,833
Field Delivery - Engineering Solutions Labor	474,250	474,250	474,250	474,250	474,250	474,250	474,250	474,250	474,250	474,250
Engineering	385,667	385,667	385,667	385,667	385,667	385,667	385,667	385,667	385,667	385,667
Engineering QA - QC Capital	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
Field Delivery Office Misc - Expense	20,250	20,250	20,250	20,250	20,250	20,250	20,250	20,250	20,250	20,250
Field Delivery - Office Misc - Capital	17,500	17,500	17,500	17,500	17.500	17,500	17,500	17,500	17,500	17,500
Customer - Communications Mgmt	58,500	58,500	58,500	58,500	117,000	117,000	117,000	117,000	117,000	117,000
Customer - Impact Staff	43,875	43,875	43,875	43,875	87,750	87,750	87,750	87,750	87,750	87,750
Customer - Service and Sales	83,625	83,625	83,625	83,625	167,250	167,250	167,250	167,250	167,250	167,250
Change Management - PG&E Labor	132,167	132,167	132,167	132,167	264,333	264,333	264,333	264,333	264,333	264,333
orlange management 1 doi: Labor	102,101	102,107	102,107	102,101	204,000	204,000	204,000	204,000	204,000	204,000
Total Monthly PMO Costs	\$ 2,972,833	\$ 2,972,833	\$ 2,972,833	\$ 2,972,833	\$3,291,000	\$ 3,291,000	\$ 3,291,000	\$ 3,291,000	\$3,291,000	\$ 3,291,000
Total PMO Costs	\$ 60,112,333									
6 Month Suspension - PMO budgeted costs	Jun-2010	Jul-2010	Aug-2010	Sep-2010	Oct-2010	Nov-2010	Dec-2010	Jan-2011	Feb-2011	Mar-2011
Director's PMO PG&E labor Capital	160,750	160,750	160,750	160,750	160,750	160,750	160,750	160,750	160,750	160,750
Director's PMO PG&E labor Expense	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500
Directors office Consulting - Cap	378,167	378,167	378,167	378,167	378,167	378,167	378,167	378,167	378,167	378,167
Director's Office Consulting-Exp	242,500	242,500	242,500	242,500	242,500	242,500	242,500	242,500	242,500	242,500
Director's Office Misc - Expense	167	167	167	167	167	167	167	167	167	167
Business Planning - PG&E Staff	59,500	59,500	59,500	59,500	59,500	59,500	59,500	59,500	59,500	59,500
Special Projects	37,417	37,417	37,417	37,417	37,417	37,417	37,417	37,417	37,417	37,417
PMO - Read2Bill Processes	190,667	190,667	190,667	190,667	190,667	190,667	190,667	190,667	190,667	190,667
PwC QA Reg Reporting	19,583	19,583	19,583	19,583	19,583	19,583	19,583	19,583	19,583	19,583
			10,000	10,000	10,000	,,,,,,,				54 445
Field Delivery - Office Mgmt	54,417	54,417	54,417	54,417	54,417	54,417	54,417	54,417	54,417	54,417
Field Delivery - Office Mgmt Field Delivery - Strategic Relationships Labor		,	•					54,417 182,917	54,417 182,917	54,417 182,917
, -	54,417	54,417	54,417	54,417	54,417	54,417	54,417			
Field Delivery - Strategic Relationships Labor	54,417 182,917	54,417 182,917	54,417 182,917	54,417 182,917	54,417 182,917	54,417 182,917	54,417 182,917	182,917	182,917	182,917
Field Delivery - Strategic Relationships Labor Field Delivery - Strategic Planning Labor	54,417 182,917 290,583	54,417 182,917 290,583	54,417 182,917 290,583	54,417 182,917 290,583	54,417 182,917 290,583	54,417 182,917 290,583	54,417 182,917 290,583	182,917 290,583	182,917 290,5 8 3	182,917 290,5 83
Field Delivery - Strategic Relationships Labor Field Delivery - Strategic Planning Labor Field Delivery - Benefits Realization Field Delivery - Engineering Solutions Labor Engineering	54,417 182,917 290,583 105,833	54,417 182,917 290,583 105,833	54,417 182,917 290,583 105,833	54,417 182,917 290,583 105,833	54,417 182,917 290,583 105,833	54,417 182,917 290,583 105,833	54,417 182,917 290,583 105,833	182,917 290,583 105,833	182,917 290,583 105,833	182,917 290,5 83 105,833
Field Delivery - Strategic Relationships Labor Field Delivery - Strategic Planning Labor Field Delivery - Benefits Realization Field Delivery - Engineering Solutions Labor Engineering Engineering QA - QC Capital	54,417 182,917 290,583 105,833 474,250	54,417 182,917 290,583 105,833 474,250	54,417 182,917 290,583 105,833 474,250	54,417 182,917 290,583 105,833 474,250	54,417 182,917 290,583 105,833 474,250	54,417 182,917 290,583 105,833 474,250	54,417 182,917 290,583 105,833 474,250	182,917 290,583 105,833 474,250	182,917 290,583 105,833 474,250	182,917 290,5 83 105,833 474,250
Field Delivery - Strategic Relationships Labor Field Delivery - Strategic Planning Labor Field Delivery - Benefits Realization Field Delivery - Engineering Solutions Labor Engineering Engineering QA - QC Capital Field Delivery Office Misc - Expense	54,417 182,917 290,583 105,833 474,250 385,667	54,417 182,917 290,583 105,833 474,250 385,667	54,417 182,917 290,583 105,833 474,250 385,667	54,417 182,917 290,583 105,833 474,250 385,667	54,417 182,917 290,583 105,833 474,250 385,667	54,417 182,917 290,583 105,833 474,250 385,667	54,417 182,917 290,583 105,833 474,250 385,667	182,917 290,583 105,833 474,250 385,667	182,917 290,583 105,833 474,250 385,667	182,917 290,5 83 105,833 474,250 385,667
Field Delivery - Strategic Relationships Labor Field Delivery - Strategic Planning Labor Field Delivery - Benefits Realization Field Delivery - Engineering Solutions Labor Engineering Engineering QA - QC Capital Field Delivery Office Misc - Expense Field Delivery - Office Misc - Capital	54,417 182,917 290,583 105,833 474,250 385,667 15,000 20,250 17,500	54,417 182,917 290,583 105,833 474,250 385,667 15,000	54,417 182,917 290,583 105,833 474,250 385,667 15,000	54,417 182,917 290,583 105,833 474,250 385,667 15,000	54,417 182,917 290,583 105,833 474,250 385,667 15,000	54,417 182,917 290,583 105,833 474,250 385,667 15,000	54,417 182,917 290,583 105,833 474,250 385,667 15,000	182,917 290,583 105,833 474,250 385,667 15,000	182,917 290,583 105,833 474,250 385,667 15,000	182,917 290,583 105,833 474,250 385,667 15,000
Field Delivery - Strategic Relationships Labor Field Delivery - Strategic Planning Labor Field Delivery - Benefits Realization Field Delivery - Engineering Solutions Labor Engineering Engineering QA - QC Capital Field Delivery Office Misc - Expense	54,417 182,917 290,583 105,833 474,250 385,667 15,000 20,250	54,417 182,917 290,583 105,833 474,250 385,667 15,000 20,250	54,417 182,917 290,583 105,833 474,250 385,667 15,000 20,250	54,417 182,917 290,583 105,833 474,250 385,667 15,000 20,250	54,417 182,917 290,583 105,833 474,250 385,667 15,000 20,250	54,417 182,917 290,583 105,833 474,250 385,667 15,000 20,250	54,417 182,917 290,583 105,833 474,250 385,667 15,000 20,250	182,917 290,583 105,833 474,250 385,667 15,000 20,250	182,917 290,583 105,833 474,250 385,667 15,000 20,250	182,917 290,583 105,833 474,250 385,667 15,000 20,250

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Customer - Service and Sales Change Management - PG&E Labor	83,625 132,167	83 ,625 132,167	83,625 132,167	83,625 132,167	83,625 132,167	83,625 132,167	83,625 132,167	83,625 132,167	167,250 264,333	167,250 264,333
Total Monthly PMO Costs	\$ 2,972,833	\$ 2,972,833	\$ 2,972,833	\$ 2,972,833	\$ 2,972,833	\$ 2,972,833	\$ 2,972,833	\$ 2,972,833	\$3,291,000	\$ 3,291,000
Total PMO Costs	\$ 72,003,667									
9 Month Suspension - PMO budgeted costs	Jun-2010	Jul-2010	Aug-2010	Sep-2010	Oct-2010	Nov-2010	Dec-2010	Jan-2011	Feb-2011	Mar-2011
Director's PMO PG&E labor Capital	160,750	160,750	160,750	160,750	160,750	160,750	160,750	160,750	160,750	160,750
Director's PMO PG&E labor Expense	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500
Directors office Consulting - Cap	378,167	378,167	378,167	378,167	378,167	378,167	. 378,167	378,167	378,167	378,167
Director's Office Consulting-Exp	242,500	242,500	242,500	242,500	242,500	242,500	242,500	242,500	242,500	242,500
Director's Office Misc - Expense	167	167	167	167	167	167	167	167	167	167
Business Planning - PG&E Staff	59,500	59,500	59,500	59,500	59,500	59,500	59,500	59,500	59,500	59,500
Special Projects	37,417	37,417	37,417	37,417	37,417	37,417	37,417	37,417	37,417	37,417
PMO - Read2Bill Processes	190,667	190,667	190,667	190,667	190,667	190,667	190,667	190,667	190,667	190,667
PwC QA Reg Reporting	19,583	19,583	19,583	19,583	19,583	19,583	19,583	19,583	19,583	19,583
Field Delivery - Office Mgmt	54,4 1 7	54,417	54,417	54,417	54,417	54,417	54,417	54,417	54,417	54,417
Field Delivery - Strategic Relationships Labor	182,917	182,917	182,917	182,917	182,917	182,917	182,917	182,917	182,917	182,917
Field Delivery - Strategic Planning Labor	290,583	290,583	290,583	290,583	290,583	290,583	290,583	290,583	290,583	290,583
Field Delivery - Benefits Realization	105,833	105,833	105,833	105,833	105,833	105,833	105,833	105,833	105,833	105,833
Field Delivery - Engineering Solutions Labor	474,250	474,250	474,250	474,250	474,250	474,250	474,250	474,250	474,250	474,250
Engineering	385,667	385,667	385,667	385,667	385,667	385,667	385,667	385,667	385,667	385,667
Engineering QA - QC Capital	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
Field Delivery Office Misc - Expense	20,250	20,250	20,250	20,250	20,250	20,250	20,250	20,250	20,250	20,250
Field Delivery - Office Misc - Capital	17,500	17,500	17,500	17,500	17,500	17,500	17,500	17,500	17,500	17,500
Customer - Communications Mgmt	58,500	58,500	58,500	58,500	58,500	58,500	58,500	58,500	58,500	58,500
Customer - Impact Staff	43,875	43,875	43,8 75	43,875	43,875	43,875	43,875	43,875	43,875	43,875
Customer - Service and Sales	83,625	83,625	83,625	83,625	83,625	83,625	83,625	83,625	83,625	83,625
Change Management - PG&E Labor	132,167	132,167	132,167	132,167	132,167	132,167	132,167	132,167	132,167	132,167
Total Monthly PMO Costs	\$ 2,972,833	\$ 2,972,833	\$ 2,972,833	\$ 2,972,833	\$ 2,972,833	\$ 2,972,833	\$ 2,972,833	\$ 2,972,833	\$ 2,972,833	\$ 2,972,833
Total PMO Costs	\$ 83,895,000									

PMO Costs

Current State - PMO budgeted costs Director's PMO PG&E labor Capital	Apr-2011 145,667	May-2011 145,667	Jun-2011 145,667	Jul-2011 145,667	Aug-2011 145,667	Sep-2011 145,667	Oct-2011 145,667	Nov-2011 145,667	Dec-2011 145,667	Jan-2012 73,000	Feb-2012 73,000
Director's PMO PG&E labor Expense	-	-	-	~	-	-	-	-	-		~
Directors office Consulting - Cap	114,917	114,917	114,917	114,917	114,917	114,917	114,917	114,917	114,917	57,417	57,417
Director's Office Consulting-Exp	104,000	104,000	104,000	104,000	104,000	104,000	104,000	104,000	104,000	38,750	38,750
Director's Office Misc - Expense	-	-	-	-	-	-	-	-	-	-	-
Business Planning - PG&E Staff	58,750	58,750	58,750	58,750	58,750	58,750	58,750	58,750	58,750	29,417	29,417
Special Projects	*	=	-	-	-	-	H	-	-	-	-
PMO - Read2Bill Processes	-	-	-	-		-	-	-	-	-	-
PwC QA Reg Reporting	-	-	-	-	-	-	-	-	*	-	-
Field Delivery - Office Mgmt	47,250	47,250	47,250	47,250	47,250	47,250	47,250	47,250	47,250	23,667	23,667
Field Delivery - Strategic Relationships Labor	158,750	158,750	158,750	15 8 ,750	158,750	158,750	158,750	158,750	158,750	-	. •
Field Delivery - Strategic Planning Labor	185,417	185,417	185,417	185,417	185,417	185,417	185,417	185,417	185, 4 17	82,917	82,917
Field Delivery - Benefits Realization	111,333	111,333	111,333	111,333	111,333	111,333	111,333	111,333	111,333	68,250	68,250
Field Delivery - Engineering Solutions Labor	123,417	123,417	123,417	123,417	123,417	123,417	123,417	123,417	123,417	4 5, 6 67	45,667
Engineering	-	-	-	-	-	~	•	H	-	-	-
Engineering QA - QC Capital	-	=	-	-	-	-	~	~	-	-	-
Field Delivery Office Misc - Expense	-	-	-	-	-	-	-	_	-	-	-
Field Delivery - Office Misc - Capital	-	-	-	-	-	-	~	-	-	-	-
Customer - Communications Mgmt	62,500	62,500	62,500	62,500	62,500	62,500	62,500	62,500	62,500	25,000	25,000
Customer - Impact Staff	105,750	105,750	105,750	105,750	105,750	105,750	105,750	105,750	105,750	52,917	52,917
Customer - Service and Sales	127,500	127,500	127,500	127,500	127,500	127,500	127,500	127,500	127,500	64,583	64,583
Change Management - PG&E Labor	155,333	155,333	155,333	155,333	155,3 3 3	155,333	155,333	155,333	155,333	36,500	36,500
Total Monthly PMO Costs	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 598,083	\$ 598,083
Total PMO Costs											
3 Month Suspension - PMO budgeted costs	Apr-2011	May-2011	Jun-2011	Jul-2011	Aug-2011	Sep-2011	Oct-2011	Nov-2011	Dec-2011	Jan-2012	Feb-2012
Director's PMO PG&E labor Capital	160,750	145.667	145,667	145,667	145,667	145.667	145,667	145,667	145,667	145,667	145,667
Director's PMO PG&E labor Expense	19,500	-	-			-	-			-	-
Directors office Consulting - Cap	378,167	114,917	114,917	114,917	114,917	114,917	114,917	114,917	114,917	114,917	114,917
Director's Office Consulting-Exp	242,500	104,000	104,000	104,000	104,000	104,000	104,000	104,000	104,000	104,000	104.000
Director's Office Misc - Expense	167		_	-					1,	#	-
Business Planning - PG&E Staff	59,500	58,750	58,750	58,750	58,750	58,750	58,750	58,750	58,750	58,750	58,750
Special Projects	37,417	· <u></u>	-	_	, <u> </u>	-	-	-	-	_	-

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Field Delivery - Engineering Solutions Labor

Engineering QA - QC Capital

Customer - Impact Staff

Field Delivery Office Misc - Expense

Field Delivery - Office Misc - Capital

Customer - Communications Mgmt

Engineering

474,250

385,667

15,000

20,250

17,500

117,000

87,750

474,250

385,667

15,000

20,250

17,500

117,000

87,750

474,250

385,667

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20,250

17,500

117,000

87,750

PMO - Read2Bill Processes	190,667	_	_	-	_		_			_	_
PwC QA Reg Reporting	19,583	_	-	_	•	_	pa.	_	-	-	-
Field Delivery - Office Mamt	54,417	47,250	47,250	47,250	47,250	47,250	47,250	47,250	47,250	47,250	47,250
Field Delivery - Strategic Relationships Labor	182,917	158,750	158,750	158.750	158,750	158.750	158,750	158,750	158,750	158,750	158,750
Field Delivery - Strategic Planning Labor	290,583	185,417	185,417	185.417	185,417	185,417	185,417	185,417	185,417	185,417	185,417
Field Delivery - Benefits Realization	105,833	111,333	111,333	111,333	111,333	111,333	111,333	111,333	111,333	111,333	111,333
Field Delivery - Engineering Solutions Labor	474,250	123,417	123,417	123,417	123,417	123,417	123,417	123,417	123,417	123,417	123,417
Engineering	385,667	· <u>-</u>	-	-	-	-	-	-	-	,,	,
Engineering QA - QC Capital	15,000	-	-	-	-		-	-	-	-	-
Field Delivery Office Misc - Expense	20,250		-		_	_	_	_	_	_	
Field Delivery - Office Misc - Capital	17,500		-	-	-	-	-	-	_	_	_
Customer - Communications Mgmt	117,000	62,500	62,500	62,500	62,500	62,500	62,500	62,500	62,500	62,500	62,500
Customer - Impact Staff	87,750	105,750	105,750	105,750	105,750	105,750	105,750	105,750	105,750	105,750	105,750
Customer - Service and Sales	167,250	127,500	127,500	127,500	127,500	127,500	127,500	127,500	127,500	127,500	127,500
Change Management - PG&E Labor	264,333	155,333	155,333	155,333	155,333	155,333	155,333	155,333	155,333	155,333	155,333
Total Monthly PMO Costs	\$ 3,291,000	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583
Total PMO Costs											
C Manth Commencian DNO toutout advanta	40044	May 0044	t 0044	1.10044			5 1 0011				
6 Month Suspension - PMO budgeted costs	Apr-2011	May-2011	Jun-2011	Jul-2011	Aug-2011	Sep-2011	Oct-2011	Nov-2011	Dec-2011	Jan-2012	Feb-2012
Director's PMO PG&E labor Capital	160,750	160,750	160,750	160,750	160,750	145,667	145,667	145,667	145,667	145,667	145,667
Director's PMO PG&E labor Expense	19,500	19,500	19,500	19,500	19,500		4440477	4440477	444047		-
Directors office Consulting - Cap	378,167	378,167	378,167	378,167	378,167	114,917	114,917	114,917	114,917	114,917	114,917
Director's Office Consulting-Exp	242,500	242,500	242,500	242,500	242,500	104,000	104,000	104,000	104,000	104,000	104,000
Director's Office Misc - Expense Business Planning - PG&E Staff	167	167	167	167	167					-	
Special Projects	59,500	59,500	59,500	59,500	59,500	58,750	58,750	58,750	58,750	58,750	58,750
PMO - Read2Bill Processes	37,417	37,417	37,417	37,417	37,417	_	=	-	-	-	-
PwC QA Reg Reporting	190,667 19,583	190,667 19,583	190,667	190,667	190,667	•	~		-	-	-
		•	19,583	19,583	19,583	47.050	47.050	47.050	-	-	-
Field Delivery - Office Mgmt	54,417	54,417	54,417	54,417	54,417	47,250	47,250	47,250	47,250	47,250	47,250
Field Delivery - Strategic Relationships Labor	182,917	182,917	182,917	182,917	182,917	158,750	158,750	158,750	158,750	158,750	158,750
Field Delivery - Strategic Planning Labor Field Delivery - Benefits Realization	290,583	290,583	290,583	290,583	290,583	185,417	185,417	185,417	185,417	185,417	185,417
Field Delivery - Deficits Realization	105,833	105,833	105,833	105,833	105,833	111,333	111,333	111,33 3	111,333	111,333	111,333

474,250

385,667

15,000

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17,500

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87,750

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105,750

123,417

62,500

105,750

123,417

62,500

105,750

123,417

62,500

105,750

Customer - Service and Sales Change Management - PG&E Labor	167,250 264,333	167,250 264,333	167,250 264,333	167,250 264,333	167,250 264,333	127,500 155,333	127,500 155,333	127,500 155,333	127,500 155,333	127,500 155,333	127,500 155,333
Total Monthly PMO Costs	\$3,291,000	\$3,291,000	\$3,291,000	\$ 3,291,000	\$3,291,000	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583
Total PMO Costs											
9 Month Suspension - PMO budgeted costs	Apr-2011	May-2011	Jun-2011	Jul-2011	Aug-2011	Sep-2011	Oct-2011	Nov-2011	Dec-2011	Jan-2012	Feb-2012
Director's PMO PG&E labor Capital	160,750	160,750	160,750	160,750	160,750	160,750	160,750	160,750	160,750	145,667	145,667
Director's PMO PG&E labor Expense	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	-	-
Directors office Consulting - Cap	378,167	378,167	378,167	37 8 ,167	378,167	378,167	378,167	378,167	378,167	114,917	114,917
Director's Office Consulting-Exp	242,500	242,500	242,500	242,500	242,500	242,500	242,500	242,500	242,500	104,000	104,000
Director's Office Misc - Expense	167	167	167	167	167	167	167	167	167	-	-
Business Planning - PG&E Staff	59,500	59,500	59,500	59,500	59,500	59,500	59,500	59,500	59,500	58,750	58,750
Special Projects	37,417	37,417	37,417	37,417	37,417	37,417	37,417	37,417	37,417	-	-
PMO - Read2Bill Processes	190,667	190,667	190,667	190,667	190,667	190,667	190,667	190,667	190,667	_	Ħ
PwC QA Reg Reporting	19,583	19,583	19,583	19,583	19,583	19,583	19,583	19,583	19,583	-	-
Field Delivery - Office Mgmt	54,417	54,417	54,417	54,417	54,417	54,417	54,417	54,417	54,417	47,250	47,250
Field Delivery - Strategic Relationships Labor	182,917	182,917	182,917	182,917	182,917	182,917	182,917	182,917	182,917	158,750	158,750
Field Delivery - Strategic Planning Labor	290,583	290,583	290,583	290,583	290,583	290,583	290,583	290,583	290,583	185,417	185,417
Field Delivery - Benefits Realization	105,833	105,833	105,833	105,833	105,833	105,833	105,833	105,833	105,833	111,333	111,333
Field Delivery - Engineering Solutions Labor	474,250	474,250	474,250	474,250	474,250	474,250	474,250	474,250	474,250	123,417	123,417
Engineering	385,667	385,667	385,667	385,667	385,667	385,667	385,667	385,667	385,667	-	~
Engineering QA - QC Capital	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	-	-
Field Delivery Office Misc - Expense	20,250	20,250	20,250	20,250	20,250	20,250	20,250	20,250	20,250		~
Field Delivery - Office Misc - Capital	17,500	17,500	17,500	17,500	17,500	17,500	17,500	17,500	17,500	-	-
Customer - Communications Mgmt	58,500	58,500	117,000	117,000	117,000	117,000	117,000	117,000	117,000	62,500	62,500
Customer - Impact Staff	43,875	43,875	87,750	87,750	87,750	87,750	87,750	87,750	87,750	105,750	105,750
Customer - Service and Sales	83,625	83,625	167,250	167,250	167,250	167,250	167,250	167,250	167,250	127,500	127,500
Change Management - PG&E Labor	132,167	132,167	264,333	264,333	264,333	264,333	264,333	264,333	264,333	155,333	155,333
Total Monthly PMO Costs	\$ 2,972,833	\$ 2,972,833	\$3,291,000	\$3,291,000	\$ 3,291,000	\$3,291,000	\$3,291,000	\$3,291,000	\$ 3,291,000	\$ 1,500,583	\$ 1,500,583

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Total PMO Costs

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Current State - PMO budgeted costs Director's PMO PG&E labor Capital	Mar-2012 73,000	Apr-2012 73,000	May-2012 73,000	Jun-2012 73,000	Jul-2012 73,000	Aug-2012 73,000	Sep-2012 73,000	Oct-2012 73,000	Nov-2012 73,000	Dec-2012 73,000	Jan-2013
Director's PMO PG&E labor Expense Directors office Consulting - Cap	- 57 447	E7 447	- 57 447	# # 44 P	57 447	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	- 	- 	F7 447	- -	
• •	57,417	57,417	57,417	57,417	57,417	57,417	57,417	57,417	57,417	57,417	
Director's Office Consulting-Exp	38,750	38,750	38,750	38,750	38,750	38,750	38,750	38,750	38,750	38,750	
Director's Office Misc - Expense	20 447	-	00.447	00.447		20 447	20.447			00.447	
Business Planning - PG&E Staff Special Projects	29,417	29,417	29,417	29,417	29,417	29,417	29,417	29,417	29,417	29,417	
PMO - Read2Bill Processes	-	-	-	-	-	-	-	-	-	-	
PwC QA Reg Reporting	-	_	-	-	-	-	_	-	-	-	
Field Delivery - Office Mgmt	23,667	23,667	23,667	22 667	23,667	92 667	200 007	00.007	00.007	00.007	
Field Delivery - Office hight		23,667	23,567	23,667	23,007	23,667	23,667	23,667	23,667	23,667	
Field Delivery - Strategic Relationships Labor	82,917	82,917	82,917	82.917	82,917	82. 9 17	82,917	82,917	- 82,917	82,917	
Field Delivery - Strategic Flamming Labor	68,250	68,250	68,250	68,250	68,250	68,250	68,250	68,250	68,250	68,250	
Field Delivery - Benefits Realization Field Delivery - Engineering Solutions Labor	45,667	45,667	45,667	45,667	45,667	45,667	45,667	45,667	66,∠50 45,667	45,667	
Engineering	45,007	45,007	45,667	45,667	45,667	40,007	45,007	45,007	45,667	45,667	
Engineering QA - QC Capital	_	_	-	-	-	-	<u>-</u>	-	-	-	
Field Delivery Office Misc - Expense	_	-	-	_	-	_	-		•	-	
Field Delivery - Office Misc - Capital	_	_	_	-	_	-	_	-	-	-	
Customer - Communications Mgmt	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25.000	
Customer - Impact Staff	52,917	52,917	52,917	52,917	52,917	52,917	52,917	52.917	52,917	52,917	
Customer - Service and Sales	64,583	64,583	64,583	64,583	64,583	64.583	64,583	64,583	64,583	64,583	
Change Management - PG&E Labor	36,500	36,500	36,500	36,500	36,500	36,500	36,500	36,500	36,500	36,500	
Shange Management - 1 Ode Labor	35,550	00,000	30,300	30,300	30,300	30,500	30,300	30,300	30,300	30,300	
Total Monthly PMO Costs	\$ 598,083 \$	598,083	\$ 598,083	\$ 598,083	\$ 598,083	\$ 598,083	\$ 598,083	\$ 598,083	\$ 598,083	\$ 598,083	\$ -
Total PMO Costs											
3 Month Suspension - PMO budgeted costs	Mar-2012	Apr-2012	May-2012	Jun-2012	Jul-2012	Aug-2012	Sep-2012	Oct-2012	Nov-2012	Dec-2012	Jan-2013
Director's PMO PG&E labor Capital	145,667	145,667	73,000	73,000	73,000	73,000	73,000	73.000	73,000	73,000	73,000
Director's PMO PG&E labor Expense	-	-	-	. 0,200	, 0,000		-	, 5,555	. 0,000	, 0,000	, 0,000
Directors office Consulting - Cap	114.917	114,917	57,417	57,417	57,417	57,417	57,417	57.417	57,417	57,417	57,417
Director's Office Consulting-Exp	104,000	104,000	38,750	38,750	38,750	38,750	38,750	38,750	38,750	38,750	38,750
Director's Office Misc - Expense		·- ·	-			,	4	-		-	,,
Business Planning - PG&E Staff	58,750	58,750	29,417	29,417	29,417	29,417	29,417	29,417	29,417	29,417	29,417
Special Projects	-	-	-	· -		-	-		· -	, <u> </u>	-

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Field Delivery - Engineering Solutions Labor

Engineering QA - QC Capital Field Delivery Office Misc - Expense Field Delivery - Office Misc - Capital Customer - Communications Mgmt

Customer - Impact Staff

Engineering

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PMO - Read2Bill Processes	_	-		-	-	-	~	_	-	-	-
PwC QA Reg Reporting	-	_	~	-	-	•		-		_	-
Field Delivery - Office Mgmt	47,250	47,250	23,667	23.667	23,667	23,667	23,667	23,667	23,667	23,667	23,667
Field Delivery - Strategic Relationships Labor	158,750	158,750	· -	· <u>-</u>		, <u> </u>	· - -		-	_	· •
Field Delivery - Strategic Planning Labor	185,417	185,417	82,917	82.917	82,917	82.917	82,917	82,917	82,917	82,917	82,917
Field Delivery - Benefits Realization	111,333	111,333	68,250	68,250	68,250	68,250	68,250	68,250	68,250	68,250	68,250
Field Delivery - Engineering Solutions Labor	123,417	123,417	45,667	45,667	45,667	45,667	45,667	45,667	45,667	45,667	45,667
Engineering	<u>.</u>	-	_	, -	-	`-	· •	~			· -
Engineering QA - QC Capital	-	-	-	-	-	-	~	-	-	-	-
Field Delivery Office Misc - Expense	-	-	-		~	-	~	-	_	-	-
Field Delivery - Office Misc - Capital	_	_	~	-	-	-	-	-	-	_	-
Customer - Communications Mgmt	62,500	62,500	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Customer - Impact Staff	105,750	105,750	52,917	52,917	52,917	52,917	52,917	52,917	52,917	52,917	52,917
Customer - Service and Sales	127,500	127,500	64,583	64,583	64,583	64,583	64,583	64,583	64,583	64,583	64,583
Change Management - PG&E Labor	155,333	155,333	36,500	36,500	36,500	36,500	36,500	36,500	36,500	36,500	36,500
Total Monthly PMO Costs	\$ 1,500,583	\$ 1,500,583	\$ 598,083	\$ 598,083	\$ 598,083	\$ 598,083	\$ 598,083	\$ 598,083	\$ 598,083	\$ 598,083	\$ 598,083
Total PMO Costs											
6 Month Suspension - PMO budgeted costs	Mar-2012	Apr-2012	May 0040	Jun-2012	1.1.0040	A 0040	D 0040	0-4-0040	N 0040	D = 0040	1 0040
Director's PMO PG&E labor Capital	145,667	145,667	May-2012 145,667	145,667	Jul-2012 145,667	Aug-2012 145,667	Sep-2012	Oct-2012 73,000	Nov-2012	Dec-2012 73,000	Jan-2013
Director's PMO PG&E labor Expense	143,667	143,667	145,667	145,567	145,007	145,667	73,000	73,000	73,000	73,000	73,000
Directors office Consulting - Cap	114,917	114,917	114,917	114,917	114,917	114,917	57, 4 17	57,417	57,417	57,417	57,417
Director's Office Consulting-Exp	104,000	104,000	104,000	104,000	104,000	104,000	38,750	38,750	38,750	38,750	38,750
Director's Office Misc - Expense	104,000	104,000		104,000	704,000	104,000	30,730	30,730	30,730	30,730	30,730
Business Planning - PG&E Staff	58,750	58,750	58,750	58,750	58,750	58,750	29,417	29,417	29,417	29,417	29,417
Special Projects	-	-	50,700	50,700	30,735	20,730	20,417	20,417	20,717	20,417	20,417
PMO - Read2Bill Processes	-	_	_		-	_	_	_	_		_
PwC QA Reg Reporting	_	-	-		-	-	_	_	-	-	_
Field Delivery - Office Mgmt	47,250	47,250	47,250	47,250	47,250	47,250	23,667	23,667	23,667	23,667	23,667
Field Delivery - Strategic Relationships Labor	158,750	158,750	158,750	158,750	158,750	158,750			,		
Field Delivery - Strategic Planning Labor	185,417	185,417	185,417	185,417	185,417	185,417	82,917	82,917	82,917	82,917	82,917
Field Delivery - Benefits Realization	111,333	111,333	111,333	111,333	111,333	111,333	68,250	68,250	68,250	68,250	68,250
erting by the control of the control											,

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Customer - Service and Sales Change Management - PG&E Labor	127,500 155,333	127,500 155,333	127,500 155,333	127,500 155,333	127,500 155,3 3 3	127,500 155,333	64,583 36,500	64,583 36,500	64,583 36,500	64,583 36,500	64,5 8 3 36,500
Total Monthly PMO Costs	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 598,083	\$ 598,083	\$ 598,083	\$ 598,083	\$ 598,083
Total PMO Costs											
9 Month Suspension - PMO budgeted costs Director's PMO PG&E labor Capital	Mar-2012 145,667	Apr-2012 145,667	May-2012 145,667	Jun-2012 145,667	Jul-2012 145,667	Aug-2012 145,667	Sep-2012 145,667	Oct-2012 145,667	Nov-2012 145,667	Dec-2012 145.667	Jan-2013 73,000
Director's PMO PG&E labor Expense	-	7,0,50,		-		-,-,,-	-	-	.,0,00,	1,0,001	-
Directors office Consulting - Cap	114,917	114,917	114,917	114,917	114,917	114,917	114,917	114,917	114,917	114,917	57,417
Director's Office Consulting-Exp	104,000	104,000	104,000	104,000	104,000	104,000	104,000	104,000	104,000	104,000	38,750
Director's Office Misc - Expense	*	-	-	-	-	-	-	-	-	-	-
Business Planning - PG&E Staff	58,750	58,750	58,750	58,750	58,750	58,750	58,750	58,750	58,750	58,750	29,417
Special Projects	-	-	-	-	-	-	-	-	-	•	-
PMO - Read2Bill Processes	-	-	-	-	-	-	-	-	-	-	*
PwC QA Reg Reporting						-				<u>-</u>	
Field Delivery - Office Mgmt	47,250	47,250	47,250	47,250	47,250	47,250	47,250	47,250	47,250	47,250	23,667
Field Delivery - Strategic Relationships Labor	158,750	158,750	158,750	158,750	158,750	158,750	158,750	158,750	158,750	158,750	-
Field Delivery - Strategic Planning Labor	185,417	185,417	185,417	185,417	185,417	185,417	185,417	185,417	185,417	185,417	82,917
Field Delivery - Benefits Realization	111,333	111,333	111,333	111,333	111,333	111,333	111,333	111,333	111,333	111,333	68,250
Field Delivery - Engineering Solutions Labor	123,417	123,417	123,417	123,417	123,417	123,417	123,417	123,417	123,417	123,417	45,667
Engineering	-	-	-	-	-	-	-	-	-	-	-
Engineering QA - QC Capital	-	-	-	-	-	-		-	-	-	-
Field Delivery Office Misc - Expense	-	•	-	-	-	-	-	-	-	•	-
Field Delivery - Office Misc - Capital	00.500	-	20.500	00 500	20 500	-	20 500			-	05.000
Customer - Communications Mgmt	62,500	62,500	62,500	62,500	62,500	62,500	62,500	62,500	62,500	62,500	25,000
Customer - Impact Staff	105,750	105,750	105,750	105,750	105,750	105,750	105,750	105,750	105,750	105,750	52,917
Customer - Service and Sales	127,500	127,500	127,500	127,500	127,500	127,500	127,500	127,500	127,500	127,500	64,583
Change Management - PG&E Labor	155,333	155,333	155,333	155,333	155,333	155,333	155,333	155, 3 33	155,333	155,333	36,500
Total Monthly PMO Costs	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 1,500,583	\$ 598,083

Total PMO Costs

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PMO Costs											
Current State - PMO budgeted costs Director's PMO PG&E labor Capital Director's PMO PG&E labor Expense Director's Office Consulting - Cap Director's Office Misc - Expense Business Planning - PG&E Staff Special Projects PMO - Read2Bill Processes PwC QA Reg Reporting Field Delivery - Office Mgmt Field Delivery - Strategic Relationships Labor Field Delivery - Strategic Planning Labor Field Delivery - Benefits Realization Field Delivery - Engineering Solutions Labor Engineering Engineering QA - QC Capital Field Delivery Office Misc - Expense Field Delivery - Office Misc - Capital Customer - Communications Mgmt Customer - Pervice and Sales Change Management - PG&E Labor	Feb-2013	Mar-2013	Apr-2013	May-2013	Jun-2013	Jul-2013	Aug-2013	Sep-2013	Oct-2013	Nov-2013	Dec-2013
Total Monthly PMO Costs	\$ -	\$ -	\$ -	\$ -	\$ - 5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total PMO Costs											*
3 Month Suspension - PMO budgeted costs Director's PMO PG&E labor Capital Director's PMO PG&E labor Expense Directors office Consulting - Cap Director's Office Consulting-Exp Director's Office Misc - Expense Business Planning - PG&E Staff Special Projects	Feb-2013 73,000 - 57,417 38,750 - 29,417	Mar-2013 73,000 - 57,417 38,750 - 29,417	Apr-2013 73,000 57,417 38,750 - 29,417	May-2013	Jun-2013	Jul-2013	Aug-2013	Sep-2013	Oct-2013	Nov-2013	Dec-2013

PMO - Read2Bill Processes

Customer - Communications Mgmt

Customer - Impact Staff

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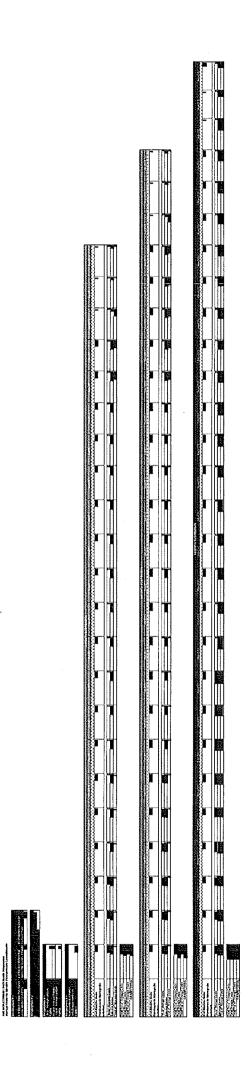
THIS TROUBEDINT TO COOK SO												
PwC QA Reg Reporting	-	-	-									
Field Delivery - Office Mgmt	23,667	23,667	23,667									
Field Delivery - Strategic Relationships Labor	-	-	-									
Field Delivery - Strategic Planning Labor	82,917	82,917	82,917									
Field Delivery - Benefits Realization	68,250	68,250	68,250									
Field Delivery - Engineering Solutions Labor	45,667	45,667	45,667									
Engineering	-	_	-									
Engineering QA - QC Capital	-	-	_									
Field Delivery Office Misc - Expense	-	-	~									
Field Delivery - Office Misc - Capital	-	-	=									
Customer - Communications Mgmt	25,000	25,000	25,000									
Customer - Impact Staff	52,917	52,917	52,917									
Customer - Service and Sales	64,583	64,583	64,583									
Change Management - PG&E Labor	36,500	36,500	36,500									
Total Monthly PMO Costs	\$ 598,083	\$ 598,083 \$	598,083	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total PMO Costs												
6 Month Suspension - PMO budgeted costs	Feb-2013	Mar-2013	Apr-2013	May-2013	Jun-2013	Jul-2013	Aug-2013	Sep-2013	Oct-2013	Nov-2013	Dec-2013	
Director's PMO PG&E labor Capital	73,000	73,000	73,000	73,000	73,000	73,000	73,000					
Director's PMO PG&E labor Expense	-	-	-	-	H	~	-					
Directors office Consulting - Cap	57,417	57,417	57,417	57,417	57,417	57,417	57,417					
Director's Office Consulting-Exp	38,750	38,750	38,750	38,750	38,750	38,750	38,750					
Director's Office Misc - Expense	-	-	~	-	-	-	-					
Business Planning - PG&E Staff	29,417	29, 4 17	29,417	29,417	29,417	29,417	29,417					
Special Projects	-	-	-	~	-	-	-					
PMO - Read2Bill Processes	-	-	-	-	-	-	~					
PwC QA Reg Reporting	•	-	-	-	-	-	-					
Field Delivery - Office Mgmt	23,667	23,667	23,667	23,667	23,667	23,667	23,667					
Field Delivery - Strategic Relationships Labor	-	-	_	-	-	-	-					
Field Delivery - Strategic Planning Labor	82,917	82,917	82,917	82,917	82,917	82,917	82,917					
Field Delivery - Benefits Realization	68,250	68,250	68,250	6 8 ,250	68,250	68,250	68,250					
Field Delivery - Engineering Solutions Labor	45 ,667	45,667	45,667	45,667	45,667	45,667	45,667					
Engineering	-	-	-	-	-	-	-					
Engineering QA - QC Capital	-	_	-	-	-	-	щ.					
Field Delivery Office Misc - Expense	-	-	-	-	-	-	~					
Field Delivery - Office Misc - Capital	-	~	-	~	-	-	~					
Customer - Communications Mamt	25 000	25 000	25,000	25 000	25,000	25 000	25,000					

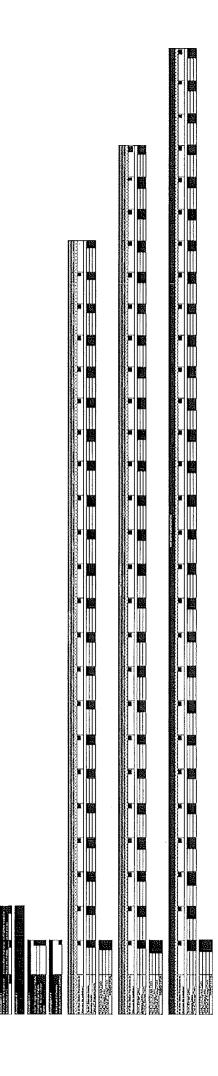
Customer - Service and Sales Change Management - PG&E Labor	64,583 36,500										
Total Monthly PMO Costs	\$ 598,083	598,083	\$ 598,083	\$ 598,083	\$ 598,083	\$ 598,083	\$ 598,083	\$ -	\$ -	\$ -	\$ -
Total PMO Costs					-						
9 Month Suspension - PMO budgeted costs Director's PMO PG&E labor Capital Director's PMO PG&E labor Expense	Feb-2013 73,000	Mar-2013 73,000	Apr-2013 73,000	May-2013 73,000	Jun-2013 73,000	Jul-2013 73,000	Aug-2013 73,000	Sep-2013 73,000	Oct-2013 73,000	Nov-2013 73,000	73,0 0 0
Directors office Consulting - Cap Director's Office Consulting-Exp Director's Office Misc - Expense	57,417 38,750										
Business Planning - PG&E Staff Special Projects	29,417	29,417	29,417 -	29,417	29,417	29,417	29,417 -	29,417	29,417	29,417	29,417 -
PMO - Read2Bill Processes PwC QA Reg Reporting	-	-	-	-	-			-	-	-	-
Field Delivery - Office Mgmt Field Delivery - Strategic Relationships Labor	23,667	23,667	23,667	23,667	23,667	23,667	23,667	23,667	23,667	23,667	23,667
Field Delivery - Strategic Planning Labor Field Delivery - Benefits Realization Field Delivery - Engineering Solutions Labor	82,917 68,250 45,667	82,917 68,250 45.667	82,917 68,250 45,667	82,917 68,250 45.667	82,917 68,250 45,667						
Engineering Engineering QA - QC Capital	7	~	-	-	-	-	-	-	-	-	-
Field Delivery Office Misc - Expense Field Delivery - Office Misc - Capital	-	-	-	-	-	-	-	-	-	-	-
Customer - Communications Mgmt Customer - Impact Staff	25,000 52,917										
Customer - Service and Sales Change Management - PG&E Labor	64,583 36,500										
Total Monthly PMO Costs	\$ 598,083	598,083	\$ 598,083	\$ 598,083	\$ 598,083	\$ 598,083	\$ 598,083	\$ 598,083	\$598,083	\$598,083	\$598,083

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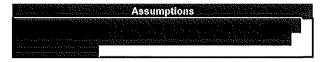
Total PMO Costs











3/6/9-month suspension	Months to ramp-up	Monthly Fee	Total Monthly Fees
Siors-mondi suspension	The second secon		
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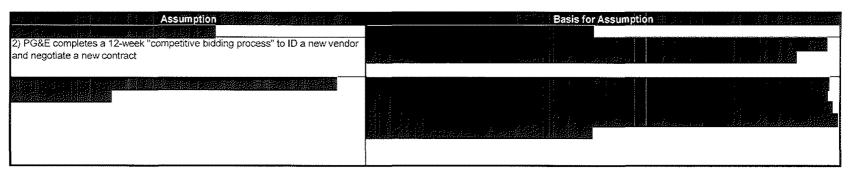
Assumptions
1) A 3-month moratorium wiji extend the deployment schedule

- by an additional month due to ramp up.

 2) A 6-month moratorium will extend the deployment schedule by an additional 2 months due to ramp up.

 3) A 9-month moratorium will extend the deployment schedule by an additional 3 months due to ramp up.

3-month suspension	Months to ramp-up	2010 Monthly Fee	Total Monthly Fees
	1		
	Months to ramp-up	2011 Monthly Fee	Total Monthly Fees
6-month suspension	2	47.57.793	
		<u> </u>	
	Months to ramp-up	2011 Monthly Fee	Total Monthly Fees
9-month suspension	3		
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	Cross Functional Team	Hourly Rate	Approximate # of hours per week	Approximate # of weeks to complete Competitive Bid Process	Total
	Sourcing	\$75	.13	12	\$11,700
polici ini provinci polici provinci pro	AMI (Line of Business) Support	\$75	4	12	\$3,600
	Legal - Corporate Law	\$195	13	12	\$30,420
	Legal - External Counsel	\$500	8	12	\$48,000
3, 6 or 9-month suspension		transcription (Section)	Total cost for Comp	etitive Bid Process	\$93,720
o, o or o month suspension					
	# of Gas Network Units to be Installed				
	586				
	# of Electric Network Units to be Installed				######################################
	1,303		1.00	······································	
		Total Addition	nal Installation Cost		
ndo tra juga e majorante di				CONTRACTOR OF THE SECOND	Grand Total
		6 July 2010 192 July 1920 1930		The property of the court of	

Vendor	What the Vendor Contract Covers	Are there suspension or labor oscalation costs	Excerpts from Contract Language used to Derive Cost Calculations	Cost Calculation
•		tuilli lata the contract?		-
· Alamania	2.12 中国公司 (1 2012年)	172		
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CERTIFICATE OF SERVICE

I, the undersigned, state that I am a citizen of the United States and am employed in the City and County of San Francisco; that I am over the age of eighteen (18) years and not a party to the within cause; and that my business address is 77 Beale Street, San Francisco, CA 94105.

On August 25, 2010, I served a true copy of:

PUBLIC VERSION

PACIFIC GAS AND ELECTRIC COMPANY'S RESPONSE IN COMPLIANCE WITH ADMINISTRATIVE LAW JUDGE'S ORAL RULING REQUIRING THAT PG&E SUBMIT DATA ON THE ESTIMATED POTENTIAL COSTS ASSOCIATED WITH SUSPENSION OF PACIFIC GAS AND ELECTRIC COMPANY'S SMARTMETERTM TECHNOLOGY DEPLOYMENT

- [XX] By Electronic Mail serving the enclosed via e-mail transmission to each of the parties listed on the official service list for A. 07-12-009 with an e-mail address.
- [XX] By U.S. Mail by placing the enclosed for collection and mailing in the courts of ordinary business practice, with other correspondence of Pacific Gas and Electric Company, enclosed in a sealed envelope, with postage fully prepaid, addressed to those parties listed on the official service list for A. 07-12-009 without an e-mail address.

I certify and declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed on this 25th day of August, 2010, at San Francisco, California.

<u>/s/</u>
PATRICIA A. KOKASON