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**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 Deploy  
an Advanced Metering Infrastructure

A.05-06-028  
(Filed June 16, 2005)

U 39 E

**MONTHLY SMARTMETER™ STEERING COMMITTEE  
UPDATE REPORT OF PACIFIC GAS AND ELECTRIC  
COMPANY IN ACCORDANCE WITH THE MAY 4, 2010  
ASSIGNED COMMISSIONER'S RULING**

ANN H. KIM  
CHONDA J. NWAMU

Pacific Gas and Electric Company  
77 Beale Street  
San Francisco, CA 94105  
Telephone: (415) 973-6650  
Facsimile: (415) 973-0516  
E-Mail: CJN3@pge.com

Dated: December 29, 2010

Attorneys for  
PACIFIC GAS AND ELECTRIC COMPANY

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ASSIGNED COMMISSIONER'S RULING**

Pacific Gas and Electric Company (PG&E) submits the attached November 2010 “SmartMeter™ Steering Committee Update Report” on the deployment and budget status of its Advanced Metering Infrastructure (AMI) Project in accordance with the May 4, 2010 “Assigned Commissioner’s Ruling Reopening Proceeding, Requiring That Reports Be Filed in This Proceeding, and Ordering Pacific Gas and Electric Company to Release Prior and Future Reports to the Public,” Ordering Paragraph 3. Underlying Decision 06-07-027, Ordering Paragraph 4, requires that this monthly summary report provide the following information: (1) project status; (2) progress against baseline schedule including equipment installation and key milestones; (3) actual project spending vs. forecast; and 4) risk-based contingency allowance draw-down status.

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The attached report complies with that decision and the Commissioner's Ruling.

Respectfully Submitted,

ANN H. KIM  
CHONDA J. NWAMU

By: \_\_\_\_\_ /s/  
CHONDA J. NWAMU

Pacific Gas and Electric Company  
77 Beale Street  
San Francisco, CA 94105  
Telephone: (415) 973-6650  
Facsimile: (415) 973-0516  
E-Mail: CJN3@pge.com

Attorneys for  
PACIFIC GAS AND ELECTRIC COMPANY

Dated: December 29, 2010

CERTIFICATE OF SERVICE BY ELECTRONIC MAIL OR U.S. MAIL

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 Pacific Gas and Electric Company, Law Department B30A, 77 Beale Street, San Francisco, California 94105.

I am readily familiar with the business practice of Pacific Gas and Electric Company for collection and processing of correspondence for mailing with the United States Postal Service. In the ordinary course of business, correspondence is deposited with the United States Postal Service the same day it is submitted for mailing.

On December 29, 2010 I served a true copy of:

**MONTHLY SMARTMETER™ STEERING COMMITTEE UPDATE REPORT  
OF PACIFIC GAS AND ELECTRIC COMPANY IN ACCORDANCE WITH THE  
MAY 4, 2010 ASSIGNED COMMISSIONER'S RULING**

[XX] By Electronic Mail – serving the enclosed via e-mail transmission to each of the parties listed on the official service list for A.05-06-028 and A. 07-12-009 with an e-mail address.

[XX] By U.S. Mail – by placing it for collection and mailing, in the course of ordinary business practice, with other correspondence of Pacific Gas and Electric Company, enclosed in a sealed envelope, with postage fully prepaid, addressed to all parties of record on the service lists for A.05-06-028 and A. 07-12-009 who do not have an email address.

**VIA HAND DELIVERY AND ELECTRONIC MAIL:**

Administrative Law Judge Douglas Long  
California Public Utilities Commission  
505 Van Ness Ave.  
San Francisco, CA 94102  
[dug@cpuc.ca.gov](mailto:dug@cpuc.ca.gov)

Administrative Law Judge Timothy J. Sullivan  
California Public Utilities Commission  
505 Van Ness Ave.  
San Francisco, CA 94102  
[tjs@cpuc.ca.gov](mailto:tjs@cpuc.ca.gov)

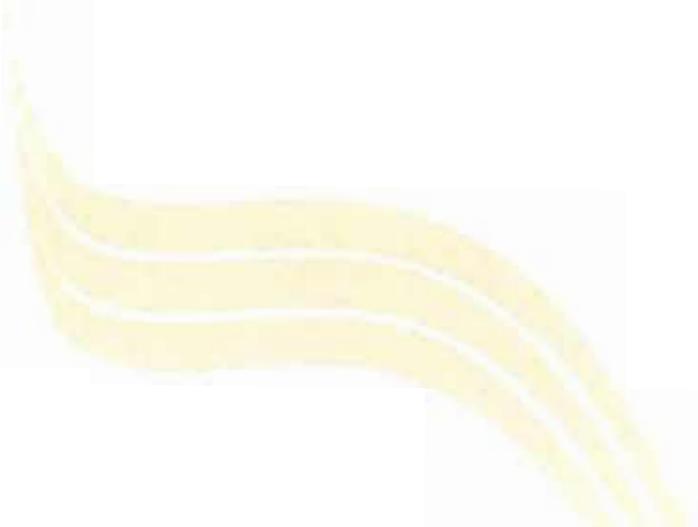
Kenneth Lewis  
ENERGY DIVISION  
California Public Utilities Commission  
505 Van Ness Ave.  
San Francisco, CA 94102  
[kl1@cpuc.ca.gov](mailto:kl1@cpuc.ca.gov)

Paul Clanon, Executive Director  
California Public Utilities  
505 Van Ness Ave.  
San Francisco, CA 94102  
[pac@cpuc.ca.gov](mailto:pac@cpuc.ca.gov)

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

Executed in San Francisco, California on December 29, 2010.

\_\_\_\_\_  
/s/  
MARY B. SPEARMAN



PG&E  
**SmartMeter** 

**SmartMeter™**  
**Steering Committee Update – November 2010**

- ▶ Monthly Updates
  - ▶ Release Status Update
  - ▶ Deployment Status Update
  - ▶ Schedule Update
  - ▶ Deployment Update
  - ▶ Budget Status – Expenditures by Workstream
  - ▶ Budget Status – Benefits
  - ▶ Issues / Risks Summary
  - ▶ Program Metrics
- ▶ Appendix
  - ▶ Project Deployment Plan Progress
  - ▶ Contingency Reconciliation
  - ▶ SmartMeter™ Acronyms

	EAC	Funded Budget*	ITD	Scope	Schedule	Resources	Issues	Risks
IT Releases (ITD)								
Release I - Build/Deploy								
Release J - Plan/Analyze								
Release K - Plan								
Release O - Build/Deploy								

**Overall**

**Actions/Status**

Release I - Migrate NEM and ABS Billed Accounts from ABS to CC&E

Release J - Enable quicker outage notification & allow query of meter status

Release K - Transition customers to interval billing to support SmartMeter™ initiatives

Release O - Process improvement efforts in support of SmartMeter™

Release I

- Testing remains behind schedule due to defects found and late start due to delays in design phases.
- Issue with FAS environment which slowed testing will be resolved with development of second environment.

Release J

- Completed Transformer Load Management (TLM) cost planning for Design through Deploy stage.
- Delay in completing the TLM analyze stage closure due to requirements finalization. Team began working on Design stage tasks.

Release K

- Project schedule in place and additional funding to complete analyze was approved.
- Project is in Planning stage. Scope identification is slower than planned.

Release O

- Completed all Service Requests that Release O was budgeted to deliver.
- SRs outside the scope of the budget have been distributed to deploy in December 2010 and first quarter of 2011.

\*Funded Budget represents the amount of funding that has been received through the "Smart" funding process. Funds that are received as "Identification" or "Analysis" are not counted toward these initial phases. Upon completion of the Analysis phase, the release team will prepare a request to outline the remaining amount required to conduct the Release.

## Release Status Update (continued)

	EAC	Funded Budget*	ITD	Scope	Schedule	Resources	Issues	Risks
IT Releases (ITD)								
Performance & Scalability - Test								
HAN Alpha I & II - Build								
HAN Enablement - Plan								
2010 Other Capital Projects (IT PMO, 09 carryover, SM Apps, DC)								
2010 Operating Expenses (CC&B, Stabilization)								

### Overall

<p><u>Performance &amp; Scalability</u> - Ensure operation at necessary performance and scalability levels</p> <p><u>HAN Alpha I &amp; II</u> - Pilot activities for customer-side messaging via HAN module</p> <p><u>HAN Enablement</u> - Deployment of In Home Devices (IHD) to SMB &amp; residential customers over the (AMI) network</p> <p><u>Overall</u></p> <ul style="list-style-type: none"> <li>A significant amount of regulatory mandated work will compete with SmartMeter IT releases over the course of 2010 until the November CC&amp;B freeze for the install of the CC&amp;B upgrade to V.2.3</li> <li>Multiple releases being worked on in parallel. Impacted elements include PTR, PDP, MARA, NEMS, and Release K (interval billing)</li> </ul>
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### Actions/Status

<p><u>Performance &amp; Scalability</u></p> <ul style="list-style-type: none"> <li>Monitor the stability of Meter Data Management System (MDMS) Disaster Recovery environment that was brought live on 11/12.</li> </ul> <p><u>HAN Alpha I &amp; II</u></p> <ul style="list-style-type: none"> <li>Completing project and documentation activities</li> </ul> <p><u>HAN Enablement</u></p> <ul style="list-style-type: none"> <li>Foundation work will likely begin January 2011 as the Technology Innovation Center (TIC) is working to finalize the plan.</li> </ul> <p><u>Overall</u></p> <p>The Planning team continues to work on a SmartMeter™ Closure Plan intended to communicate and ensure final scope with business stakeholders</p>
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	Budget (Budget / CPI)	2010 Forecast (2010 EAC / CPI)	Scope	Schedule	Resources	Issues	Risks
Deployment: (ITD)							
Deployment: YTD - September, 2010							
Endpoints (2010 YTD)							
Gas Network (2010 YTD)							
Electric Network (2010 YTD)							

### Challenges

#### Endpoints

- Endpoint deployment behind Plan due to the implementation of enhanced Customer and Community Outreach strategies
- Non-standard installations

#### Electric Network

- Remote area electric backhaul network

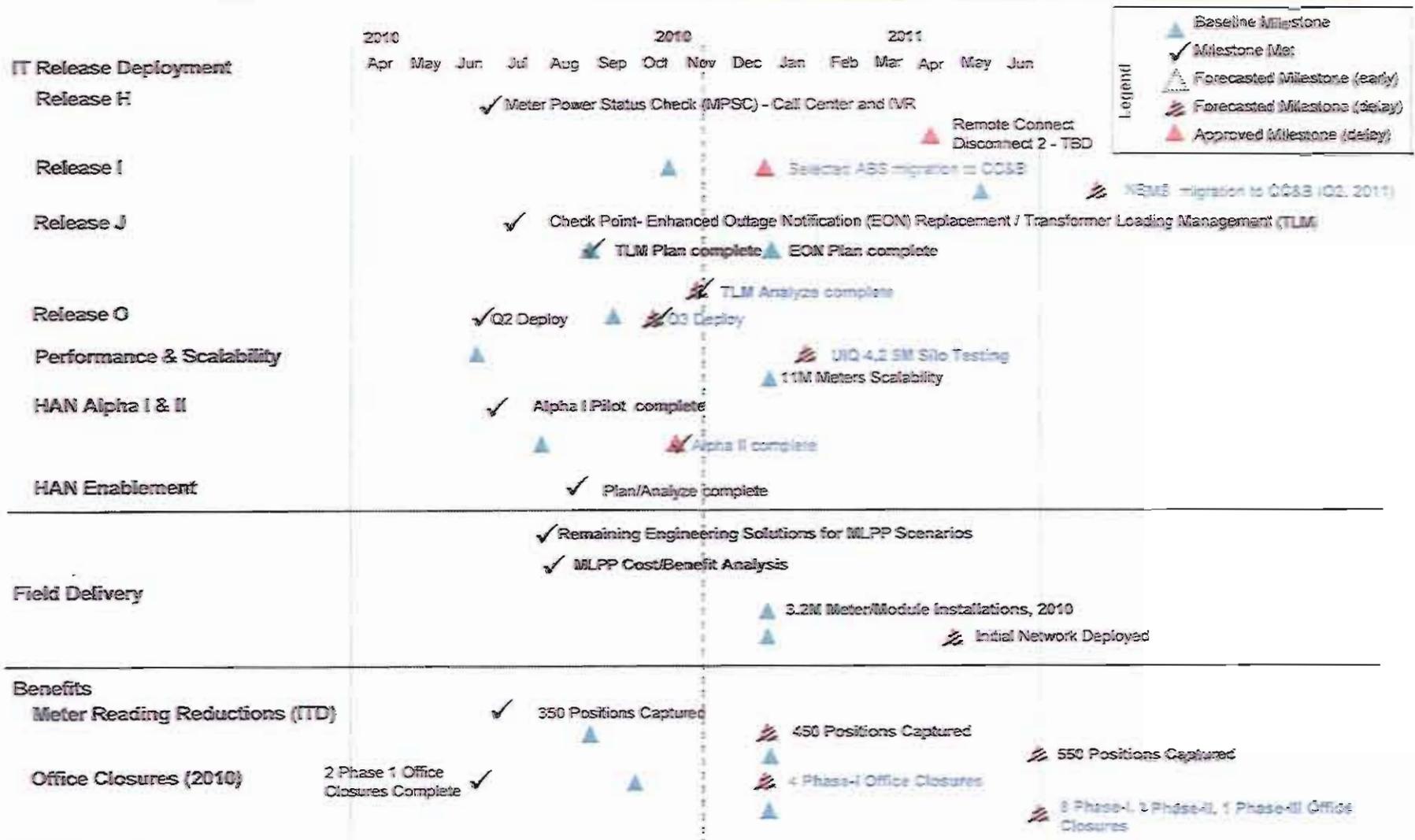
### Actions/Status

#### Endpoints

- Revising schedule to incorporate enhanced outreach activities; completion targeted for Mid-December
- Development of non-standard deployment solutions and strategies progressing
- Defining urban customer access, non-standard installation and customer outreach processes

#### Electric Network

- Pilot test for a satellite-based backhaul in progress. Production solution availability expected in December, 2010.

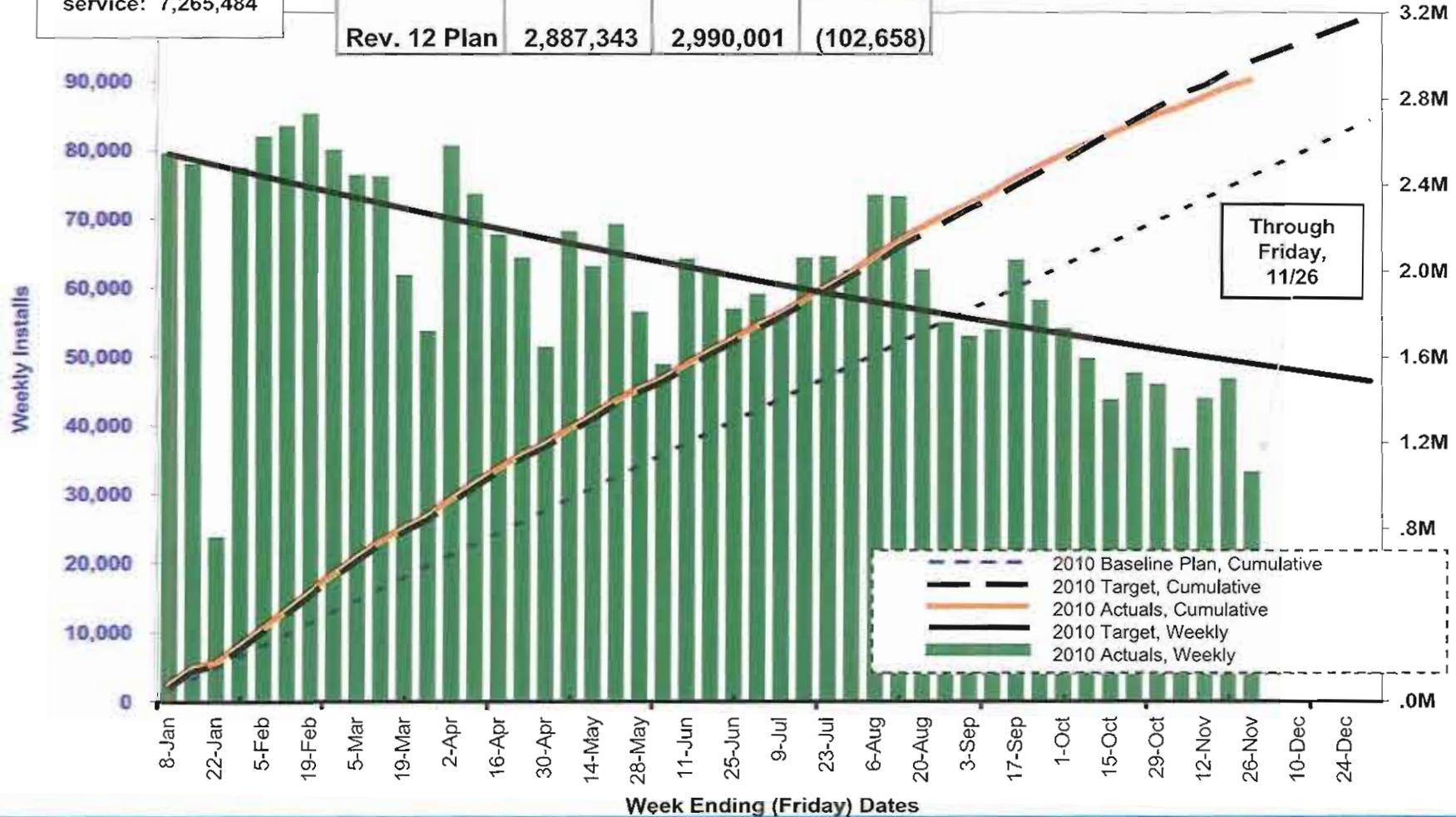


2010 Install Rate vs. Plan - Weekly Meter Totals

Total SM Inception to date meters in service: 7,265,484

11/26/10	Actuals	Target	Variance
Rev. 12 Plan	2,887,343	2,990,001	(102,658)

2010 target (Rev. 12) : 3.2M  
2010 Baseline Plan: 2.7M



## 2010 Budget Status – Expenditures by Workstream

#	Workstream	Current Month - October			Year to Date - October				2010 Approved Plan	Inception to Date Spending	#
		2010 Plan	Actuals	Variance	2010 Plan	Actuals	Variance	% Var.			
<b>Capital (000s)</b>											
1	PMO	\$ 356	\$ 365	\$ (10)	\$ 3,556	\$ 6,219	\$ (2,663)	-75%	\$ 4,267	\$ 45,362	1
2	SM Operations	\$ 288	\$ 271	\$ 17	\$ 2,879	\$ 2,623	\$ 256	9%	\$ 3,455	\$ 10,771	2
3	FD- Strategic Relationships	\$ 24,271	\$ 31,410	\$ (7,139)	\$ 303,007	\$ 333,844	\$ (30,836)	-10%	\$ 340,057	\$ 1,035,859	3
4	FD Endpoint Installation	\$ 7,650	\$ 2,432	\$ 5,219	\$ 53,125	\$ 25,754	\$ 27,371	52%	\$ 66,888	\$ 70,117	4
5	Field Delivery Office	\$ 1,538	\$ 1,806	\$ (268)	\$ 21,019	\$ 24,856	\$ (3,837)	-18%	\$ 25,295	\$ 47,160	5
6	FD - Network Install	\$ 227	\$ 689	\$ (463)	\$ 3,835	\$ 4,990	\$ (1,155)	-30%	\$ 4,192	\$ 26,591	6
7	<b>Deployment Subtotal:</b>	<b>\$ 33,687</b>	<b>\$ 36,337</b>	<b>\$ (2,651)</b>	<b>\$ 380,986</b>	<b>\$ 389,443</b>	<b>\$ (8,457)</b>	<b>-2%</b>	<b>\$ 436,433</b>	<b>\$ 1,179,727</b>	<b>7</b>
8	Business Process	\$ 753	\$ 462	\$ 291	\$ 9,832	\$ 988	\$ 8,844	90%	\$ 10,924	\$ 15,328	8
9	IT/CC&B	\$ 3,055	\$ 1,882	\$ 1,173	\$ 43,712	\$ 39,885	\$ 3,827	9%	\$ 47,951	\$ 321,645	9
10	Technology Monitoring	\$ -	\$ -	\$ -	\$ -	\$ 3	\$ (3)		\$ -	\$ 1,735	10
11	Unassigned Spend	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ 30,126	\$ -	11
12	<b>Capital Total:</b>	<b>\$ 38,138</b>	<b>\$ 39,318</b>	<b>\$ (1,180)</b>	<b>\$ 440,965</b>	<b>\$ 439,161</b>	<b>\$ 1,803</b>	<b>0%</b>	<b>\$ 533,157</b>	<b>\$ 1,574,568</b>	<b>12</b>
<b>Expense (000s)</b>											
13	PMO	\$ 143	\$ 446	\$ (303)	\$ 1,429	\$ 6,022	\$ (4,593)	-321%	\$ 1,715	\$ 23,097	13
14	SM Operations	\$ 1,717	\$ 1,985	\$ (268)	\$ 16,705	\$ 20,688	\$ (3,983)	-24%	\$ 20,158	\$ 50,952	14
15	Customer	\$ 2,322	\$ 3,058	\$ (736)	\$ 24,742	\$ 30,648	\$ (5,905)	-24%	\$ 28,877	\$ 58,641	15
16	Change Mgt Customer Impact	\$ 691	\$ 879	\$ (188)	\$ 6,906	\$ 8,230	\$ (1,324)	-19%	\$ 8,287	\$ 11,809	16
17	FD- Strategic Relationships	\$ 1,416	\$ 152	\$ 1,265	\$ 11,802	\$ 5,047	\$ 6,755	57%	\$ 14,635	\$ 48,890	17
18	FD Endpoint Installation	\$ -	\$ (7)	\$ 7	\$ 4	\$ 156	\$ (152)	-4291%	\$ 4	\$ 795	18
19	Field Delivery Office	\$ 485	\$ 209	\$ 277	\$ 6,722	\$ 1,900	\$ 4,822	72%	\$ 7,984	\$ 16,219	19
20	<b>Deployment Subtotal:</b>	<b>\$ 1,902</b>	<b>\$ 354</b>	<b>\$ 1,548</b>	<b>\$ 18,528</b>	<b>\$ 7,103</b>	<b>\$ 11,425</b>	<b>62%</b>	<b>\$ 22,623</b>	<b>\$ 65,904</b>	<b>20</b>
21	Business Process	\$ -	\$ 33	\$ (33)	\$ -	\$ 174	\$ (174)		\$ -	\$ 174	21
22	IT/CC&B	\$ 3,926	\$ 2,333	\$ 1,593	\$ 29,203	\$ 23,036	\$ 6,168	21%	\$ 36,106	\$ 110,781	22
23	Technology Monitoring	\$ 121	\$ 155	\$ (35)	\$ 1,599	\$ 1,131	\$ 468	29%	\$ 1,841	\$ 20,988	23
24	<b>Expense Total:</b>	<b>\$ 10,821</b>	<b>\$ 9,244</b>	<b>\$ 1,577</b>	<b>\$ 99,113</b>	<b>\$ 97,031</b>	<b>\$ 2,082</b>	<b>2%</b>	<b>\$ 119,607</b>	<b>\$ 342,347</b>	<b>24</b>
									<b>Total:</b>	<b>\$ 1,916,915</b>	<b>25</b>

### Year-to-Date Variance Explanations:

Favorable year-to-date capital variance of \$1.8 million (0.4%) primarily driven by:

- 1) fewer PG&E endpoint installation costs than planned (\$27.4 million – Line #4)
- 2) offset by fewer early retirements of certain meters and modules than planned (\$30.8 million – Line #3)

Favorable year-to-date expense variance of \$2.1 million (2.1%) due to:

- 1) fewer early retirements of certain meters and modules than planned (\$6.8 million and \$4.8 million – Lines #17 and #19) and less HAN-related spending (Line #22)
- 2) offset by greater than planned spending requirements for PMO, SM Operation, Customer and Change Management (Lines #13, #14, #15 and #16)

## SmartMeter Balancing Account (SBA) Credits

#	(\$ in thousands)	Actual												Forecast		YTD Actual	#	
		2007	2008	2009	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov			Dec
		1	Activated Meter Benefits:	\$ 111	\$ 4,705	\$ 26,055	\$ 3,851	\$ 3,999	\$ 4,034	\$ 4,158	\$ 4,232	\$ 4,357	\$ 4,548	\$ 4,857	\$ 5,186			\$ 5,468
2	Mainframe License Benefits:	\$ 1,250	\$ 5,000	\$ 5,000	\$ 417	\$ 417	\$ 417	\$ 417	\$ 417	\$ 417	\$ 417	\$ 417	\$ 417	\$ 417	\$ 417	\$ 417	\$ 15,417	2
3	Total:	\$ 1,361	\$ 9,705	\$ 31,055	\$ 4,268	\$ 4,416	\$ 4,451	\$ 4,575	\$ 4,648	\$ 4,774	\$ 4,964	\$ 5,273	\$ 5,603	\$ 5,885	\$ 6,259	\$ 6,692	\$ 90,977	3
4	2010 Cumulative Actual + Forecast:				\$ 4,268	\$ 8,684	\$ 13,135	\$ 17,710	\$ 22,358	\$ 27,132	\$ 32,096	\$ 37,369	\$ 42,972	\$ 48,857	\$ 55,116	\$ 61,808		4

## 2010 Line of Business (LOB) Expense Reductions, Budget vs. Actual and Current Forecast

#	(\$ in thousands)	2010 Line of Business (LOB) Expense Reductions, Budget vs. Actual and Current Forecast												#				
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
5	<u>Budgeted LOB Benefits:</u>																	
5	Monthly	\$ 5,403	\$ 5,800	\$ 6,275	\$ 6,681	\$ 7,057	\$ 7,528	\$ 7,909	\$ 7,835	\$ 7,798	\$ 4,775	\$ 5,706	\$ 6,245					5
6	Cumulative	\$ 5,403	\$ 11,203	\$ 17,477	\$ 24,158	\$ 31,215	\$ 33,744	\$ 41,653	\$ 49,488	\$ 57,286	\$ 62,061	\$ 67,767	\$ 74,012					6
7	<u>Actual / Current Forecast:</u>																	
7	Monthly	\$ 4,448	\$ 4,756	\$ 5,040	\$ 5,156	\$ 5,242	\$ 5,533	\$ 5,568	\$ 5,921	\$ 6,253	\$ 6,719	\$ 7,317	\$ 7,337					7
8	Cumulative	\$ 4,448	\$ 9,204	\$ 14,244	\$ 19,400	\$ 24,642	\$ 30,174	\$ 35,742	\$ 41,664	\$ 47,916	\$ 54,635	\$ 61,953	\$ 69,289					8
9	YTD Variance	\$ (955)	\$ (1,999)	\$ (3,233)	\$ (4,758)	\$ (6,574)	\$ (3,569)	\$ (5,910)	\$ (7,824)	\$ (9,370)	\$ (7,426)							9

Target Resolution Date	Issues	Impact	Status Summary
11/30/2010	Volume of deployed untransitioned meters to SM Read status higher than expected under 2010 base plan	Increased costs and negative customer impact	Significant business process enhancements have been implemented and have contributed to a 33% reduction in the percent of untransitioned meters against the number installed. Additional enhancements are targeted for implementation in November.
12/1/2010	Outreach strategies need to be further refined for customer specific concerns	Increased costs, customer change management	Outreach approach being incorporated within deployment strategies including San Francisco deployment and Kern replacements.
12/31/2010	Increasing number of installations affected by access refusals	Increased costs, increase in unable to complete (UTC) back-log, customer change management	Revising customer outreach installation materials and integrated messaging across communication channels to enhance customer understanding of SmartMeter journey and benefits.
11/30/2010	Issue related to non-residential meters' demand-measurement potentially affecting approximately 1.2% of commercial/agricultural customers.	Software upgrade necessary to adjust demand-measurement; potential customer impacts being reviewed.	Closed: Deployment testing commenced 11/29. Full software deployment commenced on 12/6

#	Created On	P	I	Score	Prev. Score	Risks	Impact	Status Summary	Assoc. Issue
1	5/15/2009	5	5	25	25	<p>Non-standard installations may impact deployment cost and schedule.</p> <p>Key drivers: Need customer access to reach meter, meter with space limitations and customer overbuilds.</p>	Schedule and additional costs.	Cost impacts estimated and integrated into the installations and resource planning models. Deployment durations being adjusted to mitigate the schedule impacts. Customer outreach strategies being incorporated into field pilots and deployment strategies prior to starting full scale deployment to minimize customer impact.	
2	3/22/2010	4	4	16	12	<p>Vendor SmartMeter products cannot be delivered to meet the deployment schedule</p> <p>Key drivers: remaining vendor development activities and resources to complete solutions, insufficient lead time for procurement due to design changes/schedule decisions.</p>	Deployment slow/stand down, resource planning ability, and additional costs.	<p>Vendor solutions for non-standard deployment under development, testing and review. Management of vendor delivery timelines subject to ongoing joint project and vendor leadership review. Focus on remaining deployment dependencies being used to validate integration of vendor product deliveries.</p> <p>Finalization of network design/equipment mix to complete network deployment in process with vendors.</p>	
3	4/4/2008	3	5	15	15	<p>Business processes enabled by new technology may not perform as intended.</p> <p>Key driver: Increased data volume and validation, underlying business processes.</p>	Billing errors, customer complaints, inability to meet endpoint deployment goals.	<p>Continuing to monitor technology performance and identifying mitigations to resolve any identified technology performance issues. Meter transition process checks updated to include new integrated standards with Vendor for validating Network design, meter connectivity and read performance. Planning for Full-Deployment/Interval Billing via functionality deployments and additional process capability initiatives through 2011 underway.</p> <p>Vendor is delivering two critical hardware enhancements by Dec 2010.</p>	
4	6/25/2008	3	4	12	12	<p>Project costs may exceed approved CPUC authorized amount at completion (including contingency)</p>	Costs at completion exceed CPUC approved amount	Detailed review of work stream forecasts in progress. Executive review of completed analysis scheduled to complete mid-December	

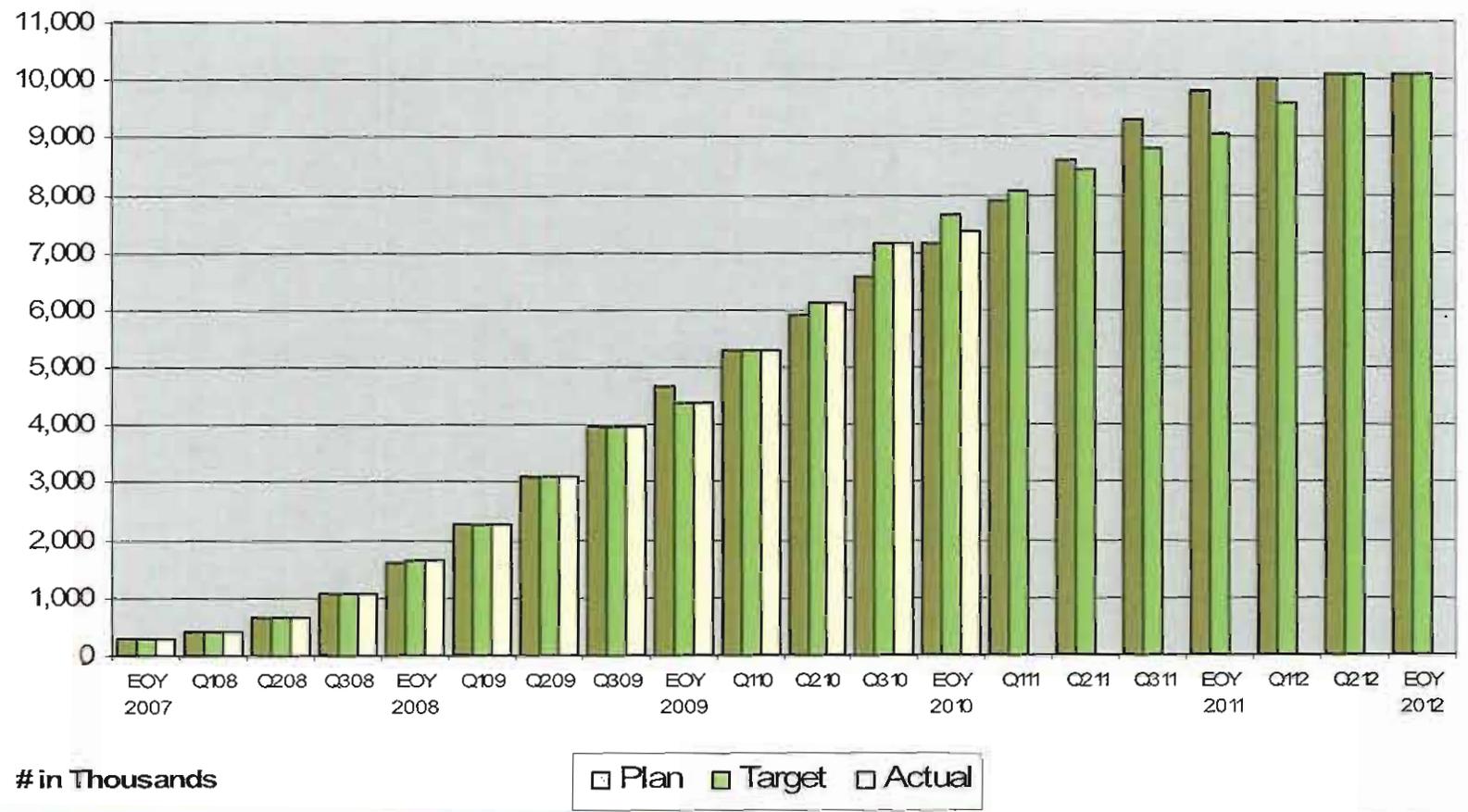


# Program Metrics

Metric	Key Performance Indicator	Sep '10 - Month Results			Oct '10 - Month Results			YTD			2010 Year End Forecast			Variance Analysis
		Actual	Target	Var	Actual	Target	Var	Actual	Target	Var	Forecast	Target	Var	
P1	SM Earnings Contribution (\$M - estimated)	\$ 5.62	\$ 5.62	0.1%	\$ 5.74	\$ 5.80	-1.2%	\$ 50.33	\$ 49.50	1.7%	\$ 62.28	\$ 61.48	1.3%	One OSHA In Feb '10, YTD actuals rate = 0.68  YTD actual rate = 1.11
P2	OSHA Recordables (SmartMeter)	-	-		-	-		1.0	1.0	0.0%	1.0	1.0		
P3	MVI Recordables (SmartMeter)	-	-		-	-		2.0	2.0	0.0%	2.0	3.0		
C1	Customers enrolled in SmartRate (net)	24,860	(track only)		24,591	(track only)		24,591	(track only)		24,591	(track only)		
C10	Customer Complaint Rate (escalated to CPUC)	0.063%	(track only)		0.035%	(track only)		0.056%	(track only)					
D1	Meters Installed - Electric & Gas (Rev. 12)	253,439	254,541	-0.4%	192,948	255,843	-24.3%	2,727,040	2,779,025	-1.9%	3,200,000	3,200,000	0.0%	Revising schedule to incorporate enhanced outreach activities. Revised schedule targeted for mid-December
D2	DCUs Installed	17	16	6.3%	71	136	-47.8%	916	981	-6.6%	981	981	0.0%	Government relations approval and on hold status.
D3	Electric Network - Nodes Installed (including MV90)	359	387	-7.2%	371	612	-39.4%	3,715	3,956	-6.1%	4,294	4,294	0.0%	Insufficient resources to meet new plan goals in October. Resources increased for Nov./Dec.
D5	UTC Rate	8.2%	4.5%	-41.7%	8.4%	4.5%	-46.2%	6.2%	4.5%	-27.4%	6.2%	4.5%	-28.8%	Increase in Access issues.
D7	UTCs open beyond 90 days	91,106	(track only)		103,636	(track only)		103,638	(track only)					
D8	CPI - Endpoints (direct labor & other costs in 2010)*	\$28.90	\$39.39	-26.1%	\$27.78	\$39.39	-29.4%	\$29.80	\$39.39	-24.3%	\$34.54	\$39.39	-12.3%	
D12	CPI Gas Network (direct labor & other costs in 2010)*	\$1,414	\$1,604	-11.8%	\$1,588	\$1,604	-1.0%	\$1,599	\$1,604	-0.3%	\$1,371	\$1,371	0.0%	
D13	CPI Electric Network (direct labor & other costs in 2010)*	\$1,588	\$1,011	57.1%	\$1,414	\$1,011	40.2%	\$1,150	\$1,011	13.8%	\$1,011	\$1,011	0.0%	Network monthly targets under revision to reflect rebaselined plan
D14	Total Weeks of Inventory on Hand - Electric Meters	9	6	33.3%	10	6	66.7%	10	6	66.7%	6	6	0.0%	
D15	Total Weeks of Inventory on Hand - Gas Meters	15	6	150.0%	17	6	183.3%	17	6	183.3%	6	6	0.0%	
O4	Transition Aging - Average Days	95.7	(track only)		100.2	(track only)		105.9	(track only)					
O5	SM Billing accuracy % (SA)	99.88%	99.70%	0.2%	99.88%	99.70%	0.2%	99.87%	99.70%	0.2%	99.70%	99.70%	0.0%	
O6	SM Billing timeliness % (SA)	99.80%	99.60%	0.2%	99.83%	99.60%	0.2%	99.84%	99.60%	0.2%	99.60%	99.60%	0.0%	
O7	SM % Bills not estimated (BSEGS)	99.94%	99.70%	0.2%	99.93%	99.70%	0.2%	99.90%	99.70%	0.2%	99.70%	99.70%	0.0%	
B2	Meters Activated - Electric & Gas (end of month)	179,746	(track only)		111,071	(track only)		1,138,125	(track only)					
B3	Count of All Remote Disconnects & Reconnects	15,099	(track only)		23,080	(track only)		180,593	(track only)		215,268	(track only)		
B5	ITD Meter Reading HC reductions	414	(track only)		435	(track only)		435	(track only)		450	(track only)		

- ▶ Project Deployment Plan Progress
- ▶ Contingency Reconciliation
- ▶ SmartMeter™ Acronyms

Combined Gas and Electric Plan, Target, and Actuals  
(Cumulative)



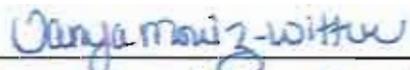
# in Thousands

Plan Target Actual

<b>SmartMeter Contingency Reconciliation</b>		<b>\$000s</b>
<b>1. Business Case Approved Contingency</b>		\$177,753
Total PDRs Adopted by Steering Committee		<b>\$2,856</b>
<i>Subtotal Adopted PDR's</i>		<i>\$2,856</i>
<b>2. Approved Project Decision Request (PDRs) - Pending Contingency Drawdown</b>		
<b>Approved Date</b>	<b>2007 PDR Total</b>	\$103,473
2007	<b>2008 PDR Total</b>	\$32,240
2008	<b>2009 PDR Total</b>	\$20,313
2009	Change Management interim funding	\$8,871
7/23/2010	SmartMeter Operations interim funding	\$10,000
7/23/2010	<i>Subtotal PDRs</i>	<u>\$174,897</u>
<i>Total Approved PDRs</i>		<u><u>\$177,753</u></u>

SmartMeter Acronyms			
Acronym	Definition	Acronym	Definition
ABS	Advanced Billing System	MARA	My Account Re-Architecture
AFCI	Arc Fault Circuit Interrupter	MDMS	Meter Data Management System
AMI	Advanced Metering Infrastructure	MLPP	Meter Location Problem Project
AP	Access Point	MPSC	Meter Power Status Check
Apps	Applications	MV-90	Multi Vendor - 90
ASM	Automated Storage Management	MVI	Motor Vehicle Incidents
BDG	Business Development Group	NEMS	Net Energy Metering Services
CC&B	Customer Care and Billing	NIC	Network Interface Card
CEDSA	Centralized Electric Distribution System Assets	OIR	Order Instituting Rulemaking
CoE	Center of Excellence	OIS	Outage Information System
CPI	Cost Per Install	OMT	Outage Management Tools
CPUC	California Public Utilities Commission	Ops	Operations
DART	Distribution Asset Reconciliation Tool	OSHA	Occupational Safety and Health Administration
DC	Data Center	PCR	Project Change Request
DCU	Data Collector Unit	PCT	Programmable Communicating Thermostat
DR	Disaster Recovery	PDP	Peak Day Pricing
DRA	Division of Ratepayer Advocates	PDR	Project Decision Request
DSCI	Distribution Control Systems, Inc.	PE	Performance Engineering Company
EA	Ecologic Analytics	PMO	Project Management Office
EAC	Estimate at Completion	PTR	Peak Time Rebate
ED	Energy Division	QBR	Quarterly Business Review
EMR	Electric Meter Reader	RCDC2	Remote Disconnect Phase 2
EMT	Electric Meter Technician	Rev.	Revision
EOM	End-of-Month	RF	Radio Frequency
EON	Emergency Outage Notification	RFA	Request For Authorization
EOY	End Of Year	RV	Restoration Validation
FA	Functional Area	SBA	SmartMeter Balancing Accounts
FD	Field Delivery	SM	SmartMeter
GE	General Electric Co.	SM Apps	SmartMeter Applications
GFI	Ground Fault Interrupter	SMU	SmartMeter Upgrade
HAN	Home Area Network	SR	Service Request
HC	Head Count	TBD	To Be Determined
IHD	In-Home Devices	TechArch	Technical Architecture
ISTS	Information Systems and Technology Services	TIC	Technology Innovation Center
IT	Information Technology	TLM	Transformer Load Management
ITD	Inception To Date	TOU	Time Of Use
IVR	Interactive Voice Response	UIQ	Utility IQ - SSN software
KC	Knowledge Center	UTC	Unable To Complete (meter installation)
KVAR	Kilo-Volts-Amps Reactive	YTD	Year-To-Date
LOB	Line of Business		

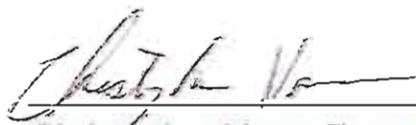
The duly authorized undersigned have approved this report, dated December 17, 2010:



Tanya Moniz-Witten, Director, Business Operations



Peter Ouborg, Senior Director, Law



Christopher Vana, Program Director, Information Systems and Technology Services

