

Smart/Meter

SmartMeter[™] Steering Committee Update – June June 19, 2009

Confidential – For discussion purposes only

\$000s

	SmartMeter Contingency Reconciliation	\$000s
	1. Business Case Approved Contingency	\$128,773
	Upgrade Approved Contingency	\$48,980
	Total Contingency granted	\$177,753
	Total PDRs Adopted by Steering Committee	\$2,856
	Subtotal Adopted PDR's	\$2,856
Approved Date	2. Approved Project Decision Request (PDRs) - Pending Contingency	Drawdown
2007	2007 PDR Total	\$92,773
2008	2008 PDR Total	\$32,240
5/21/09	Change to RF network and SSN technology	(\$40,191)
5/22/09	Change to RF technology: additional vendor specific costs adjustments	
5/23/09	Change to RF technology: new endpoint supplier agreement	
5/24/09	Release E Funding Revision	\$3,507
6/5/09	Release X - Scalability (Phase 1) (aka RFA 09-005)	\$22,693
various - 2009	2009 - Other (less than \$500,000 each)	\$795
	Subtotal PDRs	\$111,358
	Total Adopted and Approved	\$114,214

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SmartMeter[™] Steering Committee Update – July July 24, 2009

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Smart Meter

Contingency Reconciliation

	SmartMeter Contingency Reconciliation	\$000s
	1. Business Case Approved Contingency (AMI and SMU)	\$177,753
	Total PDRs Adopted by Steering Committee	\$2,856
	Subtotal Adopted PDR's	\$2,856
Approved Date	2. Approved Project Decision Request (PDRs) - Pending Contingency Drawdown	
2007	2007 PDR Total	\$92,773
2008	2008 PDR Total	\$32,240
5/21/09	Change to RF network and SSN technology	(\$40,191)
5/21/09	Change to RF technology: additional vendor specific costs adjustments	
5/21/09	Change to RF technology: new endpoint supplier agreement	
5/21/09	Release E Funding Revision	\$3,507
6/5/09	Release X - Scalability (Phase 1) (aka RFA 09-005)	\$22,693
various	Other (less than \$500,000 each)	\$1,495
	Subtotal PDRs	\$112,058
	Total PDRs	\$114,914

08-0271 08-0272 09-0276 09-0281 09-005

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SmartMeter[™] Steering Committee Update- August August 19, 2009



\$000s

	SmartMeter Contingency Reconciliation	\$000s
	1. Business Case Approved Contingency (AMI and SMU)	\$177,753
	Total PDRs Adopted by Steering Committee	\$2,856
	Subtotal Adopted PDR's	\$2,856
Approved Date	2. Approved Project Decision Request (PDRs) - Pending Contingency Drawdown	
2007	2007 PDR Total	\$92,773
2008	2008 PDR Total	\$32,240
5/21/09	Change to RF network and SSN technology	(\$40,191)
5/21/09	Change to RF technology: additional vendor specific costs adjustments	
5/21/09	Change to RF technology: new endpoint supplier agreement	$(z, T) \in \mathcal{F}_{2}$
5/21/09	Release E Funding Revision	\$3,507
6/5/09	Release X - Scalability (Phase 1) (aka RFA 09-005)	\$22,693
7/8/09	SM-driven Commercial Gas Meter In-testing	\$700
7/16/09	Release G (all phases)	\$10,608
various	Other (less than \$500,000 each)	\$1,004
	Subtotal PDRs	\$122,875
	Total PDRs	\$125,731

Note: In D.09-03-026 The Commission concluded PG&E should use the AMI risk based allowance to fund the additional project management costs of \$15.1 Million related to the SmartMeter Upgrade Program, and approximately \$6.1 Million related to HAN retrofit costs. PG&E is still evaluating the potential for costs savings in other categories to offset this amount, however this amount remains a likely risk based allowance draw

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SmartMeter[™] Steering Committee Update- September September 23, 2009

		SmartMeter Contingency Reconciliation	\$000s
		1. Business Case Approved Contingency (AMI and SMU)	\$177,753
		Total PDRs Adopted by Steering Committee Subtotal Adopted PDR's	\$2,856 \$2,856
08-0271	Approved Date 2007 2008 5/21/09	2. Approved Project Decision Request (PDRs) - Pending Contingency Drawdown 2007 PDR Total 2008 PDR Total Change to RF network and SSN technology	\$92,773 \$32,240 (\$40,191)
08-0272 09-0276 09-0281 09-005 09-0282 09-009	5/21/09 5/21/09 5/21/09 6/5/09 7/8/09 7/16/09	Change to RF technology: additional vendor specific costs adjustments Change to RF technology: new endpoint supplier agreement Release E Funding Revision Release X - Scalability (Phase 1) (aka RFA 09-005) SM-driven Commercial Gas Meter Intesting Release G (all phases)	\$3,507 \$22,693 \$700 \$10,608
	various	Other (less than \$500,000 each) Subtotal PDRs	\$1,440 \$123,310

Total PDRs

\$126,166

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Note: In D.09-03-026 The Commission concluded PG&E should use the AMI risk based allowance to fund the additional project management costs of \$15.1 Million related to the SmartMeter Upgrade Program, and approximately \$6.1 Million related to HAN retrofit costs. PG&E is still evaluating the potential for costs savings in other categories to offset this amount, however this amount remains a likely risk based allowance draw.

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SmartMeter[™] Steering Committee Update- October October 14, 2009

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Contingency Reconciliation

		SmartMeter Contingency Reconciliation	\$000s
		1. Business Case Approved Contingency (AMI and SMU)	\$177,753
		Total PDRs Adopted by Steering Committee Subtotal Adopted PDR's	\$2,856 \$2,856
	Approved Date	2. Approved Project Decision Request (PDRs) - Pending Contingency Drawdown	
	2007 2008	2007 PDR Total 2008 PDR Total	\$92,773
08-0271	5/21/09	Change to RF network and SSN technology	\$32,240
08-0272	5/21/09	Change to RF technology: additional vendor specific costs adjustments	(\$40,191)
09-0276	5/21/09	Change to RF technology: new endpoint supplier agreement	
09-0281	5/21/09	Release E Funding Revision	\$3,507
09-005	6/5/09	Release X - Scalability (Phase 1) (aka RFA 09-005)	\$22,693
09-0282	7/8/09	SM-driven Commercial Gas Meter Intesting	\$700
09-009	7/16/09	Release G (all phases)	\$10,608
09-0287	9/22/09	Credit Ops Remote Disconnect-Reconnect	\$1,004
09-017	10/6/2009	RFA - Release J (Plan & Design)	\$619
	various	Other (less than \$500,000 each)	\$1,600
		Subtotal PDRs	\$125,093
		Total PDRs	\$127,949

Note: In D.09-03-026 The Commission concluded PG&E should use the AMI risk based allowance to fund the additional project management costs of \$15.1 Million related to the SmartMeter Upgrade Program, and approximately \$6.1 Million related to HAN retrofit costs. PG&E is still evaluating the potential for costs savings in other categories to offset this amount, however this amount remains a likely risk based allowance draw.

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SmartMeter[™] Steering Committee Update - October November 17, 2009

Contingency Reconciliation

		SmartMeter Contingency Reconciliation		\$000s
		1. Business Case Approved Contingency (AMI and SMU)		\$177,753
		Total PDRs Adopted by Steering Committee Subtotal Adopted PDR's		\$2,856 \$2,856
	Approved Date 2007	2. Approved Project Decision Request (PDRs) - Pending Contingency Drawdown 2007 PDR Total 2008 PDR Total		\$92,773
08-0271	2008 5/21/09	2008 PDR Total Change to RF network and SSN technology		\$32,240 (\$40,191)
08-0272 09-0276 09-0281	5/21/09 5/21/09 5/21/09	Change to RF technology: additional vendor specific costs adjustments Change to RF technology: new endpoint supplier agreement Release E Funding Revision		
09-0281 09-005 09-0282	6/5/09 7/8/09	Release Z - Scalability (Phase 1) (aka RFA 09-005) SM-driven Commercial Gas Meter Intesting		\$3,507 \$22,693
09-009 09-0287	7/16/09 9/22/09	Release G (all phases)		\$700 \$10,608
09-017	10/6/2009 various	Credit Ops Remote Disconnect-Reconnect RFA - Release J (Plan & Design) Other (less than \$500,000 each)		\$1,004 \$619
	PALLONS.	Subtotal PDRs	s .	\$1,600 \$125,093
		Total PDRs		\$127,949

Note: In D.09-03-026, the CPUC concluded PG&E should use the AMI risk-based allowance to fund the additional project management costs of \$15.1 Million related to the SmartMeter Upgrade Program, and approximately \$6.1 Million related to HAN retrofit costs. PG&E is still evaluating the potential for cost savings in other categories to offset this amount, however this amount remains a likely risk-based allowance draw.

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SmartMeter[™] Steering Committee Update – November 2009 December 18, 2009

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Contingency Reconciliation

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			\$000s
	ŕ	1. Business Case Approved Contingency Upgrade Approved Contingency	\$128,773
		Total Contingency granted	\$48,980
			\$177,753
		Total PDRs Adopted by Steering Committee	\$2,856
		Subtotal Adopted PDR's	\$2,856
	Approved Date	2. Approved Project Decision Request (PDRs) - Pending Contingency Drawdown	
	2007	2007 PDR Total*	\$103,473
	2008	2008 PDR Total	\$32,240
08-0271	5/21/09	Change to RF network and SSN technology	(\$40,191)
08-0272	5/21/09	Change to RF technology: additional vendor specific costs adjustments	
09-0276	5/21/09	Change to RF technology: new endpoint supplier agreement	
09-0281	5/21/09	Release E Funding Revision	\$3,507
09-005	6/5/09	Release X - Scalability (Phase 1) (aka RFA 09-005)	\$22,693
09-0282	7/8/09	SM-driven Commercial Gas Meter Intesting	\$700
09-009	7/16/09	Release G (all phases)	\$10,608
09-0287	9/22/09	Credit Ops Remote Disconnect-Reconnect	\$1,004
09-017	10/6/2009	RFA - Release J (Plan & Design)	\$619
	various	Other (less than \$500,000 each)	\$1,600
		Subtotal PDRs	\$135,793
		Total PDRs	\$138,649
		3. Pending Project Decision Request (PDRs) - Pending Approval and Contingency Drawdown	
09-0286	pending	SM Program re-org and SMU funding distribution (unassigned residual)	\$ (31,146)
09-0291	pending	IT Estimate-at-Complete funding true-up	\$64,332
09-0292	pending	Workstream budget adjustments (including true-up due to the change to RF technology)	(\$12,953)
		Subtotal Pending PDRs	\$20,233
		Total PDRs	\$158,882
		* Includes the restoration of \$10.7M in meter maintenance costs removed via Stipulation during the 2006 hearings.	

includes the restoration of \$10.7 M in meter maintenance costs removed via Stipulation during the 2006 hearings.

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SmartMeter[™] Steering Committee Update – December 2009 January 22, 2010

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Contingency Reconciliation

		SmartMeter Contingency Reconciliation	\$000s
		1. Business Case Approved Contingency	\$177,753
		Total PDRs Adopted by Steering Committee	\$2,856
		Subtotal Adopted PDR's	\$2,856
	Approved Date	2. Approved Project Decision Request (PDRs) - Pending Contingency Drawdown	
	2007	2007 PDR Total*	\$103,473
	2008	2008 PDR Total	\$32,240
08-0271	5/21/09	Change to RF network and SSN technology	(\$40,191)
08-0272	5/21/09	Change to RF technology: additional vendor specific costs adjustments	(\$40,101)
09-0276	5/21/09	Change to RF technology: new endpoint supplier agreement	
09-0281	5/21/09	Release E Funding Revision	\$3,507
09-005	6/5/09	Release X - Scalability (Phase 1) (aka RFA 09-005)	\$22,693
09-0282	7/8/09	SM-driven Commercial Gas Meter Intesting	\$700
09-009	7/16/09	Release G (all phases)	\$10,608
09-0287	9/22/09	Credit Ops Remote Disconnect-Reconnect	\$1,004
09-017	10/6/2009	RFA - Release J (Plan & Design)	\$619
09-0286	12/22/2009	SM Program re-org and SMU funding distribution (unassigned residual)	(\$31,146)
09-0291	12/22/2009	IT Estimate-at-Complete funding true-up	\$64,332
09-0292	12/22/2009	Workstream budget adjustments (including true-up due to the change to RF technology)	(\$12,953)
	various	Other (less than \$500,000 each)	\$1,600
		Subtotal PDRs	\$156,026
	۵	Total PDRs	\$158,882



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SmartMeter[™] Steering Committee Update – January 2010 February 23, 2010

Contingency Reconciliation

SmartMeter Contingency Reconciliation		\$000s	
	1. Business Case Approved Contingency	\$177,753	
	Total PDRs Adopted by Steering Committee Subtotal Adopted PDR's	\$2,856 \$2,856	
Approved Date 2007 2008 2009 2010	2. Approved Project Decision Request (PDRs) - Pending Contingency Drawdown 2007 PDR Total 2008 PDR Total 2009 PDR Total None currently approved Subtotal PDRs	\$103,473 \$32,240 \$20,313 \$156,026	
	Total Approved PDRs	\$158,882	

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SmartMeter[™] Steering Committee Update – February 2010 March 31, 2010

Contingency Reconciliation

SmartMeter Contingency Reconciliation		\$000s
	1. Business Case Approved Contingency	\$177,753
	Total PDRs Adopted by Steering Committee Subtotal Adopted PDR's	\$2,856 \$2,856
Approved Date 2007 2008 2009 2010	2. Approved Project Decision Request (PDRs) - Pending Contingency Drawdown 2007 PDR Total 2008 PDR Total 2009 PDR Total None currently approved Subtotal PDRs	\$103,473 \$32,240 \$20,313 \$156,026
	Total Approved PDRs	\$158,882

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SmartMeter[™] Steering Committee Update – March 2010 April 28, 2010

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Contingency Reconciliation

	SmartMeter Contingency Reconciliation	\$000s
	1. Business Case Approved Contingency	\$177,753
	Total PDRs Adopted by Steering Committee Subtotal Adopted PDR's	\$2,856 \$2,856
Approved Date	2. Approved Project Decision Request (PDRs) - Pending Contingency Drawdown	
2007 2008	2007 PDR Total 2008 PDR Total	\$103,473
2009 2010	2009 PDR Total	\$32,240 \$20,313
2010	None currently approved Subtotal PDRs	\$156,026
	Total Approved PDRs	\$158,882

Smart/Veter**

SmartMeter[™] Steering Committee Update – May 2010

Smart Meter

	SmartMeter Contingency Reconciliation	\$000s
	1. Business Case Approved Contingency	\$177,753
	Total PDRs Adopted by Steering Committee Subtotal Adopted PDR's	\$2,856 \$2,856
Approved Date 2007 2008 2009 2010	2. Approved Project Decision Request (PDRs) - Pending Contingency Drawdown 2007 PDR Total 2008 PDR Total 2009 PDR Total None currently approved Subtotal PDRs	\$103,473 \$32,240 \$20,313 \$156,026
	Total Approved PDRs	\$158,882

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SmartMeter[™] Steering Committee Update – June 2010



	SmartMeter Contingency Reconciliation	\$000s
	1. Business Case Approved Contingency	\$177,753
	Total PDRs Adopted by Steering Committee	\$2,856
	Subtotal Adopted PDR's	\$2,856
Approved Date	2. Approved Project Decision Request (PDRs) - Pending Contingency Drawdown	
2007	2007 PDR Total	\$103,473
2008	2008 PDR Total	\$32,240
2009	2009 PDR Total	\$20,313
2010	None currently approved	· • • • • • • • • • • • • • • • • • • •
	Subtotal PDRs	\$156,026
	Total Approved PDRs	\$158.882

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SmartMeter[™] Steering Committee Update – July 2010



10-0293 10-0294

Contingency Reconciliation

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

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SmartMeter[™] Steering Committee Update – August 2010



	SmartMeter Contingency Reconciliation	\$000s
	1. Business Case Approved Contingency	\$177,753
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2008	2008 PDR Total	\$32,240
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7/23/2010	Change Management interim funding	\$8,871
7/23/2010	SmartMeter Operations interim funding	\$10,000
	Subtotal PDRs	\$174,897
	Total Approved PDRs	\$177,753