

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Cumulative Summary

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
 P.U. Code Section 583

2013 - 1  
 December-13

Month/Year	<u>CANADIAN AND U.S. GAS COSTS</u>				<u>PIPELINE RESERVATION CHARGES</u>		<u>TOTAL CPIM PERFORMANCE</u>				<u>TOLERANCE BAND</u>		(Over)/Under Tolerance
	Actuals	Benchmark	Benchmark - Actuals	Actuals % of Benchmark	Actuals	Benchmark	Actuals	Benchmark	Benchmark - Actuals	Actuals % of Benchmark	Upper Limit	Lower Limit	
Nov-13	Redacted												
Dec-13	Redacted												
Jan-14	Redacted												
Feb-14	Redacted												
Mar-14	Redacted												
Apr-14	Redacted												
May-14	Redacted												
Jun-14	Redacted												
Jul-14	Redacted												
Aug-14	Redacted												
Sep-14	Redacted												
Oct-14	Redacted												
Total	Redacted												

(1) "Upper Limit" = Benchmark + 2.0% of Commodity Benchmark  
 (2) "Lower Limit" = Benchmark - 1.0% of Commodity Benchmark

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Commodity Purchases and Sales

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
 P.U. Code Section 583

2013 - 2  
 November-13

Pipeline	Location	Purchases (MMBtu) (a)	Sales (MMBtu) (b)	Net Purchases and Sales	Purchase Costs (d)	Sales Revenue (e)	Total Net Costs
				(MMBtu) (a)+(b) (c)			(d)+(e) (f)
CGT - CORE	CGT PGE CITYGATE	Redacted					
CGT - CORE	CGT/EL PASO TOPOCK						
CGT - CORE	CGT/KRGT DAGGETT						
CGT - CORE	CGT/TW TOPOCK						
El Paso	EP BLANCO POOL						
GTN	MALIN/CGT						
GTN	STAN-GTN						
Kern	KERN OPAL						
Kern	KERN RECEIPT POOL						
Nova	CGS AECO-CAD/GJ						
Ruby	DIAMONDVILLE						
Ruby	EASTERN HEADSTATION POOL						
Ruby	OPAL						
Ruby	PEARL CREEK						
Ruby	PIONEER						
Transwestern	SAN JUAN POOL (58648)						
Total							

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Transport and Storage Costs

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
 P.U. Code Section 583

2013 - 3  
 November-13

Pipeline/Facility	Contract	Fixed Reservation Costs (USD) (a)	Reservation Cost Discount (b)	Capacity Release Revenue (c)	Cost Subtotal (a)+(b)+(c) (d)	Volumetric Transportation Costs (USD) (e)	Total Costs (d)+(e) (f)
EL PASO NATURAL GAS COMPANY, L.L.C.	9RJE	Redacted					
GAS TRANSMISSION NORTHWEST LLC	10524						
GAS TRANSMISSION NORTHWEST LLC	10525						
KERN RIVER GAS TRANSMISSION COMPANY	1520						
LODI GAS STORAGE, L.L.C.	PGE031045						
PG&E CALIFORNIA GAS TRANSMISSION	0760BON027						
PG&E CALIFORNIA GAS TRANSMISSION	0760BON167						
PG&E CALIFORNIA GAS TRANSMISSION	0760MON001						
PG&E CALIFORNIA GAS TRANSMISSION	0760RON005						
PG&E CALIFORNIA GAS TRANSMISSION	CTA #10001						
RUBY PIPELINE, L.L.C.	61014000						
TRANSCANADA - FOOTHILLS PIPE LINES LTD.	PGE-F3						
TRANSCANADA - FOOTHILLS PIPE LINES LTD.	PGE-F4						
TRANSCANADA - FOOTHILLS PIPE LINES LTD.	PGEI - 11						
TRANSCANADA NOVA GAS TRANSMISSION LTD.	2003066889						
TRANSCANADA NOVA GAS TRANSMISSION LTD.	2010-450407						
TRANSCANADA NOVA GAS TRANSMISSION LTD.	2010-450408						
TRANSWESTERN PIPELINE COMPANY	103615						
Total							

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Performance Summary

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
 P.U. Code Section 583

2013 - 4  
 November-13

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs			
<u>Commodity Costs and Revenues</u>						
Commodity Purchases	Redacted					
Commodity Sales						
<u>Volumetric Transport &amp; Storage Costs</u>						
<u>Subtotal Commodity</u>						
Cochrane Extraction Revenue						
Non-Winter Hedge Costs and Revenues						
<u>Miscellaneous Costs and Revenues</u>						
<u>Total Non-Winter Commodity</u>						
<u>Winter Hedge Transactions</u>						
Option Premiums				Redacted		
Option and Swap Settlements						
<u>Commissions and Fees</u>						
<u>Total Winter Hedge Costs and Revenues</u>						
<u>Total Commodity Costs</u>						
<u>Demand Charges</u>						
EL PASO NATURAL GAS COMPANY, L.L.C.	Redacted					
GAS TRANSMISSION NORTHWEST LLC						
KERN RIVER GAS TRANSMISSION COMPANY						
LODI GAS STORAGE, L.L.C.						
PG&E CALIFORNIA GAS TRANSMISSION						
RUBY PIPELINE, L.L.C.						
TRANSCANADA - FOOTHILLS PIPE LINES LTD.						
TRANSCANADA NOVA GAS TRANSMISSION LTD.						
TRANSWESTERN PIPELINE COMPANY						
<u>Total Demand Charges</u>						
<u>Total Costs</u>						

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Benchmark Load

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
 P.U. Code Section 583

2013 - 5  
 November-13

Date	Burner Tip Determined Usage (Therms) (a)	Citygate Determined Usage (Therms) (a)x(1+dist. shrink rate) (b)	Citygate Determined Usage (MMBtu) (b)/10 (c)	Operating Imbalance Adjustment (MMBtu) (d)	Firm Storage Profile Inj/(Wth) (MMBtu) (e)	Incremental Storage Inj/(Wth) (MMBtu) (f)	Benchmark Load at Citygate (MMBtu) (c)+(d)+(e)+(f) (g)
11/1/2013	Redacted						
11/2/2013							
11/3/2013							
11/4/2013							
11/5/2013							
11/6/2013							
11/7/2013							
11/8/2013							
11/9/2013							
11/10/2013							
11/11/2013							
11/12/2013							
11/13/2013							
11/14/2013							
11/15/2013							
11/16/2013							
11/17/2013							
11/18/2013							
11/19/2013							
11/20/2013							
11/21/2013							
11/22/2013							
11/23/2013							
11/24/2013							
11/25/2013							
11/26/2013							
11/27/2013							
11/28/2013							
11/29/2013							
11/30/2013							
Total	209,890,888	215,977,724	21,597,772	185,290	(1,864,320)	25,823	19,944,565

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Daily Benchmark Sequence

Confidential Material  
 Submitted Pursuant to  
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2013 - 6  
 November-13

Date	Benchmark Load										CITYGATE			
	at Citygate	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	NOVA AECO	NOVA AECO	RUBY OPAL	RUBY OPAL		TW SAN JUAN	TW SAN JUAN	TOPOCK-BAJA
Seq. Volume		64,990	72,409	72,728	0	8,715	113,825	113,825	71,703	71,703	59,488	59,488	105,883	0
11/1/2013	Redacted													
11/2/2013	Redacted													
11/3/2013	Redacted													
11/4/2013	Redacted													
11/5/2013	Redacted													
11/6/2013	Redacted													
11/7/2013	Redacted													
11/8/2013	Redacted													
11/9/2013	Redacted													
11/10/2013	Redacted													
11/11/2013	Redacted													
11/12/2013	Redacted													
11/13/2013	Redacted													
11/14/2013	Redacted													
11/15/2013	Redacted													
11/16/2013	Redacted													
11/17/2013	Redacted													
11/18/2013	Redacted													
11/19/2013	Redacted													
11/20/2013	Redacted													
11/21/2013	Redacted													
11/22/2013	Redacted													
11/23/2013	Redacted													
11/24/2013	Redacted													
11/25/2013	Redacted													
11/26/2013	Redacted													
11/27/2013	Redacted													
11/28/2013	Redacted													
11/29/2013	Redacted													
11/30/2013	Redacted													
Total														

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Daily Benchmark Summary

Confidential Material  
 Submitted Pursuant to  
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2013 - 7  
 November-13

Date	SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)						INDEXES AT CITYGATE (USD/MMBtu) (b)							
	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE
11/1/2013	Redacted													
11/2/2013	Redacted													
11/3/2013	Redacted													
11/4/2013	Redacted													
11/5/2013	Redacted													
11/6/2013	Redacted													
11/7/2013	Redacted													
11/8/2013	Redacted													
11/9/2013	Redacted													
11/10/2013	Redacted													
11/11/2013	Redacted													
11/12/2013	Redacted													
11/13/2013	Redacted													
11/14/2013	Redacted													
11/15/2013	Redacted													
11/16/2013	Redacted													
11/17/2013	Redacted													
11/18/2013	Redacted													
11/19/2013	Redacted													
11/20/2013	Redacted													
11/21/2013	Redacted													
11/22/2013	Redacted													
11/23/2013	Redacted													
11/24/2013	Redacted													
11/25/2013	Redacted													
11/26/2013	Redacted													
11/27/2013	Redacted													
11/28/2013	Redacted													
11/29/2013	Redacted													
11/30/2013	Redacted													
Total	Redacted													

Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Daily Benchmark Summary

Confidential Materia  
Submitted Pursuant to  
General Order 66-C and  
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2013 - 8

November-13

TOTAL COMMODITY BENCHMARK (USD) (c) = (a) x (b)

Date	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	TOTAL
11/1/2013	Redacted							
11/2/2013	Redacted							
11/3/2013	Redacted							
11/4/2013	Redacted							
11/5/2013	Redacted							
11/6/2013	Redacted							
11/7/2013	Redacted							
11/8/2013	Redacted							
11/9/2013	Redacted							
11/10/2013	Redacted							
11/11/2013	Redacted							
11/12/2013	Redacted							
11/13/2013	Redacted							
11/14/2013	Redacted							
11/15/2013	Redacted							
11/16/2013	Redacted							
11/17/2013	Redacted							
11/18/2013	Redacted							
11/19/2013	Redacted							
11/20/2013	Redacted							
11/21/2013	Redacted							
11/22/2013	Redacted							
11/23/2013	Redacted							
11/24/2013	Redacted							
11/25/2013	Redacted							
11/26/2013	Redacted							
11/27/2013	Redacted							
11/28/2013	Redacted							
11/29/2013	Redacted							
11/30/2013	Redacted							
Total	Redacted							



Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Firm and Incremental Storage

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
 P.U. Code Section 583

2013 - 9  
 November-13

Date	<u>PG&amp;E FIRM STORAGE</u>					<u>LODI GAS STORAGE, L.L.C.</u>		
	Injection/ Withdrawal (MMBtu)	Imbalance Trading (MMBtu)	Sales/Transfers (MMBtu)	Parking (d)	Ending Inventory (e) <sup>0</sup> +(a)+(b)+(c)+(d)	Nominations at Field (MMBtu)	Equivalent at Citygate (MMBtu)	Ending Inventory (MMBtu)
	(a)	(b)	(c)	(d)	(e)	(a)	(b)	(c)
Beg. Balance	Redacted							
11/1/2013	Redacted							
11/2/2013	Redacted							
11/3/2013	Redacted							
11/4/2013	Redacted							
11/5/2013	Redacted							
11/6/2013	Redacted							
11/7/2013	Redacted							
11/8/2013	Redacted							
11/9/2013	Redacted							
11/10/2013	Redacted							
11/11/2013	Redacted							
11/12/2013	Redacted							
11/13/2013	Redacted							
11/14/2013	Redacted							
11/15/2013	Redacted							
11/16/2013	Redacted							
11/17/2013	Redacted							
11/18/2013	Redacted							
11/19/2013	Redacted							
11/20/2013	Redacted							
11/21/2013	Redacted							
11/22/2013	Redacted							
11/23/2013	Redacted							
11/24/2013	Redacted							
11/25/2013	Redacted							
11/26/2013	Redacted							
11/27/2013	Redacted							
11/28/2013	Redacted							
11/29/2013	Redacted							
11/30/2013	Redacted							
Total	Redacted							

Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Capacity Release

Confidential Material  
Submitted Pursuant to  
General Order 66-C and  
P.U. Code Section 583

2013 - 10  
November-13

Pipeline	MMBtu	Amount
EL PASO NATURAL GAS COMPANY, L.L.C.		Redacted
GAS TRANSMISSION NORTHWEST LLC		
KERN RIVER GAS TRANSMISSION COMPANY		
PG&E CALIFORNIA GAS TRANSMISSION		
RUBY PIPELINE, L.L.C.		
TRANSCANADA - FOOTHILLS PIPE LINES LTD.		
TRANSCANADA NOVA GAS TRANSMISSION LTD.		
TRANSWESTERN PIPELINE COMPANY		
Total		

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Commodity Purchases and Sales

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
 P.U. Code Section 583

2013 - 11  
 December-13

Pipeline	Location	Purchases (MMBtu) (a)	Sales (MMBtu) (b)	Net Purchases and Sales	Purchase Costs (d)	Sales Revenue (e)	Total Net Costs (d)+(e) (f)
				(MMbtu) (a)+(b) (c)			
CGT - CORE	CGT PGE CITYGATE	Redacted					
CGT - CORE	CGT/EL PASO TOPOCK						
CGT - CORE	CGT/KRGT DAGGETT						
El Paso	EP BLANCO POOL						
GTN	MALIN/CGT						
GTN	STAN-GTN						
Kern	KERN RECEIPT POOL						
Kern	OPAL						
Nova	CGS AECO-CAD/GJ						
Ruby	DIAMONDVILLE						
Ruby	EASTERN HEADSTATION POOL						
Ruby	MALIN						
Ruby	OPAL						
Ruby	PEARL CREEK						
Transwestern	SAN JUAN POOL (58648)						
Transwestern	WFS-MILAGRO PLANT (56419)						
Total							

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Transport and Storage Costs

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
 P.U. Code Section 583

2013 - 12  
 December-13

Pipeline/Facility	Contract	Fixed Reservation Costs (USD) (a)	Reservation Cost Discount (b)	Capacity Release Revenue (c)	Cost Subtotal (a)+(b)+(c) (d)	Volumetric Transportation Costs (USD) (e)	Total Costs (d)+(e) (f)
EL PASO NATURAL GAS COMPANY, L.L.C.	9RJE	Redacted					
GAS TRANSMISSION NORTHWEST LLC	10524						
GAS TRANSMISSION NORTHWEST LLC	10525						
KERN RIVER GAS TRANSMISSION COMPANY	1520						
KERN RIVER GAS TRANSMISSION COMPANY	1846						
LODI GAS STORAGE, L.L.C.	PGE031045						
PG&E CALIFORNIA GAS TRANSMISSION	0760BNA166						
PG&E CALIFORNIA GAS TRANSMISSION	0760BON027						
PG&E CALIFORNIA GAS TRANSMISSION	0760BON168						
PG&E CALIFORNIA GAS TRANSMISSION	0760MON001						
PG&E CALIFORNIA GAS TRANSMISSION	0760RON005						
PG&E CALIFORNIA GAS TRANSMISSION	CTA #10001						
RUBY PIPELINE, L.L.C.	61014000						
TRANSCANADA - FOOTHILLS PIPE LINES LTD.	PGE-F3						
TRANSCANADA - FOOTHILLS PIPE LINES LTD.	PGE-F4						
TRANSCANADA - FOOTHILLS PIPE LINES LTD.	PGEI - 11						
TRANSCANADA NOVA GAS TRANSMISSION LTD.	2003066889						
TRANSCANADA NOVA GAS TRANSMISSION LTD.	2010-450407						
TRANSCANADA NOVA GAS TRANSMISSION LTD.	2010-450408						
TRANSWESTERN PIPELINE COMPANY	103615						
Total							

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Performance Summary

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
 P.U. Code Section 583

2013 - 13  
 December-13

	Actual Costs	Benchmark Costs	Benchmark - Actual Costs
<u>Commodity Costs and Revenues</u>	Redacted		
Commodity Purchases			
Commodity Sales			
<u>Volumetric Transport &amp; Storage Costs</u>			
<u>Subtotal Commodity</u>			
Cochrane Extraction Revenue			
Non-Winter Hedge Costs and Revenues			
<u>Miscellaneous Costs and Revenues</u>			
<u>Total Non-Winter Commodity</u>			
<u>Winter Hedge Transactions</u>			
Option Premiums			
Option and Swap Settlements			
<u>Commissions and Fees</u>			
<u>Total Winter Hedge Costs and Revenues</u>			
<u>Total Commodity Costs</u>			
<u>Demand Charges</u>	Redacted		
EL PASO NATURAL GAS COMPANY, L.L.C.			
GAS TRANSMISSION NORTHWEST LLC			
KERN RIVER GAS TRANSMISSION COMPANY			
LODI GAS STORAGE, L.L.C.			
PG&E CALIFORNIA GAS TRANSMISSION			
RUBY PIPELINE, L.L.C.			
TRANSCANADA - FOOTHILLS PIPE LINES LTD.			
TRANSCANADA NOVA GAS TRANSMISSION LTD.			
TRANSWESTERN PIPELINE COMPANY			
<u>Total Demand Charges</u>			
<u>Total Costs</u>			

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Benchmark Load

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
 P.U. Code Section 583

2013 - 14  
 December-13

Date	Burner Tip Determined Usage (Therms) (a)	Citygate Determined Usage (Therms) (a)x(1+dist. shrink rate) (b)	Citygate Determined Usage (MMBtu) (b)/10 (c)	Operating Imbalance Adjustment (MMBtu) (d)	Firm Storage Profile Inj/(Wth) (MMBtu) (e)	Incremental Storage Inj/(Wth) (MMBtu) (f)	Benchmark Load at Citygate (MMBtu) (c)+(d)+(e)+(f) (g)
12/1/2013	Redacted						
12/2/2013							
12/3/2013							
12/4/2013							
12/5/2013							
12/6/2013							
12/7/2013							
12/8/2013							
12/9/2013							
12/10/2013							
12/11/2013							
12/12/2013							
12/13/2013							
12/14/2013							
12/15/2013							
12/16/2013							
12/17/2013							
12/18/2013							
12/19/2013							
12/20/2013							
12/21/2013							
12/22/2013							
12/23/2013							
12/24/2013							
12/25/2013							
12/26/2013							
12/27/2013							
12/28/2013							
12/29/2013							
12/30/2013							
12/31/2013							
Total							

Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Daily Benchmark Sequence

Confidential Material  
Submitted Pursuant to  
General Order 66-C and  
P.U. Code Section 583

2013 - 15  
December-13

Date	Benchmark Load at Citygate	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	NOVA AECO	NOVA AECO	TW SAN JUAN	RUBY OPAL	TW SAN JUAN	RUBY OPAL	TOPOCK-BAJA	CITYGATE	CITYGATE
Seq. Volume	Redacted														
12/1/2013	Redacted														
12/2/2013	Redacted														
12/3/2013	Redacted														
12/4/2013	Redacted														
12/5/2013	Redacted														
12/6/2013	Redacted														
12/7/2013	Redacted														
12/8/2013	Redacted														
12/9/2013	Redacted														
12/10/2013	Redacted														
12/11/2013	Redacted														
12/12/2013	Redacted														
12/13/2013	Redacted														
12/14/2013	Redacted														
12/15/2013	Redacted														
12/16/2013	Redacted														
12/17/2013	Redacted														
12/18/2013	Redacted														
12/19/2013	Redacted														
12/20/2013	Redacted														
12/21/2013	Redacted														
12/22/2013	Redacted														
12/23/2013	Redacted														
12/24/2013	Redacted														
12/25/2013	Redacted														
12/26/2013	Redacted														
12/27/2013	Redacted														
12/28/2013	Redacted														
12/29/2013	Redacted														
12/30/2013	Redacted														
12/31/2013	Redacted														
Total	Redacted														

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Daily Benchmark Summary

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
 P.U. Code Section 583

2013 - 16  
 December-13

Date	SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)						INDEXES AT CITYGATE (USD/MMBtu) (b)							
	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE
12/1/2013	Redacted													
12/2/2013	Redacted													
12/3/2013	Redacted													
12/4/2013	Redacted													
12/5/2013	Redacted													
12/6/2013	Redacted													
12/7/2013	Redacted													
12/8/2013	Redacted													
12/9/2013	Redacted													
12/10/2013	Redacted													
12/11/2013	Redacted													
12/12/2013	Redacted													
12/13/2013	Redacted													
12/14/2013	Redacted													
12/15/2013	Redacted													
12/16/2013	Redacted													
12/17/2013	Redacted													
12/18/2013	Redacted													
12/19/2013	Redacted													
12/20/2013	Redacted													
12/21/2013	Redacted													
12/22/2013	Redacted													
12/23/2013	Redacted													
12/24/2013	Redacted													
12/25/2013	Redacted													
12/26/2013	Redacted													
12/27/2013	Redacted													
12/28/2013	Redacted													
12/29/2013	Redacted													
12/30/2013	Redacted													
12/31/2013	Redacted													
Total	Redacted													



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 Daily Benchmark Summary

Confidential Materia  
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2013 - 17  
 December-13

TOTAL COMMODITY BENCHMARK (USD) (c) = (a) x (b)

Date	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	TOTAL
12/1/2013	Redacted							
12/2/2013	Redacted							
12/3/2013	Redacted							
12/4/2013	Redacted							
12/5/2013	Redacted							
12/6/2013	Redacted							
12/7/2013	Redacted							
12/8/2013	Redacted							
12/9/2013	Redacted							
12/10/2013	Redacted							
12/11/2013	Redacted							
12/12/2013	Redacted							
12/13/2013	Redacted							
12/14/2013	Redacted							
12/15/2013	Redacted							
12/16/2013	Redacted							
12/17/2013	Redacted							
12/18/2013	Redacted							
12/19/2013	Redacted							
12/20/2013	Redacted							
12/21/2013	Redacted							
12/22/2013	Redacted							
12/23/2013	Redacted							
12/24/2013	Redacted							
12/25/2013	Redacted							
12/26/2013	Redacted							
12/27/2013	Redacted							
12/28/2013	Redacted							
12/29/2013	Redacted							
12/30/2013	Redacted							
12/31/2013	Redacted							
Total	Redacted							

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Firm and Incremental Storage

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
 P.U. Code Section 583

2013 - 18  
 December-13

Date	PG&E FIRM STORAGE				LODI GAS STORAGE, L.L.C.			
	Injection/ Withdrawal (MMBtu)	Imbalance Trading (MMBtu)	Sales/Transfers (MMBtu)	Parking	Ending Inventory (e) <sup>0</sup> +(a)+(b)+(c)+(d)	Nominations at Field (MMBtu)	Equivalent at Citygate (MMBtu)	Ending Inventory (MMBtu)
	(a)	(b)	(c)	(d)	(e)	(a)	(b)	(c)
Beg. Balance	Redacted							
12/1/2013	Redacted							
12/2/2013	Redacted							
12/3/2013	Redacted							
12/4/2013	Redacted							
12/5/2013	Redacted							
12/6/2013	Redacted							
12/7/2013	Redacted							
12/8/2013	Redacted							
12/9/2013	Redacted							
12/10/2013	Redacted							
12/11/2013	Redacted							
12/12/2013	Redacted							
12/13/2013	Redacted							
12/14/2013	Redacted							
12/15/2013	Redacted							
12/16/2013	Redacted							
12/17/2013	Redacted							
12/18/2013	Redacted							
12/19/2013	Redacted							
12/20/2013	Redacted							
12/21/2013	Redacted							
12/22/2013	Redacted							
12/23/2013	Redacted							
12/24/2013	Redacted							
12/25/2013	Redacted							
12/26/2013	Redacted							
12/27/2013	Redacted							
12/28/2013	Redacted							
12/29/2013	Redacted							
12/30/2013	Redacted							
12/31/2013	Redacted							
Total	Redacted							

Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Capacity Release

Confidential Material  
Submitted Pursuant to  
General Order 66-C and  
P.U. Code Section 583

2013 - 19  
December-13

Pipeline	MMBtu	Amount
EL PASO NATURAL GAS COMPANY, L.L.C.		Redacted
GAS TRANSMISSION NORTHWEST LLC		
KERN RIVER GAS TRANSMISSION COMPANY		
PG&E CALIFORNIA GAS TRANSMISSION		
RUBY PIPELINE, L.L.C.		
TRANSCANADA - FOOTHILLS PIPE LINES LTD.		
TRANSCANADA NOVA GAS TRANSMISSION LTD.		
TRANSWESTERN PIPELINE COMPANY		
Total		

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Capacity Utilization

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
 P.U. Code Section 583

2013 - 20  
 December-13

PG&E CALIFORNIA GAS TRANSMISSION

NORTH PATH-REDWOOD

Month/Year	Daily Volume		Contract Capacity	Capacity Release	Net Contract Capacity	Gas Delivered	Percentage Utilization
	(MMBtu)	Days In Month	(MMBtu)		(c)+(d)		
	(a)	(b)	(a)x(b)	(d)	(e)	(f)	(f)/(e)
Nov-13	Redacted						
Dec-13							
Jan-14							
Feb-14							
Mar-14							
Apr-14							
May-14							
Jun-14							
Jul-14							
Aug-14							
Sep-14							
Oct-14							
Total							

PG&E CALIFORNIA GAS TRANSMISSION

TOPOCK-BAJA

Month/Year	Daily Volume		Contract Capacity	Capacity Release	Net Contract Capacity	Gas Delivered	Percentage Utilization
	(MMBtu)	Days In Month	(MMBtu)		(c)+(d)		
	(a)	(b)	(a)x(b)	(d)	(e)	(f)	(f)/(e)
Nov-13	Redacted						
Dec-13							
Jan-14							
Feb-14							
Mar-14							
Apr-14							
May-14							
Jun-14							
Jul-14							
Aug-14							
Sep-14							
Oct-14							
Total							

EL PASO NATURAL GAS COMPANY, L.L.C.

Month/Year	Daily Volume		Contract Capacity	Capacity Release	Net Contract Capacity	Gas Delivered	Percentage Utilization
	(MMBtu)	Days In Month	(MMBtu)		(c)+(d)		
	(a)	(b)	(a)x(b)	(d)	(e)	(f)	(f)/(e)
Nov-13	Redacted						
Dec-13							
Jan-14							
Feb-14							
Mar-14							
Apr-14							
May-14							
Jun-14							
Jul-14							
Aug-14							
Sep-14							
Oct-14							
Total							

GAS TRANSMISSION NORTHWEST LLC

Month/Year	Daily Volume		Contract Capacity	Capacity Release	Net Contract Capacity	Gas Delivered	Percentage Utilization
	(MMBtu)	Days In Month	(MMBtu)		(c)+(d)		
	(a)	(b)	(a)x(b)	(d)	(e)	(f)	(f)/(e)
Nov-13	Redacted						
Dec-13							
Jan-14							
Feb-14							
Mar-14							
Apr-14							
May-14							
Jun-14							
Jul-14							
Aug-14							
Sep-14							
Oct-14							
Total							

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Capacity Utilization

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
 P.U. Code Section 583

2013 - 21  
 December-13

KERN RIVER GAS TRANSMISSION COMPANY

RUBY PIPELINE, L.L.C.

Month/Year	Daily Volume (MMBtu) (a)	Days In Month (b)	Contract Capacity (MMBtu) (a)x(b) (c)	Capacity Release (d)	Net Contract Capacity (c)+(d) (e)	Gas Delivered (f)	Percentage Utilization (f)/(e) (g)
Nov-13	Redacted						
Dec-13							
Jan-14							
Feb-14							
Mar-14							
Apr-14							
May-14							
Jun-14							
Jul-14							
Aug-14							
Sep-14							
Oct-14							
Total							

Month/Year	Daily Volume (MMBtu) (a)	Days In Month (b)	Contract Capacity (MMBtu) (a)x(b) (c)	Capacity Release (d)	Net Contract Capacity (c)+(d) (e)	Gas Delivered (f)	Percentage Utilization (f)/(e) (g)
Nov-13	Redacted						
Dec-13							
Jan-14							
Feb-14							
Mar-14							
Apr-14							
May-14							
Jun-14							
Jul-14							
Aug-14							
Sep-14							
Oct-14							
Total							

TRANSWESTERN PIPELINE COMPANY

Month/Year	Daily Volume (MMBtu) (a)	Days In Month (b)	Contract Capacity (MMBtu) (a)x(b) (c)	Capacity Release (d)	Net Contract Capacity (c)+(d) (e)	Gas Delivered (f)	Percentage Utilization (f)/(e) (g)
Nov-13	Redacted						
Dec-13							
Jan-14							
Feb-14							
Mar-14							
Apr-14							
May-14							
Jun-14							
Jul-14							
Aug-14							
Sep-14							
Oct-14							
Total							

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Portfolio Composition

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
 P.U. Code Section 583

2013 - 22  
 December-13

Month/Year	<u>MMBtu Purchases</u>				<u>Average Price (USD)</u>				<u>Percentage of Total</u>		
	Swing	Prompt	Term	Total	Swing	Prompt	Term	Total	Swing	Prompt	Term
Nov-13	Redacted										
Dec-13											
Jan-14											
Feb-14											
Mar-14											
Apr-14											
May-14											
Jun-14											
Jul-14											
Aug-14											
Sep-14	Redacted										
Oct-14											
Total	Redacted										

Pacific Gas and Electric Company  
Core Gas Supply CPIM Calculation  
Executed Hedge Summary

Confidential Material  
Submitted Pursuant to  
General Order 66-C and  
P.U. Code Section 583

2013 - 23  
December-13

Execution Month	Coverage Period	Option Volumes (MMBtu)	Option Premiums	Swap Volumes (MMBtu)	Swap Average Price	Total Volume (MMBtu)
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Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 AECO Index

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
 P.U. Code Section 583

2013 - 24  
 December-2013

Month/Year (a)	AECO Index CAN\$/GJ (1) (b)	Conversion of Index to C\$/MMBtu (2) (c)	Foothills Fuel % (d)	Index Grossed Up for Fuel (c) / (1-(d)) (e)	Monthly Exchange Rate (3) (f)	Index @ Kingsgate US\$/MMBtu (e) / (f) (g)	GTN Fuel % (h)	Index Grossed Up for Fuel (g) / (1-(h)) (i)	GTN Volumetric Rate (j)	Total Index @ Malin (i) + (j) (k)	CGT Fuel % (l)	Index Grossed Up for Fuel (k) / (1-(l)) (m)	Redwood CGT Volumetric Rate (n)	Total Index @ Citygate (m) + (n) US\$/MMBtu (o)
Nov-2013	Redacted													
Dec-2013	Redacted													
Jan-2014	Redacted													
Feb-2014	Redacted													
Mar-2014	Redacted													
Apr-2014	Redacted													
May-2014	Redacted													
Jun-2014	Redacted													
Jul-2014	Redacted													
Aug-2014	Redacted													
Sep-2014	Redacted													
Oct-2014	Redacted													

(1) CGPR NGX AB-NIT Month Ahead Index (7A) C\$/GJ

(2) A conversion rate of 1.055056 GJ/MMBtu is used.

(3) This is the Canadian exchange rate at date of settlement.



Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Kingsgate Index

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
 P.U. Code Section 583

2013 - 25  
 December-2013

Month/Year (a)	AECO Index CAN\$/GJ (1) (b)	NOVA IT Rate CAN\$/GJ (c)	Foothills Fuel % (d)	Foothills IT Rate CAN\$/GJ (e)	Monthly Exchange Rate (2) (f)	Index @ Kingsgate US\$/MMBtu (3) (g)	GTN Fuel % (h)	Index Grossed Up for Fuel (g) / [1-(h)] (i)	GTN Volumetric Rate (j)	Total Index @ Malin (i) + (j) (k)	CGT Fuel % (l)	Index Grossed Up for Fuel (k) / [1-(l)] (m)	Redwood CGT Volumetric Rate (n)	Total Index @ Citygate (m) + (n) US\$/MMBtu (o)
Nov-2013	Redacted													
Dec-2013														
Jan-2014														
Feb-2014														
Mar-2014														
Apr-2014														
May-2014														
Jun-2014														
Jul-2014														
Aug-2014														
Sep-2014														
Oct-2014														

(1) CGPR NGX AB-NIT Month Ahead Index (7A) Cdn\$/GJ

(2) Conversion rate at date of settlement CAN\$/US\$

(3) Index @ Kingsgate =  $\frac{((b+c)/(1-d))+e}{f} * (1.055056 \text{GJ/MMBtu})$

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Rockies Ruby Index

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
 P.U. Code Section 583

2013 - 26  
 December-2013

Month/Year (a)	Ruby Index \$/MMBtu (1) (b)	Ruby Fuel % (c)	Index Grossed Up for Fuel (b) / [1-(c)] (d)	Ruby Volumetric Rate (e)	Index @ Malin \$/MMBtu (d) + (e) (f)	CGT Fuel % (g)	Index Grossed Up for Fuel (f) / [1-(g)] (h)	CGT Redwood Volumetric Rate (i)	Total Index @ Citygate \$/MMBtu (h) + (i) (j)
Nov-2013	Redacted								
Dec-2013									
Jan-2014									
Feb-2014									
Mar-2014									
Apr-2014									
May-2014									
Jun-2014									
Jul-2014									
Aug-2014									
Sep-2014									
Oct-2014									

(1) Per Inside FERC Gas Market Report, Northwest Pipeline - Rocky Mountains

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Rockies Kern Index

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
 P.U. Code Section 583

2013 - 27  
 December-2013

Month/Year (a)	Kern Index \$/MMBtu (1) (b)	Kern Fuel % (c)	Index Grossed Up for Fuel (b) / [1-(c)] (d)	Kern Volumetric Rate (e)	Index @ Daggett \$/MMBtu (d) + (e) (f)	CGT Fuel % (g)	Index Grossed Up for Fuel (f) / [1-(g)] (h)	CGT Baja Volumetric Rate (i)	Total Index @ Citygate \$/MMBtu (h) + (i) (j)
Nov-2013	Redacted								
Dec-2013	Redacted								
Jan-2014	Redacted								
Feb-2014	Redacted								
Mar-2014	Redacted								
Apr-2014	Redacted								
May-2014	Redacted								
Jun-2014	Redacted								
Jul-2014	Redacted								
Aug-2014	Redacted								
Sep-2014	Redacted								
Oct-2014	Redacted								

(1) Per Inside FERC Gas Market Report, Northwest Pipeline - Rocky Mountains

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 El Paso/SJ Index

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
 P.U. Code Section 583

2013 - 28  
 December-2013

Month/Year (a)	El Paso Index \$/MMBtu (1) (b)	El Paso Fuel % (c)	Index Grossed Up for Fuel (b) / [1-(c)] (d)	El Paso Volumetric Rate (e)	Index @ Topock \$/MMBtu (d) + (e) (f)	CGT Fuel % (g)	Index Grossed Up for Fuel (f) / [1-(g)] (h)	CGT Volumetric Rate (i)	El Paso Index @ Citygate \$/MMBtu (h) + (i) (j)	Transwestern Index @ Citygate \$/MMBtu (k)	El Paso % (l)	Transwestern % (m)	Total Index @ Citygate \$/MMBtu (n)
Nov-2013	Redacted												
Dec-2013	Redacted												
Jan-2014	Redacted												
Feb-2014	Redacted												
Mar-2014	Redacted												
Apr-2014	Redacted												
May-2014	Redacted												
Jun-2014	Redacted												
Jul-2014	Redacted												
Aug-2014	Redacted												
Sep-2014	Redacted												
Oct-2014	Redacted												

(1) Per Inside FERC Gas Market Report, El Paso Natural Gas - San Juan

Pacific Gas and Electric Company  
 Core Gas Supply CPIM Calculation  
 Transwestern Index

Confidential Material  
 Submitted Pursuant to  
 General Order 66-C and  
 P.U. Code Section 583

2013 - 29  
 December-2013

Month/Year (a)	Transwestern Index (1) \$/MMBtu (b)	Transwestern Fuel % (c)	Index Grossed Up for Fuel (b) / [1-(c)] (d)	Transwestern Volumetric Rate (e)	Index @ Topock \$/MMBtu (d) + (e) (f)	CGT Fuel % (g)	Index Grossed Up for Fuel (f) / [1-(g)] (h)	CGT Volumetric Rate (i)	Total Index @ Citygate \$/MMBtu (h) + (i) (j)
Nov-2013	Redacted								
Dec-2013									
Jan-2014									
Feb-2014									
Mar-2014									
Apr-2014									
May-2014									
Jun-2014									
Jul-2014									
Aug-2014									
Sep-2014									
Oct-2014									

(1) Per Inside FERC Gas Market Report, Transwestern Pipeline - San Juan