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

2014 - 1 February-14

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

		CANADIAN AND	U.S. GAS COSTS		PIPELINE RESERV	ATION CHARGES		TOTAL CPIM P	ERFORMANCE			TOLERANCE BAND	
				Actuals % of						Actuals % of			(Over)/Under
Month/Year	Actuals	Benchmark	Benchmark - Actuals	Benchmark	Actuals	Benchmark	Actuals	Benchmark	Benchmark - Actuals	Benchmark	Upper Limit	Lower Limit	Tolerance
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													
Tota													

Redacted

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

2013 - 2 November-13

		Purchases (MMBtu)	Sales (MMBtu)	Net Purchases and Sales (MMbtu) (a)+(b)	Purchase Costs	Sales Revenue	Total Net Costs (d)+(e)
Pipeline Redacted	Location	 (a)	(b)	(c)	(d)	(e)	(f)
1							

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

2013 - 3 November-13 **Confidential Material**

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)
Redacted	Contract	14)			101	161	

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

Benchmark - Actual

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

2013 - 4 November-13

	Actual Costs	Benchmark Costs	Costs
Commodity Costs and Revenues			
Commodity Costs and Revenues			

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)
Redacted		. ,			. ,	.,	

2013 - 6 November-13

Benchmark Load	

	Dentimark Load													
Date	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	CITYGATE
Redacted														

November-13														
_				OLUMES AT CITYGATI				1			AT CITYGATE (USD/M			
Date	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	ТОРОСК-ВАЈА	CITYGATE
Redacted														

2013 - 7 November

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

November-13			TOTAL COMMO	DITY BENCHMARK (US	5D) (c) = (a) x (b)				
Date Redacted	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	ТОРОСК-ВАЈА	CITYGATE	TOTAL	
Redacted									

2013 - 8

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

			PG&E FIRM STORAG	<u>BE</u>		Reda	acted	
ate	Injection/ Withdrawal (MMBtu) (a)	Imbalance Trading (MMBtu) (b)	Sales/Transfers (MMBtu) (c)	Parking (d)	Ending Inventory (e) ⁰ +(a)+(b)+(c)+(d) (e)	Nominations at Field (MMBtu) (a)	Equivalent at Citygate (MMBtu) (b)	Ending Invento (MMBtu) (c)
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
Pipeline Redacted		

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

2013 - 11 December-13 Confidential Material Submitted Pursuant to General Order 66-C and P.U. Code Section 583

Pipeline	Location	Purchases (MMBtu) (a)	Sales (MMBtu) (b)	Net Purchases and Sales (MMbtu) (a)+(b) (c)	Purchase Costs (d)	Sales Revenue (e)	Total Net Costs (d)+(e) (f)
Redacted							

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

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)
Redacted							

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

2013 - 13 December-13

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

Benchmark - Actual Benchmark Costs Costs

Actual Costs

c

ommodity Costs and Revenues	
Redacted	

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)
Redacted	(4)			(4)			

2013 - 15 December-13						Daily Be	enchmark s	sequence						P.U. C	Э
Date	Benchmark Load at Citygate	RUBY OPAL	NOVA AECO	TW SAN JUAN GTN KING	SGATE KR OPAL	NOVA AECO	NOVA AECO	TW SAN JUAN	RUBY OPAL	TW SAN JUAN	RUBY OPAL	ТОРОСК-ВАЈА	CITYGATE	CITYGATE	
Redacted															

2013 - 16

December-13														
			SEQUENCED V	OLUMES AT CITYGAT	E (MMBtu) (a)					INDEXES A	AT CITYGATE (USD/M	MBtu) (b)		
Date	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
Redacted														

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

December-13			TOTAL COMMOD	<u>DITY BENCHMARK</u> (U	SD) (c) = (a) x (b))		
Redacted	RURY ΩΡΔΙ	ΝΟΥΔ ΔΕΓΟ	τω ςαν παν	GTN KINGSGATE	ΚΡ ΟΡΔΙ	TOPOCK-RAIA	CITYGATE	τοται
Redacted								

2013 - 17

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

December-13			PG&E FIRM STORAG	ΞE		Rec	lacted	
Date	Injection/ Withdrawal (MMBtu) (a)	Imbalance Trading (MMBtu) (b)	Sales/Transfers (MMBtu) (c)	Parking (d)	Ending Inventory (e) ⁰ +(a)+(b)+(c)+(d) (e)	Nominations at Field (MMBtu) (a)	Equivalent at Citygate (MMBtu) (b)	Ending Invento (MMBtu) (c)
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
Redacted		

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

2014 - 20

January-14

		Purchases (MMBtu)	Sales (MMBtu)	Net Purchases and Sales (MMbtu) (a)+(b)	Purchase Costs	Sales Revenue	Total Net Costs (d)+(e)
Redacted	Location	(a)	(b)	(c)	(d)	(e)	(f)
Redacted							

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

eline/Facilitydacted	Contract	(a)	(b)		1.15	Costs (USD)	(d)+(e)
				(c)	(d)	(e)	(f)

2014 - 21 January-14

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

Actual Costs

2014 - 22 January-14

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

Benchmark - Actual Costs

Benchmark Costs

dity Costs and R

Redacted		

2014 - 23 January-14

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

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)
Redacted							

RUBY OPAL

TW SAN JUAN RUBY OPAL TW SAN JUAN TOPOCK-BAJA

NOVA AECO NOVA AECO

CITYGATE

2014 - 24 January-14

> Benchmark Load at Citvgate

RUBY OPAL

NOVA AECO TW SAN JUAN GTN KINGSGATE KR OPAL

Redacted

January-14															
				OLUMES AT CITYGAT							<u>T CITYGATE</u> (USD/M				
Date	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	ΤΟΡΟϹΚ-ΒΑΙΑ	CITYGATE	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	~
Redacted															

2014 - 25

January-14			TOTAL COMMO	DITY BENCHMARK (US	D) (c) = (a) x (b))		
Date	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	TOTAL
Redacted								

2014 - 26

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

January-14			Rec	lacted				
Date	Injection/ Withdrawal (MMBtu) (a)	Imbalance Trading (MMBtu) (b)	PG&E FIRM STORAG Sales/Transfers (MMBtu) (c)	Parking (d)	Ending Inventory (e) ⁰ +(a)+(b)+(c)+(d) (e)	Nominations at Field (MMBtu) (a)	Equivalent at Citygate (MMBtu) (b)	Ending Invento (MMBtu) (c)
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

2014 - 28

January-14

Pipeline	MMBtu	Amount
Pipeline Redacted		

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

2014 - 29 January-14

G&E CALIFORNI,	IA GAS TRANSMIS	SION		NORTH PAT	TH-REDWOOD			PG&E CALIFORNIA	GAS TRANSMISSION			TOPOCK	-BAJA		
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)	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)
Redacted															
PASO NATURA	AL GAS COMPANY,	 /, L.L.C.						GAS TRANSMISSIO	N NORTHWEST LLC						
			Contract		Not Contract		2						Not Contract		December
	Daily Volume		Capacity (MMBtu)	Capacity	Net Contract Capacity		Percentage Utilization		Daily Volume		Contract Capacity (MMBtu)		Net Contract Capacity		Percentage Utilization
1onth/Year	(MMBtu) (a)	Days In Month (b)	(a)x(b) (c)	Release (d)	(c)+(d) (e)	Gas Delivered (f)	(f)/(e) (g)	Month/Year	(MMBtu) (a)	Days In Month (b)	(a)x(b) (c)	Capacity Release (d)	(c)+(d) (e)	Gas Delivered (f)	(f)/(e) (g)
edacted															

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

2014 - 30 January-14

KERN RIVER GAS	TRANSMISSION C	OMPANY						RUBY PIPELINE, L.L.C.							
	Daily Volume (MMBtu)	Days In Month	Contract Capacity (MMBtu) (a)x(b)	Capacity Release	Net Contract Capacity (c)+(d)	Gas Delivered	Percentage Utilization (f)/(e)		Daily Volume (MMBtu)	Days In Month	Contract Capacity (MMBtu) (a)x(b)	Capacity Release	Net Contract Capacity (c)+(d)	Gas Delivered	Percentage Utilization (f)/(e)
Redacted															

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)
Redacted	10/	.21		101			

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

2014 - 31 February-14

Pinolino	location	Purchases (MMBtu)	Sales (MMBtu)	Net Purchases and Sales (MMbtu) (a)+(b)	Purchase Costs	Sales Revenue	Total Net Costs (d)+(e) (f)
Redacted	Location	(3)	(b)	10)	10)	(0)	17)

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

2014 - 32 February-14

Pipeline/Facility	Contract	Fixed Reservation Costs (USD) (a)	Reservation Cost C Discount (b)	Capacity Release Revenue (c)	Cost Subtotal (a)+(b)+(c) (d)	Volumetric Transportation Costs (USD) (e)	Total Costs (d)+(e) (f)
Redacted							

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

Actual Costs

2014 - 33 February-14

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

Benchmark - Actual

Benchmark Costs Costs

Commodity Costs and Revenues

2014 - 34 February-14

Data	Burner Tip Determined Usage (Therms)	Citygate Determined Usage (Therms) (a)x(1+dist. shrink rate) (b)	Citygate Determined Usage (MMBtu) (b)/10	Operating Imbalance Adjustment (MMBtu)	Firm Storage Profile Inj/(Wth) (MMBtu)	Incremental Storage Inj/(Wth) (MMBtu) (f)	Benchmark Load at Citygate (MMBtu) (c)+(d)+(e)+(f)
Redacted	131		141			, FF	

NOVA AECO NOVA AECO RUBY OPAL

RUBY OPAL TW SAN JUAN TW SAN JUAN TOPOCK-BAJA

CITYGATE

2014 - 35 February-14

> Benchmark Load at Citygate RUBY OPAL

NOVA AECO TW SAN JUAN GTN KINGSGATE KR OPAL

Redacted

February-14														
		SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)						INDEXES AT CITYGATE (USD/MMBtu) (b)						
Date	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
Redacted														

2014 - 36

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

February-14			TOTAL COMMO	DITY BENCHMARK (US	D) (c) = (a) x (b)			
Date	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	TOTAL
Redacted								

2014 - 37

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

2014 - 38	
February-14	1

February-14			PG&E FIRM STORAG		Redacted				
Date	Injection/ Withdrawal (MMBtu) (a)	Imbalance Trading (MMBtu) (b)	Sales/Transfers (MMBtu) (c)	Parking (d)	Ending Inventory (e) ⁰ +(a)+(b)+(c)+(d) (e)	Nominations at Field (MMBtu) (a)		Ending Inventor (MMBtu) (c)	
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

2014 - 39

February-14

Pipeline	MMBtu	Amount
Pipeline Redacted		

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

2014 - 40 February-14

S&E CALIFORNIA GAS TRANSMISSION		NORTH PATH-REDWOOD				PG&E CALIFORNIA	PG&E CALIFORNIA GAS TRANSMISSION			ТОРОСК-ВАЈА					
h/Year	Daily Volume (MMBtu) (a)	Days In Month (b)	Capacity (MMBtu) (a)x(b) (c)	Capacity Release (d)	Net Contract Capacity (c)+(d) (e)	Gas Delivered (f)	Percentage Utilization (f)/(e) (g)	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)	Percentag Utilization (f)/(e) (g)
dacted															
<u>SO NATURA</u>	L GAS COMPANY	<u>, L.L.C.</u>	Contract					GAS TRANSMISSIO	N NORTHWEST LLC						
	Daily Volume (MMBtu)	Days In Month	Capacity (MMBtu) (a)x(b)	Capacity Release	Net Contract Capacity {c)+(d}	Gas Delivered	Percentage Utilization (f)/(e)		Daily Volume (MMBtu)	Days In Month	Contract Capacity (MMBtu) (a)x(b)	Capacity Release	Net Contract Capacity {c}+(d}	Gas Delivered	Utilizatio (f)/(e)
Vear	Daily Volume		Capacity (MMBtu)		Capacity	Gas Delivered	Utilization	GAS TRANSMISSIO	Daily Volume	Days In Month /h۱	(MMBtu)	Capacity Release	Capacity	Gas Delivered (f)	Utilizatio
Vear	Daily Volume (MMBtu)	Days In Month	Capacity (MMBtu) (a)x(b)	Release	Capacity {c}+(d)		Utilization (f)/(e)		Daily Volume (MMBtu)		(MMBtu) (a)x(b)		Capacity (c)+(d)		Utilizatio (f)/(e)
Vear	Daily Volume (MMBtu)	Days In Month	Capacity (MMBtu) (a)x(b)	Release	Capacity {c}+(d)		Utilization (f)/(e)		Daily Volume (MMBtu)		(MMBtu) (a)x(b)		Capacity (c)+(d)		Utilizati (f)/(e)
h/Vear	Daily Volume (MMBtu)	Days In Month	Capacity (MMBtu) (a)x(b)	Release	Capacity {c}+(d)		Utilization (f)/(e)		Daily Volume (MMBtu)		(MMBtu) (a)x(b)		Capacity (c)+(d)		Utilizatio (f)/(e)
so natura h/year lacted	Daily Volume (MMBtu)	Days In Month	Capacity (MMBtu) (a)x(b)	Release	Capacity {c}+(d)		Utilization (f)/(e)		Daily Volume (MMBtu)		(MMBtu) (a)x(b)		Capacity (c)+(d)		Utilizatio (f)/(e)
h/Vear	Daily Volume (MMBtu)	Days In Month	Capacity (MMBtu) (a)x(b)	Release	Capacity {c}+(d)		Utilization (f)/(e)		Daily Volume (MMBtu)		(MMBtu) (a)x(b)		Capacity (c)+(d)		Percentaj Utilizatio (f)/(e) (ơ)

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

2014 - 41 February-14

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)	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)
Redacted	·		·	·		i.			·			·	·	·	

TRANSWESTERN PIPELINE COMPANY

_Month/Year	Daily Volume (MMBtu) (a)	Days In Month	Contract Capacity (MMBtu) (a)x(b) (c)	Capacity Release (d)	Net Contract Capacity (c)+(d) (e)	Gas Delivered	Percentage Utilization (f)/(e) (g)
Redacted	, Al		<i>H</i> .1	+01	,8)		

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

2014 - 42

February-14

	MMBtu Purchases						rice (USD)		Ī	Percentage of Total		
Month/Year Redacted	Swing	Prompt	Term	Total	Swing	Prompt	Term	Total	Swing	Prompt	Term	
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

2014 - 43 February-14

Execution	Coverage	Option Volumes	Option	Swap Volumes	Swap Average	Total Volume
Month	Period	(MMBtu)	Premiums	(MMBtu)	Price	(MMBtu)
Redacted						

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

20)14 -	44	
_			

2014 - 44														
ebruary-2014														
				Index Grossed		Index		Index				Index	Redwood	Total Index
		Conversion of		Up	Monthly	@ Kingsgate		Grossed Up	GTN	Total		Grossed Up	CGT	@ Citygate
	AECO Index	Index to	Foothills	for Fuel	Exchange	U\$/MMBtu	GTN	for Fuel	Volumetric	Index @ Malin	CGT	for Fuel	Volumetric	(m) + (n)
Month/Year	CAN\$/GJ (1)	C\$/MMBtu (2)	Fuel %	(c) / (1-(d))	Rate (3)	(e) / (f)	Fuel %	(g) / (1-(h))	Rate	(i) + (j)	Fuel %	(k) / (1-(l))	Rate	U\$/MMBtu
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(i)	(k)	(1)	(m)	(n)	(0)
Redacted														

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation

2014 - 45 February-2014

Core Gas Sur Kin	pply CPIM gsgate Ind						Gene	mitted Pursuant to ral Order 66-C and . Code Section 583
Index		Index				Index	Redwood	Total Index
@ Kingsgate		Grossed Up	GTN	Total		Grossed Up	CGT	@ Citygate
US\$/MMBtu	GTN	for Fuel	Volumetric	Index @ Malin	CGT	for Fuel	Volumetric	(m) + (n)
(3)	Fuel %	(g) / [1-(h)]	Rate	(i) + (j)	Fuel %	(k) / [1-(l)]	Rate	U\$/MMBtu
(-)	(1-)	(*)	(1)	0.5	(1)	1>	()	(-)

		NOVA		Foothills	Monthly	@ Kingsgate		Grossed Up	GTN	Total		Grossed Up	CGT	@ Citygate
	AECO Index	IT Rate	Foothills	IT Rate	Exchange	US\$/MMBtu	GTN	for Fuel	Volumetric	Index @ Malin	CGT	for Fuel	Volumetric	(m) + (n)
Month/Year C	CAN\$/GJ (1)	CAN\$/GJ	Fuel %	CAN\$/GJ	Rate (2)	(3)	Fuel %	(g) / [1-(h)]	Rate	(i) + (j)	Fuel %	(k) / [1-(l)]	Rate	U\$/MMBtu
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	(n)	(o)
Redacted														

Redacted

Confidential Material

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

2014 - 46 February-2014

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)
Redacted				(-)		(6)			

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

2014 - 47	
February-2014	

			Index		Index		Index	CCT D :	Total Index
	Kern Index	Kern	Grossed Up for Fuel	Kern	@ Daggett \$/MMBtu	CGT	Grossed Up for Fuel	CGT Baja Volumetric	@ Citygate \$/MMBtu
Month/Year	\$/MMBtu (1)	Fuel %	(b) / [1-(c)]	Volumetric Rate	(d) + (e)	Fuel %	(f) / [1-(g)]	Rate	(h) + (i)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(i)
edacted									

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

2014 - 48

February-2014 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 % (I)	Transwestern % (m)	Total Index @ Citygate \$/MMBtu (n)
Redacted													

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

2014 - 49

February-2014

February-2014									
			Index		Index		Index		Total Index
	Transwestern		Grossed Up		@ Topock		Grossed Up	CGT	@ Citygate
	Index (1)	Transwestern	for Fuel	Transwestern	\$/MMBtu	CGT	for Fuel	Volumetric	\$/MMBtu
Month/Year	\$/MMBtu	Fuel %	(b) / [1-(c)]	Volumetric Rate	(d) + (e)	Fuel %	(f) / [1-(g)]	Rate	(h) + (i)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Redacted	• •		• •	, 1			· ·	••	

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

2014 - 50 November-2013

Daily Index @ Topock \$/MMBtu (1) (b)	CGT Fuel % (c)	Index Grossed Up for Fuel (b) / [1-{c)] (d)	CGT Volumetric Rate (e)	Total Index @ Citygate \$/MMBtu (d) + (e) (f)
	@ Topock \$/MMBtu (1)	@ Topock CGT \$/MMBtu (1) Fuel %	Daily Index Grossed Up @ Topock CGT for Fuel \$/MMBtu (1) Fuel % (b) / [1-(c)]	Daily Index Grossed Up CGT @ Topock CGT for Fuel Volumetric \$/MMBtu (1) Fuel % (b) / [1-(c)] Rate

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2014 - 51 December-2013

Date (a)	Daily Index @ Topock \$/MMBtu (1) (b)	CGT Fuel % (c)	Index Grossed Up for Fuel (b) / [1-(c)] (d)	CGT Volumetric Rate (e)	Total Index @ Citygate \$/MMBtu (d) + (e) (f)
Redacted					

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

2014 - 52 January-2014

	Date (a) lacted	Daily Index @ Topock \$/MMBtu (1) (b)	CGT Fuel % (c)	Index Grossed Up for Fuel (b) / [1-(c)] (d)	CGT Volumetric Rate (e)	Total Index @ Citygate \$/MMBtu (d) + (e) (f)
Rec	lacted					

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

2014 - 53 February-2014

Date	Daily Index @ Topock \$/MMBtu (1) (b)	CGT Fuel %	Index Grossed Up for Fuel (b) / [1-(c)] (d)	CGT Volumetric Rate (e)	Total Index @ Citygate \$/MMBtu (d) + (e) (f)
Redacted					

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

2014 - 54 November-2013

	PG&E
	Citygate
Date	Index (1)
Redacted	(h)

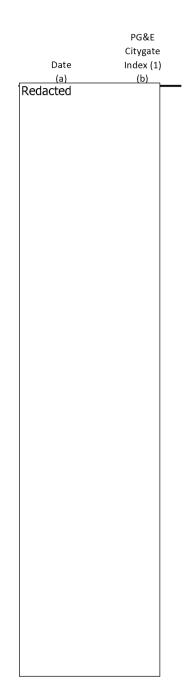
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PG&E Citygate Date Index (1) (a) (b) Redacted

2014 - 55 December-2013

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2014 - 56 January-2014



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

2014 - 57 February-2014

