## 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

2014 - 1 May-14

	<u>TOLERANCE BAND</u>		
Actuals % of	(Over)/Under ver Limit Tolerance		
sencimark benchmark-Actuals benchmark Opper Limit Low	er Ennit Tolerance		
Зе	Actuals % of enchmark Benchmark - Actuals Benchmark Upper Limit Low.		

Redacted			

2013 - 2 November-13

				Net Purchases	5		
				and Sales			
		Purchases	Sales	(MMbtu)			Total Net Costs
		(MMBtu)	(MMBtu)	(a)+(b)	Purchase Costs	Sales Revenue	(d)+(e)
Pipeline	Location	(a)	(b)	(c)	(d)	(e)	(f)
Redacted							

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

2013 - 3 November-13

		Fixed				Volumetric		
		Reservation		<b>Capacity Release</b>		Transportation	Total Cost	
		Costs (USD)	Discount	Revenue	(a)+(b)+(c)	Costs (USD)	(d)+(e)	
edacted	Canhuash	1-1	11.3	/-1	/.i\	1-1	/A	
3440004								

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

Benchmark - Actual

2013 - 4 November-13

Redacted

Actual Costs Benchmark Costs

Costs

Redacted

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

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

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

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

Date	Benchmark Load 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														

2013 - 7 November-13

ioveilipei-12														
			SEQUENCED V	OLUMES AT CITYGAT	<u>E</u> (MMBtu) (a)			INDEXES AT CITYGATE (USD/MMBtu) (b)						
Date edacted	RUBY OPAL	NOVA AECO		GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE
edacted														

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

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-BAIA CITYGATE TOTAL

Redacted

Confidential Materia Submitted Pursuant to General Order 66-C and P.U. Code Section 583 2013 - 9 November-13

Movember-13			PG&E FIRM STORAG	<u>iE</u>		Rec	lacted	
<u>Date</u>	Injection/ Withdrawal (MMBtu) (a)	Imbalance Trading (MMBtu) (b)	Sales/Transfers (MMBtu) (c)	Parking (d)	Ending Inventory (e) <sup>0</sup> +(a)+(b)+(c)+(d) (e)	Nominations at Field (MMBtu) (a)	Equivalent at Citygate (MMBtu) (b)	Ending Inventory (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		

2013 - 11 December-13

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							

2013 - 12 December-13

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

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

Benchmark - Actual

2013 - 13 December-13

Actual Costs Benchmark Costs Costs

Redacted

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

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

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

Citygate

2013 - 14 December-13

Date	Burner Tip Determined Usage (Therms) (a)	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	(a)	(6)	(0)	(u)	(e)	(1)	(8)
Reducted							

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

2013 - 15 December-13

	Benchmark Load														
Redacted	ot Citurote	DIIDV ODAI	NOVA AECO	TW SAN IIIAN GTN KINGSGATE	VP ODAI	NOVA AECO	NOVA AECO	TW/ CAN IIIAN	DI IDV ODAI	TWO CAN IIIAN	DIIDVADAI	TODOCK BYIN	CITYGATE	CITVGATE	٦
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1															
1															
1															
1															1
1															1

2013 - 16 December-13

December-13														
				OLUMES AT CITYGATE							<u>T CITYGATE</u> (USD/MI			
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														

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 - 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
Redacted								

Redacted

2013 - 18 December-13

			, cae i mun si ciure	_		rtca	actcu	
Date Redacted	Injection/ Withdrawal (MMBtu) (a)	Imbalance Trading (MMBtu) (b)	Sales/Transfers (MMBtu) (c)	Parking (d)	Ending inventory (e) <sup>0</sup> +(a)+(b)+(c)+(d) (e)	Nominations at Field (MMBtu) (a)	Equivalent at Citygate (MMBtu) (b)	Ending Inventory (MMBtu) (c)
Redacted								
reducted								

PG&E FIRM STORAGE

## 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		

2014 - 20

January-14

_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	20041011	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\~/	(0)	(4)	101	111

2014 - 21 January-14

_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

Benchmark - Actual

2014 - 22 January-14

Redacted Extra large lar

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

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

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

Citygate

2014 - 23 January-14

Date	Burner Tip Determined Usage (Therms) (a)	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)	(2)	(6)	(4)	(0)	V-7	(8)

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

2014 - 24 January-14

Data	Benchmark Load at Citygate	RUBY OPAL	NOVA AEGO	TW SAN JUAN GTN KINGSGATE	KD ODAL	NOVA AECO	NOVA AECO	DLIDY OD AL	TW CAN IIIAN	DUDY ODAL	TIM/CANI II IANI	TOROCK BAIA	CITYCATE
Redacted	at Cityeate	KUBY UPAL	NOVA AECO	TW SAN JUAN GIN KINGSGATE	KR UPAL	NOVA AECO	NOVA AECO	RUBY UPAL	TW SANJUAN	RUBY OPAL	TW SANJUAN	TOPOCK-BAJA	CITYGATE

2014 - 25 January-14

arruary-14														
			SEQUENCED V	OLUMES AT CITYGAT	<u>E</u> (MMBtu) (a)			_		INDEXES A	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	TOPOCK-BAJA	CITYGATE
Redacted														

2014 - 26 January-14

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

								ı
Date	RURY OPAL	NOVA AFCO	TW SAN IIIAN	GTN KINGSGATE	KR OPAI	TOPOCK-RAIA	CITYGATE	TOTAL
Redacted								

Redacted

2014 - 27 January-14

Date	Injection/ Withdrawal (MMBtu) (a)	Imbalance Trading (MMBtu) (b)	Sales/Transfers (MMBtu) (c)	Parking (d)	Ending Inventory (e) <sup>0</sup> +(a)+(b)+(c)+(d) (e)	Nominations at Field (MMBtu) (a)	Equivalent at Citygate (MMBtu) (b)	Ending Inventory (MMBtu) (c)
Redacted								

PG&E FIRM STORAGE

## 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

MMBtu	Amount
	MMBtu

2014 - 29 February-14

<u>Pipeline</u>	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			, .,	, - <u>,</u>	, <b>,</b>		, ,

Fixed

Volumetric

2014 - 30 February-14

		TIACU				Volumetric	
		Reservation	Reservation Cost	Capacity Release	Cost Subtotal	Transportation	Total Costs
		Costs (USD)	Discount	Revenue	(a)+(b)+(c)	Costs (USD)	(d)+(e)
peline/Facility	Contract	(a)	(b)	(c)	(d)	(e)	(f)
dacted	Contract	(6)	(5)	(~)	(4)	(0)	(')
iacteu							

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

Benchmark - Actual

2014 - 31 February-14

Redacted

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

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

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

Citygate

2014 - 32 February-14

Date	Burner Tip Determined Usage (Therms) (a)	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	(α /	(5)	(6)	(α)	(0)	(1)	(6)

2014 - 33 February-14

	Benchmark 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	d													

2014 - 34 February-14

				SEQUENCED VO	OLUMES AT CITYGAT	E (MMBtu) (a)					INDEXES A	AT CITYGATE (USD/MI	MBtu) (b)		
dacted	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 - 35

February-14 <u>TOTAL COMMODITY BENCHMARK</u> (USD) (c) = (a) x (b)

Date	RURY OPAI	ΝΟΛΑ ΦΕΟΟ	Τ\Λ/ \$ΔΝ ΙΙΙΔΝ	GTN KINGSGATE	KR ∩PΔI	TOPOCK-RAIA	CITYGATE	TOTAL
Redacted	жан са ві	38178	INV IAW MAN	CHINA KINKE KILA KI	ж. ж.	I A LA A SI		1,71,63

## 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 - 36 February-14

February-14			PG&E FIRM STORAG	<u>SE</u>		Red	dacted	
Date	Injection/ Withdrawal (MMBtu) (a)	Imbalance Trading (MMBtu) (b)	Sales/Transfers (MMBtu) (c)	Parking (d)	Ending Inventory (e) <sup>0</sup> +(a)+(b)+(c)+(d) (e)	Nominations at Field (MMBtu) (a)	Equivalent at Citygate (MMBtu) (b)	Ending Inventory (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 - 37

February-14

Pipeline	MMBtu	Amount
Redacted		

2014 - 38 March-14

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

2014 - 39 March-14

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	(3)	(2)	(0)	(4)	(0)	(1)

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

Benchmark - Actual

2014 - 40 March-14

Commodity Costs and Revenues

Redacted

Actual Costs Benchmark Costs Costs

Costs

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

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

Citygate

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

2014 - 41 March-14

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

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

2014 - 42 March-14

	Benchmark Load													
Date	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
Redacted														

2014 - 43 March-14

Maich-14														
			SEQUENCED V	OLUMES AT CITYGATE	E (MMBtu) (a)			ı		INDEXES A	T CITYGATE (USD/MI	ЛBtu) (b)		
Date	RUBY OPAL	NOVA AECO	Τ\Λ/ SΔΝ ΙΙΙΔΝ	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	RUBY OPAL	NOVA AECO	TW SAN IIIAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE
Redacted	HODI OF AL	,,ova acco	, w saw som	C. II KINGSONIE	MOTAL	, or ock brok	SHIGHT	, NOBI OF AL	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	. W SAW SOM	S. I. KINGSGATE	MI OJ AL	. S, SCK BAJA	SITIONIE
1														

2014 - 44 March-14

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

					/(-/ (-/(	•		
Date	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	TOTAL
Date Redacted								

Redacted

2014 - 45 March-14

Widicii 14			PG&E FIRM STORAG		Reda	cted		
Date	Injection/ Withdrawal (MMBtu) (a)	Imbalance Trading (MMBtu) (b)	Sales/Transfers (MMBtu) (c)	Parking (d)	Ending Inventory (e) <sup>0</sup> +(a)+(b)+(c)+(d) (e)	Nominations at Field (MMBtu) (a)	Equivalent at Citygate (MMBtu) (b)	Ending Inventory (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 - 46 March-14

Pipeline	MMBtu	Amount
Pipeline Redacted		

2014 - 47 April-14

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

2014 - 48 April-14

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

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

Benchmark - Actual Costs

2014 - 49 April-14

Redacted

Redirected

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

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

Citygate

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

2014 - 50 April-14

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

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

2014 - 51 April-14

	Benchmark Load												
Date	at Citygate	RUBY OPAL	NOVA AECO	TW SAN JUAN GTN KINGSGATE	KR OPAL	TW SAN JUAN	NOVA AECO	RUBY OPAL	TW SAN JUAN	RUBY OPAL	NOVA AECO	TOPOCK-BAJA	CITYGATE
Redacted													

SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)

INDEXES AT CITYGATE (USD/MMBtu) (b)

2014 - 52 April-14

					. , , ,			1			, ,	, , ,		
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								•						
														ļ

2014 - 53 April-14

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

Date	RIIRV OPAI	NOVA AECO	TW/SAN IIIAN	GTN KINGSGATE	KB UDVI	TOPOCK-RAIA	CITYGATE	TOTAL
Redacted			1 17 1410 117410	THE RESERVE OF THE PARTY OF THE				

Redacted

2014 - 54 April-14

			PG&E FIRM STORAG	<u>GE</u>	Redacted					
Date	Injection/ Withdrawal (MMBtu) (a)	Imbalance Trading (MMBtu) (b)	Sales/Transfers (MMBtu) (c)	Parking (d)	Ending inventory (e) <sup>0</sup> +(a)+(b)+(c)+(d) (e)	Nominations at Field (MMBtu) (a)	Equivalent at Citygate (MMBtu) (b)	Ending Inventory (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 - 55

April-14

Pipeline	MMBtu	Amount
Redacted		

2014 - 56 May-14

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

2014 - 57

May-14

		Fixed				Volumetric	
		Reservation	Reservation Cost	Capacity Release	Cost Subtotal	Transportation	Total Costs
		Costs (USD)	Discount	Revenue	(a)+(b)+(c)	Costs (USD)	(d)+(e)
Pineline/Facility	Contract	(a)	(h)	(a)	(4)	(e)	(f)
Redacted							

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

Benchmark - Actual

2014 - 58 May-14

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

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

Citygate

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

2014 - 59 May-14

Date	Burner Tip Determined Usage (Therms) (a)	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							

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

2014 - 60 May-14

	Benchmark Load													
Date	at Citygate	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	RUBY OPAL	TW SAN JUAN	NOVA AECO	RUBY OPAL	NOVA AECO	TW SAN JUAN	TOPOCK-BAJA	CITYGATE
Redacted														

SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)

INDEXES AT CITYGATE (USD/MMBtu) (b)

2014 - 61 May-14

					. , , ,			I			```	, , ,		
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														
1														

2014 - 62 May-14

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

Date	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	TOTAL
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### Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Firm and Incremental Storage

Redacted

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

2014 - 63 May-14

	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)
Redacted	(a)	(b)	(c)	(q)	(e)	(a)	(b)	(c)

PG&E FIRM STORAGE

# 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 - 64 May-14

Pipeline	MMBtu	Amount
Redacted		

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

PG&E CALIFORNIA GAS TRANSMISSION

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

TOPOCK-BAJA

2014 - 65 May-14

PG&E CALIFORNIA GAS TRANSMISSION

NORTH PATH-REDWOOD

TORE CALIFORNIA GAS TRANSMISSION			C. I. A.				TO GET DAY								
anth/Your	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)	Manth (Vage	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)
dacted															

### 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 - 66 May-14

KERN RIVER GAS TRANSMISSION COMPANY

RUBY PIPELINE, L.L.C.

KERN RIVER GAS TRANSIVISSION CONFANT								ROBI FIFELINE, 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)
edacted															

# 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 - 67

		MMBtu Pu			Average Pr	rice (USD)			Percentage of Total			
Month/Year	Swing	Prompt	Term	Total	Swing	Prompt	Term	Total	Swing	Prompt	Term	
Month/Year Redacted												

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

2014 - 68 May-14

Execution Coverage Option Volumes Option Swap Volumes Swap Average Total Volume

Month Period (MMBtu) Premiums (MMBtu) Price (MMBtu)

Redacted

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

#### 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

2014 - 69 May-2014

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 U\$/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 % (I)	Index Grossed Up for Fuel (k) / (1-(I)) (m)	Redwood CGT Volumetric Rate (n)	Total Index @ Citygate (m) + (n) U\$/MMBtu (o)
edacted														

Redacted		

### 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

2014 - 70 May-2014

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 (i)	Total Index @ Malin (i) + (j) (k)	CGT Fuel % (I)	Index Grossed Up for Fuel (k) / [1-(I)] (m)	Redwood CGT Volumetric Rate (n)	Total Index @ Citygate (m) + (n) U\$/MMBtu (o)
Redacted														•

Redacted		

# 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

2014 - 71 May-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	(2)	(0)	(3)	(0)	(-)	(6)	(,	(-)	<u> </u>

Redacted

### 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

2014 - 72 May-2014

Way-2014									
			Index		Index		Index		Total Index
			Grossed Up		@ Daggett		Grossed Up	CGT Baja	@ Citygate
	Kern Index	Kern	for Fuel	Kern	\$/MMBtu	CGT	for Fuel	Volumetric	\$/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)
Redacted									

Redacted

# 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

2014 - 73 May-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													

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 - 74 May-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)

(a) (b) (c) (d) (e) (f) (g) (h) (i) (j)

Redacted

Redacted

Redacted

			Index		Total Index	PG&E
	Daily Index		Grossed Up	CGT	@ Citygate	Citygate
	@ Topock	CGT	for Fuel	Volumetric	\$/MMBtu	Index
Date	\$/MMBtu (1)	Fuel %	(b) / [1-(c)]	Rate	(d) + (e)	\$/MMBtu (2
(a)	(b)	(c)	(d)	(e)	(f)	(σ)
edacted						