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 February-14

			CANADIAN AND	U.S. GAS COSTS		PIPELINE RESERV	ATION CHARGES		TOTAL CPIM F	PERFORMANCE			TOLERANCE BAND	
_ Month/Y	ear	Actuals	Benchmark	Benchmark - Actuals	Actuals % of Benchmark	Actuals	Benchmark	Actuals	Benchmark	Benchmark - Actuals	Actuals % of Benchmark	Upper Limit	Lower Limit	(Over)/Under Tolerance
Redact	ed													

Redacted		

2013 - 2 November-13

				Net Purchases			
				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

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

2013 - 4 November-13

Actual Costs Benchmark Costs Costs 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 Benchmark Load

Citygate

2013 - 5 November-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	(4)	(S)	(6)	(4)	(0)	(1)	(6)

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 IIIAN	TOPOCK-BAIA	CITYGATE
Redacted		NODI OI AL	.1014 ALCO	THE STATE OF THE RESIDENCE OF THE STATE OF T	MOTAL	.10 VA ALCO	HOVA ALCO	NODI OI AL	HODI OI AE	, w Salesonie	. W JAN JOAN	. SI OCK-DAJA	SITIONIE

SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)

INDEXES AT CITYGATE (USD/MMBtu) (b)

2013 - 7 November-13

			_	OLOWILS AT CITTOATT	•						(CSD) IVI	, , ,		
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														

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
Redacted								

LODI GAS STORAGE, L.L.C.

2013 - 9 November-13

_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 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

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							

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

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

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							

2013 - 15 December-13

	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	CITYGATE
Redacted														
														1
														1

SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)

INDEXES AT CITYGATE (USD/MMBtu) (b)

2013 - 16 December-13

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								•						

2013 - 17

December-13			TOTAL COMMOD	DITY BENCHMARK (U	SD) (c) = (a) x (b)	1	
Date Redacted	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	ТОРОСК-ВАЈА	CITYGATE	TOTAL
Redacted								

Redacted

2013 - 18 December-13

			T GOLF THUM ST GHATGE	•		11.00		
	Injection/ Withdrawal (MMBtu)	Imbalance Trading (MMBtu)	Sales/Transfers (MMBtu)	Parking	Ending Inventory (e) ⁰ +(a)+(b)+(c)+(d)	Nominations at Field (MMBtu)	Equivalent at Citygate (MMBtu)	Ending Inventory (MMBtu)
Redacted	(2)	(b)	(6)	(4)	(0)	(2)	(h)	(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

2013 - 19

December-13

Pipeline Redacted	MMBtu	Amount
Redacted		

2014 - 20

January-14

MBtu) (MMBtu	and Sales (MMbtu) (a)+(b)	Purchase Costs	Sales Revenue	Total Net Costs (d)+(e)
(h)	(c)	[4]	(e)	(+)
		chases Sales (MMbtu) MBtu) (MMBtu) (a)+(b)	and Sales chases Sales (MMbtu) MBtu) (MMBtu) (a)+(b) Purchase Costs	and Sales chases Sales (MMbtu) WBtu) (MMBtu) (a)+(b) Purchase Costs Sales Revenue

2014 - 21 January-14

Pipeline/Facility Redacted	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 Revanue:

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

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

2014 - 23 January-14

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							

2014 - 24 January-14

	Benchmark Load												
Redacted	at Citygate	KUBY OPAL	NOVA AECO	TW SAN JUAN GTN KINGSGATE	KR OPAL_	NOVA AECO	NOVA AECO	RUBY OPAL_	TW SAN JUAN	RUBY OPAL	TW SAN JUAN	TOPOCK-BAJA	CITYGATE
													ĺ
													ĺ
													}
_													

2014 - 25 January-14

J., (dd. 7 2 7														
	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 - 26 January-14

 $\underline{\text{TOTAL COMMODITY BENCHMARK}}$ (USD) (c) = (a) x (b)

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

Redacted

2014 - 27 January-14

0-4-	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 Inventory (MMBtu)
Redacted	rai	Ini	ICI	101	(e)	lai	161	IGI
					_			_

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

Pipeline	MMB	tu Amount
Pipeline 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 - 29 January-14

PG&E CALIFORNIA GAS TRANSMISSION

NORTH PATH-REDWOOD

Daily Volume (MMBtu) h/Year (a) acted	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)	Percenta Utilizatio (f)/(e) (g)
O NATURAL GAS COMPAN	NY, L.L.C.						GAS TRANSMISSIO	N NORTHWEST LLC						
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)	Month/Year	Daily Volume (MMBtu)	Days In Month	Contract Capacity (MMBtu) (a)x(b)	Capacity Release	Net Contract Capacity (c)+(d)	Gas Delivered	Percenta Utilizatio (f)/(e)
acted														•••

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

2014 - 31 February-14

Redacted	_Pineline	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			1177	1117			117

2014 - 32 February-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		(/	(<i>y</i>	(-)	(/	(-)	(-)

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

Benchmark - Actual

2014 - 33 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 - 34 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)
Redacted	(a)	(6)	(0)	(u)	(e)	(1)	(g)
L							

2014 - 35 February-14

Ber ALCHWARE BUDY CPAL NOVA AECO TW SAN HUAN GTR KINGSGATE KROPAL NOVA AECO NOVA AECO BUBY CPAL BUBY CPAL TW SAN HUAN TO SAN H

2014 - 36 February-14

20.44.7 21														
			SEQUENCED V	OLUMES AT CITYGAT							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	CITYGAT
Redacted														

2014 - 37 February-14

 $\underline{\text{TOTAL COMMODITY BENCHMARK}}$ (USD) (c) = (a) x (b)

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

Redacted

2014 - 38 February-14

			PG&E FIRM STORAG	<u>iE</u>		Red	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)	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 - 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

G&E CALIFORNIA GAS TRANSMISSION			NORTH PATH-REDWOOD				PG&E CALIFORNIA G	TOPOCK-BAJA							
Month/Vear	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)	Month/Year	Daily Volume (MMBtu)	Days In Month	Contract Capacity (MMBtu) (a)x(b)	Capacity Release	Net Contract Capacity (c)+(d)	Gas Delivered	Percentag Utilization (f)/(e)
dacted															
<u>PASO NATURAI</u>	L GAS COMPANY	, L.L.C.	Contract					GAS TRANSMISSION	NORTHWEST LLC						
			Contract Capacity (MMBtu)	Capacity	Net Contract Capacity		Percentage Utilization		Daily Volume		Contract Capacity (MMBtu)		Net Contract Capacity		Percentag Utilizatio
	Daily Volume (MMBtu)	Days In Month	(a)x(b)	Release	(c)+(d)	Gas Delivered	(f)/(e)		(MMBtu)	Days In Month	(a)x(b)	Capacity Release	(c)+(d)	Gas Delivered	(f)/(e)
		Days In Month			(c)+(d)	Gas Delivered	(f)/(e)		(MMBtu)	Days In Month	(a)x(b)	Capacity Release	(c)+(d)	Gas Delivered	(f)/(e)
		Days In Month			{c}+{d}	Gas Delivered	(f)/(e)		(MMBtu)	Days In Month	(a)x(b)	Capacity Release	(c)+(d)	Gas Delivered	(f)/(e)
		Days In Month			(c)+(d)	Gas Delivered	(f)/(e)		(MMBtu)	Days In Month	(a)x(b)	Capacity Release	(c)+(d)	Gas Delivered	(f)/(e)
		Days In Month			(c)+(d)	Gas Delivered	(f)/(e)		(MMBtu)	Days In Month	(a)x(b)	Capacity Release	(c)+{d}	Gas Delivered	(f)/(e)
		Days In Month			(c)+(d)	Gas Delivered	(f)/(e)		(MMBtu)	Days In Month	(a)x(b)	Capacity Release	(c)+(d)	Gas Delivered	(f)/(e)
edacted		Days In Month			(c)+(d)	Gas Delivered	(f)/(e)		(MMBtu)	Days In Month	(a)x(b)	Capacity Release	(c)+{d}	Gas Delivered	(f)/(e)

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. Contract Capacity Percentage Contract Capacity Net Contract Percentage Daily Volume Daily Volume (MMBtu) Capacity Capacity Utilization (MMBtu) Capacity Utilization (MMBtu) Days In Month (a)x(b) Release (c)+(d) Gas Delivered (f)/(e) (MMBtu) Days In Month (a)x(b) Capacity Release (c)+(d) Gas Delivered (f)/(e) Month/Year Redacted TRANSWESTERN PIPELINE COMPANY Contract Percentage Net Contract Capacity Daily Volume (MMBtu) Utilization Capacity Capacity (a)x(b) (f)/(e) Redacted

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

			Average Pr	rice (USD)		<u>P</u>	Percentage of Total				
Month/Year	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

2014 - 43 February-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 - 44 February-2014

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

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 - 45 February-2014

Month/Year	AECO Index CAN\$/GJ (1) (b)	NOVA IT Rate CAN\$/GJ	Foothills Fuel % (d)	Foothills IT Rate CAN\$/GJ (e)	Monthly Exchange Rate (2) (f)	Index @ Kingsgate US\$/MMBtu (3)	GTN Fuel % (b)	Index Grossed Up for Fuel (g) / [1-(h)]	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
Redacted	In	(5)	ini	rei	(1)	121	ini	111	111	181	111	imi	ini	103

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 - 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)	(0)	(u)	(e)	(1)	(8)	(11)	(1)	())

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 - 47 February-2014

ebruary-2014									
			Index Grossed Up		Index @ Daggett		Index Grossed Up	CGT Baja	Total Index @ 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)
dacted									

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 - 48 February-2014

Month/Year	El Paso Index \$/MMBtu (1)	El Paso Fuel %	Index Grossed Up for Fuel (b) / [1-(c)]	El Paso Volumetric Rate	Index @ Topock \$/MMBtu (d) + (e)	CGT Fuel %	Index Grossed Up for Fuel (f) / [1-(g)]	CGT Volumetric Rate	El Paso Index @ Citygate \$/MMBtu (h) + (i)	Transwestern Index @ Citygate \$/MMBtu	El Paso %	Transwestern % (m)	Total Index @ Citygate \$/MMBtu
Redacted	IN	171	IN	12.		181	IN			10.			

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									

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Topock Daily Index

2014 - 50 November-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					

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Topock Daily Index

2014 - 51 December-2013

Redacted

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					

SB_GT&S_0708916

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Topock Daily Index

2014 - 52 January-2014

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

Pacific Gas and Electric Company Core Gas Supply CPIM Calculation Topock Daily Index

2014 - 53 February-2014

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					

2014 - 54 November-2013 Pacific Gas and Electric Company Core Gas Supply CPIM Calculation PGE Citygate Daily Index

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Date	PG&E Citygate Index (1) (b)
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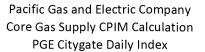
2014 - 55 December-2013 Pacific Gas and Electric Company Core Gas Supply CPIM Calculation PGE Citygate Daily Index

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