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 RESERVATION CHARGES			TOTAL CPIM P	TOTAL CPIM PERFORMANCE			TOLERANCE BAND			
				Actuals % of			ĺ			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													
Total													

Redacted		

2013 - 2 November-13

		Purchases (MMBtu)	Sales (MMBtu)	Net Purchases and Sales (MMbtu) (a)+(b)	Purchase Costs	Sales Revenue	Total Net Cost (d)+(e)
Redacted	Location	(2)	(b)	(c)	(4)	(0)	(f)

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

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

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

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

Confidential Material

2013 - 4 November-13

			Benchmark - Actual
	Actual Costs	Benchmark Costs	Costs
Commodity Costs and Revenues Redacted			
Redacted			

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

Citygate

2013 - 5 November-13

	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)	(p)

2013 - 6 November-13

Date of Citygate RUBY OPAL NOVA ACCO. TW. SAN JUAN GTN KINGSCATE KROPPAL NOVA ACCO. NOVA ACCO. RUBY OPAL RUBY OPAL TW SAN JUAN TW SAN JUAN TOPOCKBAJA. CITYCA: Redacted.		Benchmark Load													
	Date Dedacted	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														

SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)

INDEXES AT CITYGATE (USD/MMBtu) (b)

2013 - 7 November-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
Date Redacted														

2013 - 8 November-13

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

110101111001 10				,				
Date	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	TOTAL
Redacted								

2013 - 9 November-13

Movember-13			PG&E FIRM STORAG	<u>3E</u>	Redacted					
_ Dato	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	121	- INI	161	181	121	121	INI	151		

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 Redacted	MMBtu	Amount
Redacted		

2013 - 11 December-13

				Net Purchases			
				and Sales			
		Purchases	Sales	(MMbtu)			Total Net Costs
		(MMBtu)	(MMBtu)	(a)+(b)	Purchase Costs	Sales Revenue	(d)+(e)
D: 1:							
Pipeline	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

2013 - 12 December-13

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

Commodity Costs and Revenues

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 - 14 December-13

Data	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)	(c)	(u)	(e)	(1)	(8)
L .							

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
Redacted															

SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)

INDEXES AT CITYGATE (USD/MMBtu) (b)

2013 - 16 December-13

				OLOWES AT CITTOATT	((OSB) IVII	, (,		
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														
Caucica														

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

Redacted

LODI GAS STORAGE, L.L.C.

2013 - 18 December-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 - 19

December-13

Pipeline	MMBtu	Amount
Redacted		

2014 - 20

January-14

_Pipeline Locat	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	(0)	(8)	(0)	(α)	(0)	\'\

Fixed

Volumetric

2014 - 21 January-14

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

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

Benchmark - Actual

2014 - 22 January-14

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

2014 - 23 January-14

Date Dodgetod	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							

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

	Benchmark Load													
Dadaatad	at Citygate	RUBY 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
Redacted														

SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)

INDEXES AT CITYGATE (USD/MMBtu) (b)

2014 - 25 January-14

			DE QUEITOED T	OLONIES AT CITTOATT	_ ((CSD) IV	, , ,		
Date RU	UBY 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
dacted														

2014 - 26 January-14

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

· ,					, , , , , , ,			1
Date	RUBY OPAL	NOVA AECO	TW SAN JUAN	GTN KINGSGATE	KR OPAL	TOPOCK-BAJA	CITYGATE	TOTAL
Redacted								

Redacted

2014 - 27 January-14

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

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

PG&E CALIFORNIA	A GAS TRANSMIS	SION		NORTH PA	TH-REDWOOD			PG&E CALIFORNIA GAS TRANSMISSION			ТОРОСІ	К-ВАЈА		
	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														
EL PASO NATURA	I GAS COMPANY	/ II.C						GAS TRANSMISSION NORTHWEST LLC						
EE 17100 IV/(1010)	IE ON IS COMM THAT	,						SAS AN INSTITUTE OF THE STATE O						
			Contract											
	Daily Volume		Contract Capacity (MMBtu)	Capacity	Net Contract Capacity		Percentage Utilization	Daily Volume		Contract Capacity (MMBtu)		Net Contract Capacity		Percentage Utilization
phd-mally (Manager	Daily Volume (MMBtu)	Days In Month	Capacity	Capacity Release		Gas Delivered		Daily Volume (MMBtu)	Days In Month		Capacity Release		Gas Delivered	
Redacted		Days In Month	Capacity (MMBtu)		Capacity	Gas Delivered	Utilization		Days In Month	(MMBtu)	Capacity Release	Capacity	Gas Delivered	Utilization
Redacted		Days In Month	Capacity (MMBtu)		Capacity	Gas Delivered	Utilization		Days In Month	(MMBtu)	Capacity Release	Capacity	Gas Delivered	Utilization
Redacted		Days in Month	Capacity (MMBtu)		Capacity	Gas Delivered	Utilization		Days In Month	(MMBtu)	Capacity Release	Capacity	Gas Delivered	Utilization
Redacted		Days in Month	Capacity (MMBtu)		Capacity	Gas Delivered	Utilization		Days In Month	(MMBtu)	Capacity Release	Capacity	Gas Delivered	Utilization
Redacted		Days In Month	Capacity (MMBtu)		Capacity	Gas Delivered	Utilization		Days In Month	(MMBtu)	Capacity Release	Capacity	Gas Delivered	Utilization
Redacted		Days in Month	Capacity (MMBtu)		Capacity	Gas Delivered	Utilization		Days In Month	(MMBtu)	Capacity Release	Capacity	Gas Delivered	Utilization
Redacted		Days In Month	Capacity (MMBtu)		Capacity	Gas Delivered	Utilization		Days In Month	(MMBtu)	Capacity Release	Capacity	Gas Delivered	Utilization

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 O	OMPANY						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															
TRANSWESTERN	PIPELINE COMPA	<u>NY</u>													
Month/Year	Daily Volume (MMBtu)	Days In Month	Contract Capacity (MMBtu) (a)x(b)	Capacity Release (d)	Net Contract Capacity (c)+(d)	Gas Delivered	Percentage Utilization (f)/(e)								
Redacted															

2014 - 31 February-14

_ Pingling	Location	Purchases (MMBtu)	Sales (MMBtu) (b)	Net Purchases and Sales (MMbtu) (a)+(b)	Purchase Costs	Sales Revenue	Total Net Costs (d)+(e)
Redacted	LOCATION	(3)	(n)	161	101	(0)	(T)

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							

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

Benchmark - Actual

2014 - 33 February-14

Redacted Costs and Revenue:

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) (g)
Redacted	(a)	(6)	(0)	(u)	(e)	(1)	(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 - 35 February-14

Redacted RUSY/OPAL NOVA AECO TW SAN-UNAL CTN KINGSGATE KE OPAL NOVA AECO NOVA AECO BUBY/OPAL RUSY/OPAL TW SAN-UNAL TW SAN-UNAL COTYGATE

Redacted RUSY/OPAL RUSY/OPAL TW SAN-UNAL TW SAN-UNAL COTYGATE

Redacted RUSY/OPAL RUSY/OPAL TW SAN-UNAL TW SAN-UNAL COTYGATE

Redacted RUSY/OPAL RUSY/OPAL TW SAN-UNAL TW

SEQUENCED VOLUMES AT CITYGATE (MMBtu) (a)

INDEXES AT CITYGATE (USD/MMBtu) (b)

2014 - 36 February-14

			DEGCETTOED T	OLONIES AT CITTOATT	_ ((OSD) IV			
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
edacted								•						
Luacicu														

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

2014 - 37

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

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

Confidential Materia Submitted Pursuant to General Order 66-C and P.U. Code Section 583 2014 - 38 February-14

rebruary-14			PG&E FIRM STORAC	<u>3E</u>		Red	acted	
	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	131	- INI	161	181	121	121	INI	121

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

PG&E CALIFORNI	A GAS TRANSMIS	SSION		NORTH PAT	TH-REDWOOD			PG&E CALIFORNIA	GAS TRANSMISSION			TOPOCH	(-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															
								GAS TRANSMISSIO	N NORTHWEST LLC						
EL PASO NATURA	L GAS COMPANY	(<u>, L.L.C.</u>	Contract					<u> </u>							
EL PASO NATURA	Daily Volume		Contract Capacity (MMBtu)	Capacity	Net Contract Capacity		Percentage Utilization	<u> </u>	Daily Volume		Contract Capacity (MMBtu)		Net Contract Capacity		Percentage Utilization
Month/Year		Days In Month	Capacity	Capacity Release (d)		Gas Delivered (f)		Month/Year		Days In Month (b)		Capacity Release (d)		Gas Delivered (f)	
Month/Year	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)		Utilization (f)/(e)
Month/Year	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)		Utilization (f)/(e)
Month/Year	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)		Utilization (f)/(e)
Month/Year	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)		Utilization (f)/(e)
Month/Year Redacted	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)		Utilization (f)/(e)
Month/Year	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)		Utilization (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.							
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															
	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	(a)	(b)	(c)	(d)	(e)	(f)	(g)								

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					Average Price (USD)				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

bruary-2014	AECO Index	Conversion of Index to	Foothills	Index Grossed Up for Fuel	Monthly Exchange	Index @ Kingsgate U\$/MMBtu	GTN	Index Grossed Up for Fuel	GT N Volumetric	Total Index @ Malin	CGT	Index Grossed Up for Fuel	Redwood CGT Volumetric	Total Index @ Citygate (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
edacted	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	(n)	(0)
ducted														

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 (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-(l)] (m)	Redwood CGT Volumetric Rate (n)	Total Index @ Citygate (m) + (n) U\$/MMBtu (o)
Redacted														

Redacted		

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

2014 - 46 February-2014

			Index		Index		Index		Total Index
	Ruby		Grossed Up		@ Malin		Grossed Up	CGT Redwood	@ Citygate
	Index \$/MMBtu	Ruby	for Fuel	Ruby	\$/MMBtu		for Fuel	Volumetric	\$/MMBtu
Month/Year	(1)	Fuel %	(b) / [1-(c)]	Volumetric Rate	(d) + (e)	CGT Fuel %	(f) / [1-(g)]	Rate	(h) + (i)
(a)	(b)	(c)	(4)	(e)	(f)	(σ)	(h)	(i)	(i)
Redacted									

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

2014 - 47 February-2014

February-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)	(j)
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 - 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)	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

			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									

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					

2014 - 51 December-2013

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

Index

Total Index

2014 - 52 January-2014

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

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

	PG&E
	Citygate
Date	Index (1)
(a)	(b)
Redacted	(5)
reducted	

2014 - 55 December-2013 Pacific Gas and Electric Company Core Gas Supply CPIM Calculation PGE Citygate Daily Index Confidential Material Submitted Pursuant to General Order 66-C and P.U. Code Section 583

	PG&E
	Citygate
Date	Index (1)
(a)	(b)
(a)	(6)
Redacted	

2014 - 56 January-2014 Pacific Gas and Electric Company Core Gas Supply CPIM Calculation PGE Citygate Daily Index Confidential Material Submitted Pursuant to General Order 66-C and P.U. Code Section 583

	PG&E
	Citygate
Date	Inday (1)
(a) Redacted	(b)
Redacted	<u> </u>
reduced	

2014 - 57 February-2014 Pacific Gas and Electric Company Core Gas Supply CPIM Calculation PGE Citygate Daily Index Confidential Material Submitted Pursuant to General Order 66-C and P.U. Code Section 583

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